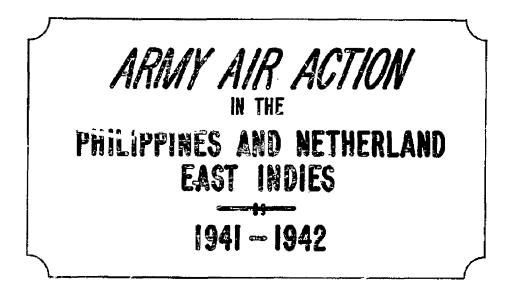
U.S. Air Force Historical Study No. 111 (Formerly Army Air Forces Reference History No. 11) (Short Title – AAFRH – 11)



ASSISTANT CHIEF OF AIR STAFF INTELLIGENCE HISTORICAL DIVISION

FOREWORD

This "first narrative" has been prepared by the Historical Division, AC/AS, Intelligence as a contribution to the history of the Army Air Forces in the current war. Like other studies in the series, it is subject to revision as additional information becomes available. The operations involved are of such outstanding historical interest, and the surviving record of them so frequently fragmentary and scattered, that the story has been retold in considerable detail. At the same time it has seemed unwise to overcrowd the narrative with the full detail of operations. Accordingly, available data on individual missions have been brought together for convenient reference in Army Air Forces Historical Studies: No. 29A, Summery of Air Action in the Philippines and Netherlands Mast Indies, 7 December 1941-26 March 1942.

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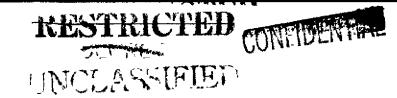


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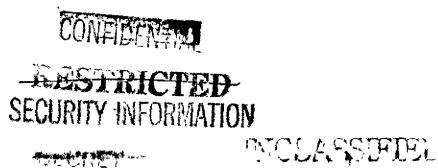
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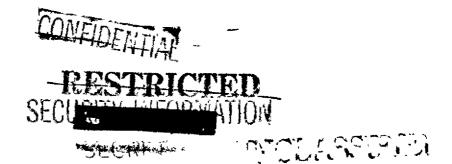
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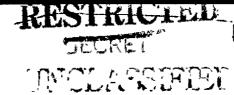


MICKEEN CHO

Army Air Action in the Fhilippines and Netherlands East Indies

1941-1942





Chapter I REINFORCING THE PHILIPPINES

On 8 December 1941 (Philippine time), Japanese planes for the first time bombed American airflelds in the Philippines. Within 2 wee's, enemy attack had made these bases untenable for heavy bombers, and the few remaining B-17's had retreated 1,500 miles to Australia. Outnumbered pursuits which stayed to fight in Luzon and Mindanao were destroyed or simply fell apart one by one. Meanwhile heavy bombers, dive bombers, and pursuits were flown in to the East Indies during January and February to oppose a Japanese thrust which was aimed at seizing these rich islands. But by 2 March, all American pursuits there had been destroyed or rendered unserviceable, and a few bombers had again managed to escape to Australia. Within a week organized resistance had ceased in Java; a month later Bataan had fallen; and on 6 May, Lt. Gen. Jonathan Wainwright from Corregidor called a halt to American resistance in the Philippines.

During these months, American heavy bombers had carried out high-level attack aminst enemy shipping and to a lesser extent against land bases; dive bombers had defied enemy pursuit protection in attempting to break up Japanese landings in the Netherlands East Indies; and pursuit planes, usually outnumbered, fought off enemy bombers and their escort, carried out invaluable reconnaissance

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missions, and with manually constructed devices even completed a considerable number of bombing raids of their own. The Philippine campaign and its sequel in the East Indies were the first campaigns of World War II in which American air units participated. The decisive defeats which they suffered were the direct result of the military unpreparedness of the United States.

The determination of the military policy to be followed with regard to the Philippines between the two world wars had involved a consideration of three possible courses of action: the United States might attempt to maintain the status quo in the Far East; it might withdraw from there entirely; or it might attempt "to build up in the Philippine Islands a force of sufficient strength to assure enforcement of our policies, and to protect our interests in the Far East." Until 1940, a number of conditions had prevented adoption of the latter course. The intellectual and political climate prevailing in the United States during the late twenties and the thirtles favored disarmanent. Funds were not provided, and personnel and equipment could not be spared for the Pacific outposts. Furthermore, it was felt that even if the Army were able to establish strong forces in the distant Philippines, the Navy would be incavable of providing adequate support. The War Department, therefore, followed a policy of attempting to maintain existing strength and of undertaking "no further improvements except as a measure of economy."

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As the United States became more outspokenly critical of Japan's expansion in Asia, attempts were made to build up air strength in the Philippines. In September 1939, Lt. Col. Carl Spaatz, chief of Plans Division, submitted a memorandum to General Arnold in which he considered the possibilities for a strategic offensive in the Far East. Spaatz concluded that a striking force capable of carrying out sustained air operations was a prerequisite and that Luzon was the logical base. He, therefore, recommended that a force consisting of two groups of heavy bonbardment, two squadrons of long-range reconnaissance, three groups of medium bombardment, three squadrons of medium-range reconnaissance, and two interceptor pursuit groups should be dispatched to Luzon "when, but not before, the entire force is organized, equipped and trained, and base facilities are adequate for its operations." In addition to these units, there should be maintained "as a part of the GHQ Air Force at least six groups of heavy bombardment and six long-range reconnaissance squadrons, available for movement to Luzon upon the threat or outbreak of hostilities."2

Actually, there were no means available in the United States to carry out such a program. During the previous month, August 1939, the Flans Division had proposed the organization of a composite wing consisting of 2 medium bombardment groups, 1 pursuit group, 2 reconnaissance squadrons, and 2 observation squadrons. It was recognized that the only means of implementing such a plan would be either to increase the current program for enlarging the Air Corps or

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to decrease the number of units assigned to other commands, such as that in Hawali or the GHQ Air Force.³ In addition to this proposed organization, the possibility of ferrying heavy bombers of the B-17 type to the Philippines was being discussed at this time. A careful study of air routes was made. Of the four considered, the one from San Francisco to Manila via Hawaii, Midway, Wake, and Guam was obviously the most desirable as it was 4,000 miles shorter than any other possible route. But because of the lack of suitable airdromes, Colonel Spaatz recommended a North Atlantic route of 11,075 miles for summer ferrying and a South Atlantic route of 14,615 miles for use in the winter.⁴

These plans remained almost entirely on paper during 1940. In April of that year Col. H. H. C. Richards, air officer attached to the Philippine Department, modestly requested "a few modern airplanes in order to fit our recent graduates from the Air Corps Training Center for tactical units of the GH4 Air Force." He pointed out that the Philippine Department had at that time only a few obsolete planes (P-26, 0-46, B-10), and he requested three each of the P-35, P-36, and B-18 types and "a few A-17's." Richards, however, felt little fear of Japanese aggression. "It begins to look as though we will eventually get into the war too," he wrote. "I sat out" the last war in Atlanta, Charleston, etc. If conditions become acute, would appreciate it if you would keep me in mind and get me back to the States where I will at least get an opportunity to get -RESTRICTEDinto action."5

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Although the War Department recognized the inadequacy of the Philippine defenses, it could promise little immediate improvement of the situation. It was aware of the fact that no fields on Luzon, and probably on none of the other islands, could handle anything more modern than a P-26 or a B-10. It knew that even a group of medium bombers and another of light bombers would provide only a measure of defense against minor assaults, and that a much larger force would be required to hold the Philippines against a major Japanese attack. Actually during the summer of 1940 only 3 B-18's were allotted to the Philippines. Units in the United States could spare no more aircraft, even of the P-35, P-36, or A-17 types. Indeed it was felt that the 28 F-28 pursuits then assigned to the Philippine Department would have to suffice "until late in the year 1941, ct the earliest."⁶

During the last six months of 1940, the urgent need for strengthening the forces in the Far East brought more tangible results. In July, Maj. Gen. George Grunert, commanding general of the Philippine Department, issued a warning as to the weakness of his air units. "Although the War Department may be aware of the Air Corps situation (personnel and materiel) in this department," he wrote, "I consider it my duty to restate the situation and emphasize the inadequacy of officer personnel and the obsolescence of the materiel. . . ." At that time, existing tables of organization for air units in the Philippines provided for 140 officers, but according to Grunert, only 33 Air Corps officers were available for organizations which

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required 72 to function efficiently. Actually there were not enough combat crews to put more than 21 planes in the air at one time, and then only by stripping ground organizations. Furthermore, it is to be doubted that 21 serviceable aircraft could have been found in the Philippines, and of those in commission the majority were obsolescent.⁷

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Number	Type combat	Year of manufacture
10	Douglas 0-46A Observation	1935
5	Thomas-Morse 0-19 Observation	1931
28	Boeing P-26A Pursuit	1933
17	Martin B-10B Bomber	1934, 1935
	M	

Type non-combat

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1	ZB-3A Keystone	1928
1	OA-4 Douglas Amphibian	1930
1	OA-9 Grumman Amphibian	1938

A knowledge of the weakness of the Philippine defenses, however, could not alter the realities of the Air Corps expansion program in the summer of 1940. Before the 24-Group Program of 1939 could be completed, the 41-Group Program of May 1940 and subsequently the 54-Group Program of July had replaced it.⁸ Additional personnel for overseas units, it was felt, could be obtained only by depleting tactical units or by modifying pilot training activities in the United States. Moreover, few aircraft could be spared, although General Arnold in August 1940 did believe that a quota for the Philippine Department of 3 B-18's, 33 P-26's, 17 B-103's, 17 0-46A's, 4 0-49's, and 4 amphibians might be reached by July 1941.⁹ He made every effort, furthermore, to supplement this quota, and in October directed that 48 P-35's, part of a Swedish contract, be withheld

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and diverted to the Philippines. This necessitated additional personnel, and before the 1st of November the 17th and 20th Pursuit Squadrons received orders to proceed to San Francisco with 40 officers and 314 enlisted men. They were to sail on or about 4 November 1940.¹⁰

The arrival in the Philippines of what almost amounted, under the circumstances, to a new air force required an assessment of the available fuel supply. In the late fall of 1940 a survey was made. It revealed an alarming situation: 95 per cent of civilian storage space for all types of gasoline was concentrated in "one small casily bombed area" in the city of Manila, 98 per cent of all aviation gas was stored in the same area. Only a partial remedy was made possible when, in February 1941, the Philippine Department received \$34,000 for construction of more adequate facilities.¹¹

Developments in the Far East during the fall of 1940 and the spring of 1941 spurred on those who favored a stronger policy toward Japan. In November 1940 Adm. Thomas Hart, Commander in Chief of the Asiatic Flect, submitted a study to the Navy Department which prophesied further Japanese aggression probably in a southerly direction. Hart wavered in this opinion for a few weeks in the early spring, thinking that signs pointed to an attack upon Siberia, but soon returned to his original thesis. He felt that the Japanese were being squeezed economically by the Americans, British, and Dutch, that they had failed in their attempt to obtain sufficient oil for their war machine by peaceful means, and that the situation

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"bade fair to become menacing."2

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Plans Division in Washington had made a realistic estimate of the situation. The Air Corps garrison in the Philippines was known to be a token force only. It had never been visualized as capable of meeting "serious contingencies." This point was emphasized in a study made by Colonel Spaatz, after reading which Maj. Gen. George Brett stated in February 1941 that "the minimum air garrison for an effective defense should comprise not less than one long range bombardment wing of three or more groups and one pursuit wing of three or more groups, together with such additional ground and air components as may be required to constitute a balanced force." It was impossible at this time, however, to provide either the necessary versonnel or the planes for these admitted needs. Nevertheless, during the spring and summer of 1941 there was some piecemeal reinforcement. In March the commanding general of the Hawaiian Department received orders to ship 18 B-18's by transports which were to leave Hawaii for the Philippines on 15 and 17 April. And on 19 April, the merchant ship, American Lanufacturer, sailed from the United States carrying 31 P-40B's to the same destination. 14

With the prospect of receiving modern aircraft, it was decided to create a more modern air organization. The undermanned units which served as the air garrison for the Department had hitherto been organized into the 4th Composite Group. The 17th and 20th Pursuit Squadrons, upon arriving in the Philippines late in November 1940, had been incorporated into that group and had been based at Nichols

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Field on the outskirts of Manila. In addition to these newlyarrived squadrons, the 4th Group consisted of a Headquarters and Headquarters Squadron and the 3d Pursuit Squadron based at Michols Field, and the 25th Bombardment and 2d Observation Squadrons at Clark Field, approximately 60 miles north of Manila.¹⁵ The first of a series of important steps in reorganization occurred on 6 May 1941, when the units composing the 4th Composite Group together with the 20th Air Base Group and miscellaneous supporting units were incorporated into the Fhilippine Department Air Force. To command this newly constituted organization, the War Department had transferred Erig. Gen. Henry B. Clagett from his previous assignment as commanding officer of Selfridge Field, Michigan.¹⁶

General Glagett had had long experience as a flyer and an administrator. When a temporary major in the Signal Corps in 1916, he had acquired flying status and was rated as a junior aviator. During the twenties and thirties he had held numerous administrative positions and at the same time had retained his flying status.¹⁷ He went to the Philippine Department with the understanding that one of his first tasks would be to participate in a mission to investigate aerial requirements in Ghina. He arrived in the Philippines during the first week in Nay and left almost immediately for Ghina, returning to Manila a month later. Not until then was he able to make a thorough survey of his own requirements. He found that he had been given, as he said, "one hell of a job." He had



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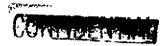
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an insufficient number of experienced starf personnel; he was overstrength in enlisted men and trainees, but had too few authorized units; airdrome facilities were inadequate; and he believed that in order to obtain necessary cooperation from civilians he had to entertain them, and even then folt that his efforts had "to be greased through officials of the Philippine government."¹⁸

A second important step in the reorganization of the Philippine Department demonstrated the growing importance of the Far Eastern theater. On 27 July 1941, Gen. Douglas MacArthur, who had been serving as military advisor to the Philippine government, assumed a new command, that of Commanding General of the United States Army Forces in the Far Mast (USAFFE). This prepared the way for a further reorganization of American air units. On 30 June, the War Department had received a request from the Philippine Department for a more flexible air command. It had suggested the establishment of an air force headquarters with a composite group and a pursuit group composed of the pursuit squadrons then in the Philippines. Spaatz, now a brigadier general and Chief of the Air Staff, heartily concurred with the suggestion, describing it as a type of organization "capable of easy control and expansion." Shortly after the creation of USAFFE, therefore, Clagett's command was reorganized. On 4 August, the Philippine Department Air Force was redesignated the Air Force, United States Army Forces in the Far East. It was to operate directly under lacArthur "except for routine administration and supply," which would still function under Headquarters Philippine Department. 19

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The new organization was still only a token force. Only the 31 P-40B's which had arrived in May could be considered modern aircraft; the others were obsolescent: 21 P-26's, 56 P-35's, 10 0-46's, 3 0-19E's, 10 A-9's, 1 C-39, 9 A-27's, 14 B-10B's, and 18 B-18's. The number of trained pilots was gradually increasing and by the middle of August totaled approximately 230. At the same time, airdrome facilities were being improved. Nevertheless only Clark Field was suitable for heavy bombers, although it was planned to complete the runways at Nichols Field by 1 October. Fursuit planes could use six fields within 80 miles of Manila, but these lacked all fuel and repair facilities, and six additional fields acattered throughout the Archivelago were principally useful for disversal.²⁰

The need for airfields extensive enough to base modern aircraft was becoming acute since plans for the further reinforcement of the Philippines were rapidly maturing. These plans were based upon a liberal interpretation of "Hemisphere Defense." According to General Spaatz, "the integrity of the Western Hemisphere . . . is paramount to such an extent that it determines the propriety of all national effort." Since air power played "the paramount role" in this concept, the distribution of available aircraft, according to Spaatz, should be determined with that principle clearly in mind. The Air Staff in late August calculated, on the basis of the progress of the European war, that March 1942 was the earliest likely date for an active threat against the Vestern Hemisphere. Under existing programs, however, sufficient aircraft would not be available by

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then. "Since there is no assurance that aid rendered nations opposing the Axis powers will prevent success by the Axis," concluded Spaatz, "such aid should be viewed as a gamble . . . until minimum forces for Hemisphere Defense are available. The future diversions of aircraft to other nations, therefore, should no more than suffice to keep "such nations in active opposition to the Axis."²¹

The concept of Hemisphere Defense, however, was broad enough to include both the Hawaiian and the Philippine Departments. Hawaii, "the most vital outpost" in the west, according to the Air Staff, would face the threat of attempted landings "in the event of an Axis victory." But a strong bombardment force, with a minimum of three heavy groups, could make that outpost secure. It was also believed that a sufficiently strong bombardment force in the Far East would constitute a further and necessary guarantee of security. For this reason, four heavy bombardment groups, consisting of 272 aircraft and 68 in reserve, together with two pursuit groups of 130 planes each had been set up in the plans to maintain "a strategical defensive in Asia and for the protection of American interests in the Philippines."²²

Steps to implement these plans for further reinforcement of the Far East had already been taken. Early in August 1941 the Secretary of War approved a program which would send modern planes and equipment when available to the Philippines. At the same time, General Spactz had arranged for 50 P-40N's to be sent directly from the factories, and for 28 P-40B's, taken from operating units, to be





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boxed, crated, and shipped to the same destination in September. Nore efforts, however, were focussed on providing MacArthur's command with a group of heavy bombers. The possibilities were not very extensive, and a logical choice was that of the 19th Group, a group which probably had had more experience than any other in flying E-17's. It was more difficult to find sufficient aircraft to equip a complete group. The 19th itself had only 14 planes, B-17D's; in Hawaii, the 5th and 11th Groups had approximately 20 of the same type; the 7th Group was at Fort Douglas, Arizona, with 8 B-170's and 5 B-17D's; the 39th Group at Geiger Field was flying 5 B-170's; while approximately 25 additional B-17B's and C's were at factories and air depots being modified for combat. Since these planes were the only ones available, it was recommended that the Air Force Combat Command assign sufficient B-17 D's, C's, and B's, in that order of preference, to bring the 19th Group up to its authorized strength of 35 planes, and that the 19th Group, less one squadron, be transferred "at the earliest practicable time" to the Philippine Department, with the air echelon effecting the transfer by air. 23

No Army heavy bombers had hitherto made the flight from the United States to the Philippines. In fact in March and April 1941, a plan for a mass flight of B-17's to Hawaii from San Francisco was at first unfavorably considered because of a fear of public reaction should the flight fail. This, it was felt, would have been dameging to the prestige of the Army Air Corps, particularly since the Navy had already completed a number of successful flights to Honolulu.





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Nevértheless, plans were finally completed and 21 B-17's, flown by members of the 19th Group, made the 2,400-mile flight to Hawaii on 13 May 1941.²⁴

By the end of July, it had been decided that crews in Hawaii organized into a provisional squadron, rather than the 19th Group, would pioneer the air lanes to the Philippines with nine of the Hawaiian B-17's. The chief delaying factor was the dearth of information on certain portions of the route. A 2-year-old plan of following an Atlantic route had given way to the more logical one of reaching Manila via Midway, Wake, and Darwin, Australia. In August 1941, however, no one in Hawaii or the United States apparently knew what facilities were available in Australia; moreover since the hop from Wate to Darwin would have been dangerously long, some one had to determine what intermediate airfield was available. Telephone conversations with Australian authorities yielded insufficient information: consequently two Army officers were flown by Navy plane from Honolulu with orders to survey the facilities at Rabaul in New Britain, at Port Moresby in New Guinea, and at Darwin. Meanwhile the Fourteenth Naval District was rushing runway construction on Midway and Make in the hopes that the B-17's could take off from Hawaii for Midway on 5 September.²⁵

By September the War Department and the Hawaiian authorities were completing preparations for the trip. Picked crews, under the leadership of Maj. Emmett O'Donnell, Jr. were reaching a high state of training, and on 1 September the provisional organization was

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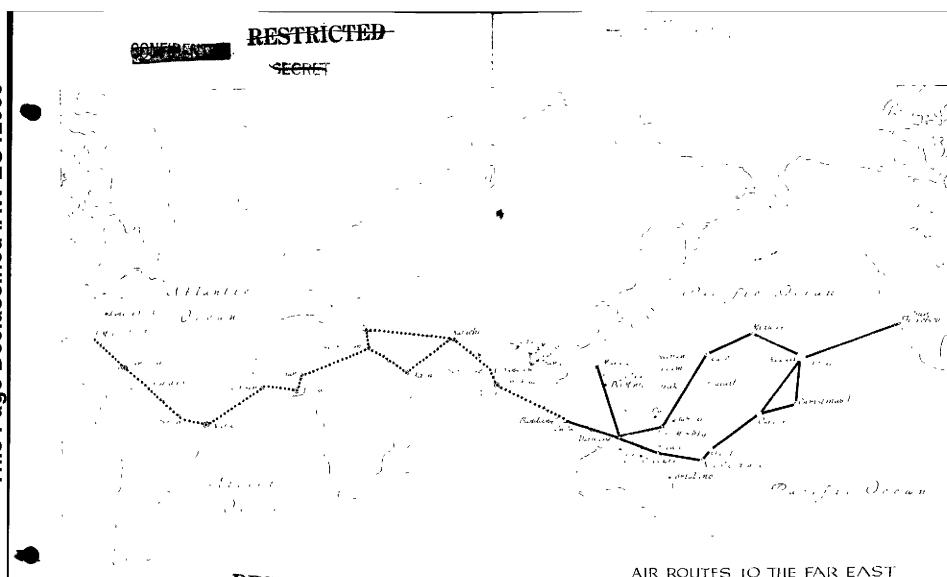
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designated the 14th Bombardment Squadron (H). By the first of the month, too, their route had been chosen. The planes were to fly to Manila via Midway, Wake, Port Moresby, and Darwin, and progress was to be reported regularly by radio. The fuel supply was expected to be a problem, for it was not known if a sufficient quantity of aviation gasoline was available in Australia. If, as was expected, it became necessary to use 90-octane gas, the crews were instructed to use the maximum 100-octane possible. In such a case, the main tanks were to contain the best blend while the poorest would be placed in the bonb bay. A few details of a diplomatic nature also had to be settled. On 3 September the Havaiian Department learned that Australian authorities had granted the necessary permission to fly over their territory and territorial waters, but O'Donnell was ordered to notify the Air Board at Melbourne of the expected time of arrival at Fort Horesby and Darwin. He was to route these messages through the United States Navy and the Australian Naval Board. Before departing from Darwin, he was to warn the governor of the Notherlands East Indies at Batavia that the B-17's would soon the be flying over his territory. It was emphasized that/movement was of such a delicate nature that all details were to remain secret even after the arrival at Clark Field.²⁶

At 0600, 5 September, the flight consisting of 9 B-17's, 26 officers, 3 aviation cadets, and 46 enlisted men took off from Hickam Field. Three of the officers, a weather officer, a communications officer, and a flight surgeon, were to return to Hawaii upon



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completion of the trip.²⁷ The planes flew the first leg of the journey to Hidway--1,132 nautical miles--without incident except for two hours instrument flying through rain and heavy clouds. Weather conditions, however, were never serious enough to cause much variation from a predeternined altitude of 8,000 feet. As the 3-17's approached lidway, they received satisfactory radio bearings from Pan American facilities there and contacted the control tower by voice for landing instructions. After 7 hours and 10 minutes in the air, the flight landed on the 4,500-foot runway. The gasoline facilities consisted of two pits and arums. O'Donnell decided to refuel only from drums since the men would need this experience at Wake where it was known that only drums were available. Fortunately they had brought along engine-driven gas purps "which proved to be lifesavers," varticularly as the local marine service detachment was off on maneuvers. In less than four hours after landing, the crews had completely serviced and staked down the planes for the night. The officers found the housing and mess facilities excellent, although located on another island. The enlisted men, on the other hand, slept under the wings of their own ships, ate at an unappetizing

On the following day, the nine planes took off at 0445 (Wake Time) without mishap except for hitting a number of large birds. They cruised at 8,000 feet through excellent weather, crossed the international date line at 0745, and "in one second it became Sunday September 7." They received fairly accurate radio bearings from

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mess, and furnished five men each meal for kitchen police.

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Wake, and rolled onto the landing field at 1120, having flown 1,035 miles. A construction company building installations at Wake had made careful preparations for their reception. Gasoline drums had been placed in the parking area so that each ship could taxi up to its own supply. The meals were excellent; some of the crews were even entertained at a barbeque steak dinner. The beds were also most satisfactory, but the crews could not enjoy them for long as the take-off had been scheduled for midnight.

Since the 2,176 miles from Wake to Port Moresby involved crossing some of the Japanese mandated islands, it was considered wise to avoid a possible international incident by flying over this area at night. The take-off occurred successfully from a runway lined with gasoline flares, but shortly thereafter one B-17 piloted by Capt. W. P. Fisher had to return for repairs. In L_2^1 hours, however, he was able to resume his flight. For the first 2 hours, the flight kept at the customary 8,000 feet, but as it approached the Mandates. it climbed to 20,000 feet and turned out all lights. To this time, the weather had been perfect. Now, however, heavy clouds hid the bright moonlight, and the planes climbed to 26,000 feet without topping then. Fortunately there was little turbulence although rain fell heavily around the ships. Complete radio silence was preserved during this phase of the flight. Consequently the planes lost track of one another, but when they resumed radio communications, O'Donnell found all ships in their assigned positions. At this point, the B-17 piloted by Lt. Edward C. Teats developed engine trouble. Teats





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also discovered that in some way he had lost 175 gallons of gasoline. He considered this serious enough to warrant an emergency landing at Rabaul but was warned of soft fields there, and so continued with the flight. At 1255, Monday, 8 September, he successfully landed at Port Moresby with the rest of the squadron.

The crews found the Australians genial and hospitable. In his welcome, the territorial administrator pointed out the historical significance of the occasion since, according to him, theirs was the first U. S. Army unit ever to set foot on Australian soil. The Air Corps officer who had served as an advance agent for the 14th Squadron had procured Australian enlisted men and Papuan natives to service the ships, but for the first time sufficient 100-octane gasoline was not available, and a blend of 100 and 90-octane had to be used. Leaving members of a Papuan infantry battalion guarding the planes, the crews paid a visit to the town finding rather primitive facilities, little in the way of sanitation or running water, and, with the exception of some native fruit, only canned food to eat. After a day's rest at Port Moresby, the B-17's resumed their flight at 0845, Wednesday, 10 September. They covered the 934 miles to Darwin in 6^1 hours. Here they found an excellent airfield with huge runways running in "all directions." The crews were greeted officially by the Administrator of the Northern Territory and not so officially by friendly members of the RAAF, who gave them a gala party and obtained souvenirs by stripping the officers of all their insignia.

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The planes at first cruised at 9,000 feet through excellent weather, but as they approached their destination the skies became overcast. They had received several favorable weather reports from Clark Field, but when they reached the southern tip of Panay, they were advised to land at Del Monte. This message confused O'Donnell. He knew nothing of Del Monte and had been told by radio before leaving Hawaii that Clark was the only field suitable for landing B-17's in the Philippines; so he continued on his predetermined course. The weather grew steadily worse, and the B-17's were maneuvered into storm echelon, keeping over water to avoid mountains, and flying at an altitude of from 100 to 400 feet. Hourly position reports kept the planes in their assigned formation. Fortunately when they reached Manila Bay, they found "a dome of good visibility" near Corregidor. They circled over that area while O'Donnell dispatched one plane every 3 minutes toward Clark Field 60 miles to the North. As each pilot let his plane down over the unfamiliar runway, he was completely blinded by rain driving on the windshield and had to rely on the engineer looking out the dome behind him for directions. In spite of the hazards, all planes landed safely with only one slight misher when a 3-17 grazed a B-18 varked near the runvay.

By 1600 on 12 September, the historic flight had been completed. O'Donnell in summarizing his experiences pointed out that the secrecy which surrounded the movement had prevented the personnel at the airfields along the route from knowing when to expect his arrival,



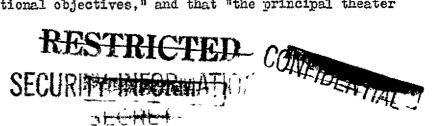




that weather reports had been insufficient, and that the crews had had inadequate knowledge of the Philippine Islands. This last was particularly unfortunate in view of the stormy weather which confronted them as they neared Clark Field. They had learned upon their arrival that a study of the islands had been prepared weeks before and had been sent to Hawaii by clipper in sufficient time to reach them for their take-off. The clipper, however, had cracked up at Guam, and thus this important information had never arrived.²⁸

In spite of these minor difficulties, however, the 14th Squadron had succeeded in its flight and thus had moved the Far East closer to the United States. Those who envisaged a successful defense of the Philippines against enemy attack now had irrefutable proof that air reinforcement was feasible. This fact undoubtedly helped to shape American policy in the fall of 1941, even though it was recognized that air and ground forces could not be prepared for "ultimate decisive modern combat" before 1 July 1943.²⁹

On 11 September 1941, a Joint Army and Navy Board approved a document which listed the assumptions upon which future plans were based. According to this study, American national policy included the accepted principles of the Monroe Doctrine, freedom of the seas, aid to Britain, and to other anti-Axis nations, and strong disapproval of Japanese aggression in the Far East. It assumed, furthermore, "that eventually the U.S. will employ all armed forces necessary to accomplish national objectives," and that "the principal theater



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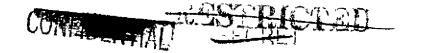
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of operations is Europe, but other possible theaters may later appear desirable."³⁰ Although this plan asserted that the ultimate objective of the final phase of proposed operations was "the total defeat of Germany," the text of the plan included a strong statement concerning the importance of the Philippines. The general scheme of operations still required only "a strategic defensive in the Far East." But this strategic defensive included the maintenance of the integrity of the Philippine Islands which were now considered "too important to our position in the Far East and our prestige in the world" to be vermitted to pass under Japanese control. With the increase of American diplomatic pressure on Japan, therefore, the Joint Board considered vital "a substantial increase of our forces in the Far East," and gave primary consideration to the creation of "a moderately strong air force" in that theater. This was to include the strengthening of the Philippine garrison to protect present and future air bases, the disposition of two pursuit groups to provide protection for the Manila area and for bombardment bases in northern Luzon, and the movement of four heavy bombardment groups to the Philippines as soon as possible.³¹

Even as the plan was being put in its final form, specific steps were being taken to implement it. On 7 September, General MacArthur had stated that the one American division already in his command, supplemented by units of the Philippine army, provided an adequate infantry carrison. He felt at this time that his greatest needs were supplies and equipment with particular emphasis on aircraft

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warning facilities together with aircraft and necessary equipment. Marshall concurred in these suggestions and promised more air reinforcement as soon as Philippine airfields could accommodate additional planes, adding that the USAFFE was being placed "in highest priority" for equipment including authorized defense reserves for 50,000 men.²²

MacArthur had already received funds earmarked for the construction of adequate airfields, and a substantial program was under way. In August, an AG letter had authorized the ergenditure of \$2,273,000 for specific airfield projects.³³ This amount had proved inadequate, and on 1 October negotiations were completed for the transfer of an additional \$2,200,000 from "Public 29 Airplane Deferred Storage Program" to the Philippine Department for Air Corps projects only, and before the end of the month \$5,000,000 more were allocated for similar purposes.³⁴

Although some progress was thus being made in airfield construction during the fall, aircraft warning facilities, also recognized as of primary importance, remained almost non-existent. Early in September, a project designed to give thorough aircraft warning coverage of the Philippine Archipelago was submitted to the War Department from Headquarters, USAFFE. This project called for at least 10 long-range detectors and 16 tracking stations. To fill these needs, 1 SCR 272 and 2 SCR 271's were en route by the middle of September, and 3 SCR 270's were scheduled to be shipped by 1 October. In addition, General Marshall stated that \$190,000 could

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be released for aircraft warning construction, and that an additional \$200,000 would be included in the supplemental estimate for the fiscal year 1942 in order that 3 detector stations and 1 information center might be completed.³⁵

Heanwhile plans were maturing for the transfer of additional aircraft to General Clagett's air force. The Army-Navy Joint Board had recommended 4 heavy bombarament groups and 2 pursuit groups. But by 1 October only a beginning had been made on that program. The USAFTE had one pursuit group consisting of the 31 P-40's and the obsolescent P-35's, the 9 B-17's of the 14th Squadron, and a few 3-18's. The schedule to augment the number of pursuits to two-group strength was somewhat vague. General Marshall, on 9 September, had informed MacArthur of a proposal to increase the number of his pursuit squadrons from three to five. Two weeks later a plan was being considered to transfer two pursuit squadrons from Hawaii by 1 January 1942.³⁶ On 2 October the Secretary of War was informed that 50 pursuits had reached Manila on the President Pierce, the President Coolidge, and the American Press, all of which had arrived before 30 September. Yet a radio message from Manila showed only a total of 23 P-40B's on hand as of that date, and these had been in the Philippines since May. By the end of September, 25 P-40E's anneared for the first time in a status report, but this still left 25 pursuits unaccounted for. 37

More definite information exists regarding the transfer of bombardment aircraft to USAFFE. Early in September, MacArthur informed



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Olagett that he was to receive a light bombardment group of three combat squadrons. Within a month, preparations were under way for the transfer of the 27th Bombardment Group (L) to the Philippines, on or about 1 November 1941. At the same time, every available effort was being made to collect 52 A-34 aircraft to equip this group. 38 MacArthur could also count on a reasonably specific schedule for the arrival of heavy bombers. General Marshall on 9 September had asserted that two squadrons could be dispatched during October, and before the end of the month arrangements had been made for the transfer by 1 October of a headquarters and headquarters squadron together with the 30th and 93d Bombardment Squadrons, all of the 19th Group. During that period also the air echelon of these units was to fly 26 B-17's to the same destination. This movement, it was hoped, would be only one in a scries of flights which would include 33 heavy borbers in December, 51 in January, and 46 in February. Thus, the War Department had allocated 165 heavy bombers to the Philippines to be delivered before 1 March 1942. In view of the fact that the estimated production of both B-17's and B-24's for that period was approximately 220 aircraft, this program demonstrated the ϵ rowing importance of the Far East in American strategy.

Obviously the highest priority in the entire program was being given to heavy bombers. It was obvious also that these aircraft would have to be ferried to their destination. The 14th Squadron had tested the route via Hawaii, Midway, Wake, Port Moresby, and Darwin. But, as has been pointed out, that route necessitated flying over a number of the Japanese mandated islands, in which area RESTRICTED

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the Japanese were notoriously inhospitable to visitors. It was desirable, therefore, to find another route, one which would be safer than that followed by O'Donnell's nine B-17's but if possible just as expeditious. The Eavy had already foreseen the desirability of staging long-range aircraft across the Pacific and had considered the possibility of basing land planes at a number of naval air stations in the South Pacific. Thus in reply to a request for information by the Chief of Staff, Admiral Stark could reply on 10 October 1941 that one runway at Palmyra would be usable by 1 January 1942 and completed by 1 March, that two runways at Sanoa would probably be usable by 1 July 1943 and completed by 1 December, and that the Havy Department was prepared to undertake the construction of an airport on Canton Island, ⁴¹

By the end of October, the Army had taken steps to further the project. General EacArthur, responsible for the portion of the route west of New Caledonia, had already negotiated with officials in Australia and the Netherlands East Indies. The Commanding General of the Hawaiian Department, Lt. Gen. Walter C. Short, who was charged with the development of the route "east of, but including, the Solonon Islands and New Caledonia," was gathering ships to transport construction personnel and equipment to Canton and Christmas islands. ⁴² Yet the continuation of the route toward Australia required attention to diplomatic details as well as to tremendous problems of supply and construction. Clearly the job had just begun.





Since heavy bombers would not be able to use the southern route for several months, the 3-17's of the 19th Group were to follow the course pioneered by the 14th Squadron. The date of departure of the next flight was contingent upon the availability of gasoline and oil at refueling points along the route. Even before the 14th Soundron had left Hawaii, the Air Staff had concluded that in order to carry out routine flights to the Philippines, 40,000 gallons of 100octane gasoline should be maintained at both Wake and Midway, 60,000 callons at both Port Moresby and Darwin, and a reserve supply of 10,000 gallons at Rabaul. After the 14th Squadron had completed its movement, Midway and Wake still had adequate fuel reserves, but those at Port Noresby and Darwin had to be replenished. In order to accomplish this most efficiently, General MacArthur was requested on 11 September to supply those two points and Rabaul from . his own gasoline reserves. At the same time, he was assured that the War Department was planning to send more 100-octane to the Philippines as soon as shipping was available. 43

The shortage of tankers and lack of coordination delayed the accomplishment of this plan. General MacArthur, for example, did not acknowledge the first message from the War Department requesting a shipment of fuel to Darwin and Port Moresby. This required a follow-up message. Later the Australian authorities, who were disturbed about the shortage of 100-octane, were kept in the dark as to when they might expect to receive an additional supply. By the middle of October, however, some of the difficulties had been ironed **EXENTION**

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out. MacArthur had chartered two ships, the <u>American Press</u> and the <u>Vincent</u>, to transport 10,000 Gallons of gasoline to Rabaul, 140,000 gallons to Port Moresby, and 85,000 to Darwin. Moreover, arrangements had been made to maintain an adequate amount at these points by shipment from the United States.

The movement of the gasoline to Port Horesby, according to MacArthur, was to be completed by 19 October. The final arrangements for the flight of the 19th Group could, therefore, be made. Although the War Department had been planning this movement for several months, the final alert came unexpectedly by a telephone message on 16 October. The planes had been undergoing extensive depot overhaul, and several technical difficulties were discovered at the last moment. It was found, for example, that the bulkheads and internal bracings of the fuselage within the radio operator's compartment were not strong enough to withstand the recoil shock of dual .50-caliber guns, which necessitated last-minute strengthening of sections of that part of the plane. In spite of these and other delays, however, 26 B-17's had arrived at Hickam Field by the morning of 22 October.⁴⁵

Meanwhile precautions were being taken to prevent possible Japanese interference with the flight to the Philippines. The airfields at Midway and Wake were in a particularly exposed position to naval or air attack, and Army authorities wished to be reassured of the condition of the island defenses. This fell under the jurisdiction of the Havy, and on 17 October General Marshall addressed a SECONFIDENTIAL

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detailed memorandum to the Chlef of Naval Operations informing him of the plans to reinforce the Philippines. It also emphasized the need for unusual precautions at Midway and Wake and stated that if the Kavy Department were "in a position to render assistance in this matter," detailed arrangements to insure the safety of the B-17's while on the ground should be made between the Coumanding General, Hawaiian Department, and the commander of the participating naval components. Admiral Stark immediately directed the Commander in Chief of the U. S. Pacific Fleet to take special procautions at Wake and Midway. At the same time, he informed Marshall of the land defenses on those islands. According to his statement both had a Marine garrison, but the defenses at Wake were incomplete and only partially manned. Widway, on the other hand, was equipped with 5inch naval guns emplaced for low-angle fire together with 3-inch antialreraft and .50- and .30-caliber machine guns.⁴⁶

With this information from the Navy, the War Department directed the 19th Group to prepare for departure from Hawaii on 22 October. The experience of the 14th Squadron had shown that Darwin and Midway could have handled all 26 planes at the same time. The facilities at Port Horesby and at Wake, however, were limited to not more than nine planes. Thus the group was divided into a number of flights, the first of which took off from Hickam Field on 22 October. Their instructions were to avoid as far as possible the Japanese Mandates, and to maintain in this area a high altitude and complete radio silence except for distress signals. Ead weather delayed the planes

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from the start, several flights being temporarily grounded at Midway and Wake. Engine trouble also was more frequent than had been the case in the movement of the 14th Squadron. Nevertheless the first eight 3-17's arrived at Clark Field on 29 October, one wee's after leaving Hawaii, and all but two had arrived by 4 November. These two were delayed at Darwin by engine trouble but later arrived safely.

The arrival of the 26 B-17's in the Philippines was a landmark. It meant more than the simple fact that the Air Force, USAFFE, now possessed 35 modern heavy bombers. It symbolized a new and stronger American policy toward the Far East. In 1939 only a token force, both air and ground, had existed in the Philippine Department. Responsible officers of the Air Corps, notably General Arnold and General Spantz, were fully aware of the inability of that force to withstand any full scale attack; yet at that time they had neither the men nor the materiel to establish an effective garrison there. Furthermore, attention was focussed principally on Europe rather than the Pacific. By the fall of 1941 ambitious programs for expansion of the Air Corps had been launched, and the Philippine Islands had been recomized as one of the most important outposts for defense of the Western Henisphere. The 26 E-17's accordingly symbolized the dawning hope that, if the new program of reinforcement could be completed before a Japanese attack, the Philippines could then be held.

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Chapter II

THE PMRIOD OF ALERT, MOVELBER TO 7 DECAMBER 1941

Diplomatic events in the fall of 1941 were pointing more and more clearly to a crisis in the Far East. In July, negotiations between the United States and Japan had broken down following a series of economic squeezes to which both England and the United States had subjected Japan. In August a personal letter to President Roosevelt from Prince Konoye, the Japanese Premier, had urged a resumption of negotiations, but in late September a Japanese note indicated little chance for compromise. Particularly disturbing was the replacement on 17 October of Prince Konoye by General Tojo, an avowed militarist, known to have extreme views as to Japan's role in Asia. Both the Mar Department and the USAFFE command, aware of the crisis, were rushing the completion of necessary defenses and reinforcements.

Developments prior to November, such as the creation of USAFFE under EacArthur, the reorganization of air units under Glagett, the appropriations for airfield facilities, and the plans for reinforcement of pursuit and bombardment units, had laid a foundation for further expansion of both ground and air forces. General MacArthur believed, however, that a new organization was necessary for a more effective employment of his air units, and early in the fall had requested that Maj. Gen. Lewis H. Erereton be sent to the Fhilippines **RESTRICTED**

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to effect this change. Brereton, with a long and varied career in the Air Corps which included the command of the 17th Bombardment Wing, GHQ Air Force and the command of the Third Air Force, had just completed a series of experiments testing the employment of air units in cooperation with ground troops. During the first week in October, he was relieved from command of the Third Air Force and sent to Washington for abrief period of orientation before reporting for duty in Maniha.¹

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During the ensuing conferences at Washington, the form of a new air organization for the Fhilippines was determined. It was decided that Erereton's command would be known as the Far East Air Force. At the same time, during a meeting of 16 October, General Arnold in consultation with Erereton decided upon the activation in the Philippines of the V Bomber Command and the Far East Air Service Command. This was in accord with a general plan to inactivate Air Corps wings and substitute functional commands. Arnold further suggested the inactivation of the 4th Composite Group and the employment of the headquarters personnel thus released in the new commands.²

Following Brereton's arrival in the Philippines, therefore, the air force was completely reorganized. The changes determined upon in the Washington conferences becaue effective on 16 November 1941. The newly-activated Far East Air Force included the V Bomber Command under Lt. Col. Eugene L. Eubanh, who also remained the commanding officer of the 19th Group; the Far East Air Service Command under



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Gol. L. S. Churchill, former commander of the 4th Composite Group; and the V Interceptor Command under General Clagett.³ MacArthur did not believe that he had the personnel required by the new organizations and radiced an urgent appeal for more. The War Department replied that additional officer and enlisted personnel would be sent by the first available transport, and that 1,978 enlisted men would be ready for shipment on or about 1 December 1941. In general, however, it was felt that the Far East Air Force had "present for duty more than the percentage of experienced personnel in other combat units in the Army Air Forces," and that particularly for staff work, MacArthur could choose from a large number of regular Army officers already in his theater.⁴

Géneral Clagett's position by this reorganization had become personally embarrassing. In August he had been assured that General Arnold favored his promotion and would push it through if approved by either General Grunert or General H-cArthur. MacArthur had stated later that Clagett's duties had been performed to his entire satisfaction. Nevertheless Brereton had received the command of the air force while Clagett had been relegated to a subordinate position as commanding officer of the V Interceptor Command. The latter believed that this loss of position inevitably produced a situation "inimical to the utmost defense effort," and though he had shared responsibility with Brereton and Exarthur in effecting the reorganization, he felt that his presence might restrict their

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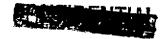
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freedom of decision and action. Accordingly on 12 November he reouested a return to the United States. Brereton approved the request for transfer principally on the grounds of Clagett's poor health and at the same time praised his efficiency and ability. The final decision, however, was not made until 13 December when it was decided that the change was not practicable "in view of the Pacific situation."⁵

Clagett's V Interceptor Command consisted of the 24th Pursuit Group, composed of the 3d, 17th, and 20th Souadrons. The pilots of these units had received considerable training in pursuit tactics in a special training unit at Clark Field and in gunnery at Iba Field, 75 miles northwest of Manila. During November, the 21st and 34th Squadrons of the 35th Pursuit Group arrived from the United States and were attached to the 24th Group pending the arrival of their own organizations.⁶ These squadrons divided up the available P-40's, and supplemented the comparatively few modern planes with obsolete P-35's. Shortly after Brereton arrived, he reported that the three pursuit groups were equipped with 53 P-35's, 28 P-40B's, and 25 P-40E's. This did not take into account almost 100 additional P-40E's, which were to arrive before the end of the month.⁷

Within the Bomber Command the 19th Group remained the principal unit, and its 26 planes arriving in November the last bomber reinforcement of the Philippines. Of the original group only the 30th and 93d Squadrons had as yet been transferred from the United States. On 16 November, however, the 28th Squadron, a medium unit which had

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been in the Philipvines for some 15 years, was assigned to the 19th Group and equipped with B-17's. Heanwhile the veteran 14th Squadron maintained a separate existence until 2 December when it too joined the same group. If the program of reinforcement had gone according to plan, additional heavy units would have been added. Before 1 November, the Adjutant General had authorized the movement of the ground echelon of the 7th Bombardment Group to the San Francisco Port of Imbarkation. It sailed on 21 November. The air echelon was to proceed by flights of nine aircraft each in late November or early December as soon as run-in tests had been completed. Arrangements were also being made for the transfer of the 32d Bombardment and the 38th Reconnaissance Squadrons (H). In addition to heavy units, a light bombardment group was allocated to the Philippines, and on 1 November the 37th Bombardment Group (L) sailed from San Francisco on the transport President Coolidge. Ten days later their aircraft, 52 Douglas A-24's, reached Hawaii on the transport Heigs but were delayed there until the 24th for a naval escort. The A-24's never did reach the Fhilippines, but both the air and ground echelon arrived on 20 November.⁸

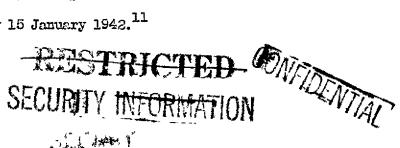
Although it was expected that flights of heavy bombers would continue to use the northern route (Midway, Wake, Port Moresby, and Darwin), negotiations were continuing for an alternate route further south.⁹ Actual construction could not commence on certain strategic islands, such as Christmas and the Fijis, until permission was received from the British and the New Zealand governments. Not until



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the first week in November, however, was a clear go-ahead signal received from England. At that time Anthony Eden assured the United States that the government of the United Kingdom joined those of Australia and New Zealand in offering complete cooperation, that they would undertake all construction within their power, but that they would velcome any technical and financial assistance which the United States might offer.¹⁰

By this time, the Hawalian Department had almost completed preparations for moving construction material to prospective bases at Christmas, Canton, New Caledonia, and the Fijis. General Short planned to by-pass Palnyra and Sanoa, where runways were being constructed by the Lavy. He believed that "obstructed approaches" would render the Samoan field extremely dangerous for heavy bombers, and that the heavy rains on Palmyra would prevent continuous overations from that point. Furthermore it was considered doubtful whether the Favy would be able to finish their construction projects in time for the projected flights. By the end of November, a small fleet of supply ships and barges were carrying construction materials from the west coast and Hawaii to Canton, Christmas, and even farther west to New Caledonia and the Fijis. Energetic engineers were laying down runways with such speed that Maj. Gen. F. L. Martin, Commanding General of the Hawaiian Air Force, expected that all landing fields necessary for operations over the southern route would be available by 15 January 1942.11



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Arrangements for improvement of the western portion of the route had made even greater headway. The Australians had offered sylendid cooperation since American bombers had first begun to fly the Facific. By November the Commonwealth government had granted permission for the establishment not only of air ferrying routes, but also of training bases, maintenance facilities, munitions storage, and communications. On 16 November General Brereton left Manila to survey the facilities already available. Following an inspection tour which included Darwin, Port Moresby, Rabaul, Lae, and Townsville, he conferred from 21-23 November with the Chief of the Australian Air Staff, Sir Charles Burnett, at Kelbourne. In these conferences, negotiations were begun not only for improving airfields so that they would be usable during the rainy seasons, but for developing Australian maintenance facilities to service American planes.¹²

General Brereton's conferences with Australian military and political leaders were only one indication of a growing cooperation between the "associated powers." Air Chief Earshal Sir Robert Brook-Popham had gone to Manila from Singapore at least twice to confer with General MacArthur. Frequent conversations had occurred between Admiral Hart, Commander in Chief of the Asiatic Fleet, and British and Dutch naval officers. At the same time, some coordination was achieved between the activities of naval aircraft, the 30 PBY's of Patrol Wing Fen based in the Philippines, and those of the Far East Air Force. Bart claimed, however, that his attempts to promote further coordination met a "decided rebuff" from Army





authoritics. Hevertheless, by the end of October the PBY's were maintaining offshore patrols with particular attention to the area off the western Luzon coast.¹³

Growing cooperation produced by the increased tension in the Far East coincided with a change in the Joint-Army-Navy War Plan, a change which was a re-affirmation of the importance of the Philipyines in American strategy. The basic war plan, RAIEBOW 10. 5, had at first envisaged only defensive operations carried out by Army ground forces and the Asiatic Fleet working in close cooperation. In November, the growing strength of the Far East Air Force encouraged a modification of this plan to include offensive action. It specifically called for "air raids against Japanese forces and installations within tactical operating radius of available bases." "MacArthur was given broad powers to develop the modified plan in conjunction with British authorities in the Far East. At the same time, he learned from Marshall that earlier agreements which had called for "British strategic direction" in the Far East had given way to one which recommended "mutual cooperation."

This modification of the basic war plan was immediately supplemented by a decision on the part of the Air Staff to accelerate the dispatch of heavy bombers to Drereton's command. In fact, by the second week in November, the Far Mastern situation was considered so tense that it was planned to transfer "all modernized B-17 type aircraft from the United States" to the Philippines, and within few days this project was broadened to include all B-24's as well. The **RESTRICTED** SECURITY INFORMATION

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proposed transfer would have left 17 B-174-4-251h the continental limits of the United States. Eleven of these were obsolete (B-17A and B types), another (a B-170) was in a repair depot on 20 November, and 5 B-17E's were being used for test flights. Twelve B-17D's, assigned to the Hawaiian Department, were also being prepared for the Philippine flight, but General Spaatz believed that a release of these planes from Hawaii was not advisable at that time. The Tar East Air Force, however, was definitely considered to have highest priority in allocation of heavy bombers, and General Arnold felt that the necessity of reinforcing the Philippines made the curtailment of training activities in Hawaii unavoidable. In a letter of 1 December to General Eartin, the Chief of the AAF said, "We must get every B-17 available to the Philippines as soon as possible."¹⁵

Since the southern route was not yet complete, the flights of heavy bombers were to be dispatched via the old route. With the growing concern over Japanese intentions, however, the safety of aircraft in transit was more and more open to question. It was also realized that a Japanese solute of either Wake or Midway would prevent any deliveries over that route. General Spaatz, therefore, unged that all available heavy bombers, as well as pursuits, destined for the Philippiner should be on route not later than 6 December, and . expressed the hope that 48 B-17's and B-24's could be dispatched from the United States by that time.¹⁶

In the meantime, the Air Staff considered measures to insure the safety of the Midway and Wake bases. The principal threat came from



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Japanese forces in the Marshall and Caroline islands. Late in October, the British had warned the United States that two aircraft carriers were operating within the Mandates. Thus was presented the problem of determining the course of action to follow in dealing with a potentially hostile force. The most effective course might have been for the United States Mavy to remove the threat by taking offensive action. It was believed, however, that such an act of war should be avoided "at least until our forces in the Philippines [had] been reinforced to their contemplated strength." The recommended action was primarily defensive and in keeping with a national policy not to commit the "first overt act." The commanders of the heavy bomber flights were to be instructed to use "evasive action" and to avoid any contact with Japanese units. In addition it was suggested that the Kevy provide light surface craft and patrol planes for the protection of Midway and Make. By 23 November, plans had been completed to send 13 Marine planes to Miduay and 12 to Wake. Further sore the army us testing the feasibility of flying pursuits off an aircraft carrier with the intention of sending 25 P-40's by that means to the same Pacific bases. 17

Japanese activity in the western Pacific continued to increase. The British warning of the presence of two Japanese aircraft carriers in the Handates had occurred late in October. In less than a month, a further warning stated that Japanese planes had been detected flying over British territory, apparently photographing some of the islands in the Gilbert population ersymptotic pactivities brought

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a suggestion from Singapore that the "associated powers" carry out reconnaissance missions of their own and photograph all the Japanese Mandates, the coast line of French Indo-China, and other areas occupied by Japan.¹³

This proposal received almost immediate approval from the War Department. On 26 November, MacArthur was informed that two B-24's equipped for high-altitude photography were to depart for the Philippines within 48 hours. On the same day, General Short was specifically informed of the mission of these planes. They were to photograph Jaluit in the Marshalls and Truk in the Carolines. In addition they were to obtain as much information as possible on the number and location of guns, airfields, barracks, and naval vessels including submarines. The E-24's were to fly at high altitude and were to avoid Japanose aircraft, but they were instructed to "use every possible means of self-preservation if attacked by planes."¹⁹

The accomplishment of the mission was held up by a series of delays. Erereton notified the EMAF authorities at Port Moresby on 29 November that two B-24's would probably arrive within 48 hours. On the same day, a message was dispatched to MacArthur stating that the crews had been "instructed." But three days later the War Department informed him that the mission was believed impracticable because of the distance to be flown. Nevertheless, on 5 December, one of the B-24's landed in Hawnii. The plane lacked among other things a ".50-cel. tunnel machine gun, adapter and accessories; .50-cel. guns, mounts, adapters and accessories for port and starboard sides; .50-cel. uns, mannes, conters and accessories for upper hemismere."

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Horeover it had no armor plate installation. General Short, therefore, decided to hold the plane in Hawaii until it was "satisfactorily armed," and by 6 December MacArthur had given up hope, temporarily at least, that the photographic mission could be undertaken.²⁰

Aerial photographs taken of the Mandates might have provided useful information of Japanese military movements, but such intelligence was not necessary to warn the Far East air commanders of the danger of attack. Aggressive Japanese moves along the Chinese coast, together with the public pronouncements of leading Japanese officials, provided sufficient evidence to warrant every possible precaution. As early as 10 November, General Brereton had enumerated emergency duties for all post, group, and separate squadron commanders. All elements of the Far East Air Force were to be prepared for emergency operations "at any hour of day or night." Effective on 10 November, each headquarters "down to include each base and occupled airGrome and each group and separate squadron" was to maintain a 34-hour message center and was to designate an "alert officer" in addition to the officer of the day. Base commanders were to keep sufficient personnel available at all times for necessary guard auties and for operation of any facilities required in an emergency. In addition, Brereton gave special instructions to pursuit and group commanders. The pursuit group commander, Maj. O. L. Grover, was to keep a three-plane flight from each oursuit squadron on the alert from dayoreak until dark, to have crews for all flyable aircraft on "two-hour readiness" call day and night, and to provide such SECURITY IN OP

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dispersal of aircraft as would minimize the effects of an aerial attack. The bombardment group commander, Lt. Col. Eugene Eubank, received similar instructions: to maintain one squadron at all times and a flight crew for all aircraft in commission on "two-hour readiness" call for reconnaissance and bombing missions, and to arrange for the most effective dispersal possible of bombers on the ground.²¹

By the end of the month, last hopes of peace were fading. On 26 November Admiral Hart received a Navy Department dispatch indicating serious developments in Jayanese-American relations. On the following day, General Marshall informed MacArthur by radio message that negotiations with Japan had "to all practical purposes" broken down, that future developments were unpredictable, and that "hostile action" was possible "at any moment." MacArthur was further advised that in the event of hostilities "the United States desires that Japan commit the first overt act," but that this policy should not be interpreted as a restriction "to a course of action that might jeopardize the successful defense of the Philippines."²²

Emergency precautions were immediately taken. U. S. High Commissioner Francis B. Sayre called Hart and MacArthur into conference. MacArthur at once took measures to extend and intensify his reconnaissance patrols and reported on 28 November that everything was being put in readiness for a successful defense.²³ On the following day, all leaves were canceled, the entire Army in the Philippines was placed upon war alert, and two infantry divisions **RESERVICE D**

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were dispatched to beach positions around Lingayen Gulf and two more to positions along the Batangas coast.²⁴

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By 1 December Hart and MacArthur, after preliminary consultation among air commanders, had come to an agreement providing for cooperative air patrols. This agreement provided that Army heavy bombers would patrol the northern area including Formosa. It was believed that the B-17's greater speed and higher ceiling than the FBY would give a better chance of coping with Japanese fighters from Formosa, although the possibility of combat was lessened when General MacArthur decided that the bombers would keep a legal distance from the island. Navy planes were to patrol the southern waters. Their operations included a number of long-range missions as far as the Indo-China coast. On these prewar patrols no American planes were attacked, but both Army and Mavy reconnaissance spotted Japanese planes. Navy planes also reported large numbers of transport and cargo shive both at see and in harbors. On the other hand, Army planes, according to Hart, were able to give him no enemy information.²⁵

The bases of these reconnaissance aircraft, as well as other military and civil installations, were dependent for defense against air attack upon the interceptor command, the antiaircraft defenses, and the aircraft warning service. The interceptor command had been considerably modernized during the fall of 1941, and by the end of November, all pursuit squadrons, except the 21st commanded by Lt. San Marrett at Del Carmen Field, were completely equipped with P-40's. The 20th at Clark Field, commanded by Lt. J. H. Moore, still had the old P-40B's; but the 3d at Iba under Lt. H. G. Thorne,

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the 17th under Lt. Boyd D. Wagner, and the 54th commanded by Lt. W. 2. Dyess, the latter two at Nichols Field, were equipped with P-402's. The 34th Squadron, however, had not had an opportunity to test all its aircraft, for the last P-40 was not received from the depot until the evening of 7 December. These American squadrons were supplemented by the 6th of the Philippine Army, commanded by Capt. Jesus Villamor, which was equipped with the old P-26's and was based at Batangas. In addition to the bases normally used, Nielson and Rosales fields were available for pursuits while O'Donnell, San Fernando, and Ternate were under construction. Since 15 November all pursuit aircraft had been kept on constant alert, fully loaded, armed, and with pilots on 30-minute call. During the first week in December, all pursuit pilots were undergoing intensive training in interception and gunnery, while squadron commanders were leading their units in day and night interception drills coordinated with bombers and antiaircraft batteries. 36

The interceptor command was far better prepared for an early attack than were the antiaircraft defenses of vital installations in the Philippines. Before leaving Vashington, General Brereton is said to have asserted that putting heavy bombers into the Philippine Islands without providing addrease antiaircraft defenses would almost certainly mean their destruction. Harbor defense batteries were equipped with a considerable number of 3-inch antiaircraft guns manned by the 60th GA, and there were some 5-inch and 37-mm, guns in

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the Philippine Ordnance Depot. Cn 7 November, Maj. Gen. J. A. Green, the Chief of Coast Artillery, in a memorandum to General Marshall, warned of the certainty of hostile air attack a ainst Philippine air bases in the event of war, and suggested that at least a part of harbor defense regiment be reascigned to the antiaircraft defense of airdromes or other critical areas. Until 8 December, however, only "24 AA machine guns" guarded the Manila area and its principal air base at Clark Field, and only low-altitude powder-train fuzes vere available for 3-inch shells.²⁷

Mithout adequate anticircraft protection, the Manila area could be defended only if pursuit aircraft could get off the ground in time to intercept hostile attack, but only the groundwork had been laid for an aircraft warning system that would make this possible. General Sphatz early in November had suggested an adjustment of the existing table of basic allowances to provide an aircraft warning battalion which would be suitable for the Philippines. Perhaps of most concern, according to Spaatz, was the lack of authorization for the SUR-268, a rader set which could be used for tracking and deter-Lining the altitude of approaching aircraft. The urgency of the cituation resulted in the organization of an aircraft warning battalion, the 557th, for transfer to the Philippines. It arrived at the San Francisco Port of Embarkation on C December 1941. In the meantime, MacArthur had made some progress in setting up his own system. Lative air watchers posted at strategic points were to transmit their information by telephone to the V Interceptor Command





headquarters at Nielson Field, which in turn would relay the message by teletive to a plotting board at Clark Field. Three radar sets were available by 1 December, but of these only one, at Iba, was completely installed, another was in the process of being set up approximately 60 miles weat of Amarri, while the third was in transit to Legasoi.²⁸

The lack of sufficient antiaircraft defense and aircraft warning service made even greater the need of fields suitable for the dispersal of heavy bombers. A sufficient number of such bases did not exist. At this time, of major air installations projected, only Clark Field with two large hangars, a rather limited dispersal area, blast pens, and barracks stood in a reasonable degree of completeness. The subject of further construction of sirfields had been under study for some time. General Clagett had made a survey of possible bases throughout the Philippine archipelage during the summer of 1941, and the allocation of additional funds for that purpose during the fall had given promise of a considerable program of construction. Some work was initiated both on new fields and in extending old, but little progress had been made. Disturbed by the vulnerability of Clark Field, General Brereton and his chief of staff, Col. Francis 1. Brady, made several attempts to provide additional dispersal facilities. In mid-Yovenber, Brady made arrangements to acquire construction equipment and was propared to supervise construction of dispersal pens, but he was told by General MacArthur that air force responsibilities extended only to the digging of slit trenches.

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According to Brady, MacArthur then believed that the Japanese would not strike until early April, and that sufficient fields would be ready by that time.²⁹

A decision had seen made, houever, to establish a heavy-bomber base in Mindanao. This represented a change of policy since General LacArthur, according to Colonel Brady, had not planned to build airdromes south of Cebu. Since September, at least, it had been possible to land a B-17 on a runway at Def Monte inMindanao; by the end of Kovember improvements had been made but work was only beginning on maintenance facilities and living quarters. At that time, it was decided that the 5th Air Base Group, commanded by Maj. Ray T. Elsmore. should develop the new base. This was considered an urgent job, and particularly difficult for a groun which had been in the Philippines only since 20 November, But boats were obtained, equipment loaded, and the voyage from Manile of over 500 miles was accomplished within native labor, Elsmore rushed the construction work, and on 5 December 12 3-17's of the 93d and 14th Squadrons arrived at Del Honte. The planes, still shining aluminum in color, had to be dispersed and canouflaged, a difficult task since there was no natural cover near

the field. Only one spray gun was available, "and this was put to work both night and day spraging the airplanes with GI paint." Trucks were requisitioned from a Del Lonte plantation to haul large coconut leaves to the field. While the B-17's were on the ground, they were kept dispersed and covered by the leaves. On 7 December, Elsmore and



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other officers flying a E-18 reconnoitered the island of Mindanao, carefully studied the Davao area with its Japanese population of 30,000, and reported that "all seemed peaceable on the entire island." 30

It was clear to the USAFFE counand, however, that some sort of crisis was approaching. A "hostile" aircraft had been sighted over Clark Field at approximately 5:30 a.m. on 2 December. Instructions were issued to intercept the plane if the incursion was repeated. For three more nights the aircraft appeared, but American pursuit planes failed to make the interception owing to darkness and the inability of searchlights to illuminate the persistent visitor. On the fifth morning, pursuits were kept on the ground while antiaircraft batteries remained on the alert. This tinc no aircraft appeared, although the radar set tracked several over the installations at Iba.³¹ Japanere shipping was also engaged in mysterious movements. On 5 December, the War Department learned from Singapore that a battleship, 5 cruisers, 7 destroyers, and 25 merchant ships had been seen on a due west course off the southeast coast of Thailand. 32 By 6 December, MacArthur had established a final alert. Airolanes were dispersed, each under guard, all defense stations were manned, and the normal guards increased, while "counter subversive activities" were started "in a limited manner." 33 That day IncArthur wrote to one of his subordingtes: "The negotiations between the United States and Japanese Governments that have been in progress in Washington, D. C., have not yet provided a basis for



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Hutual understanding. Under existing circumstances it is not possible to predict the future actions of the Japanese.³⁴ General Marshall dispatched at 1205, 7 December. a final warning message of the approaching crisis. It reported that the Japanese emissaries were presenting at 1300 (0200, 8 December, Philippine time) what amounted to an ultimatum, and that they were under orders to destroy their code machines immediately. "Just what significance the hour set may have we do not know," warned Marshall, "but be on alert accordingly."³⁵

The month of November 1941 had been a month of mounting tension and hurried preparations for an American defense of the Philippines. Basic war plans had been revised to authorize certain offensive measures in the Ear East in the event of war with Japan. The program for the reinforcement of the Philippines had rested on an assumption that hostilities could probably be postponed until March or April 1942. But with the mounting evidence of Japan's determination to expand throughout the Ear East, it became increasingly evident that March or April might well be too late. It was the realization of this that prompted every effort to speed the program of reinforcement with the hope that all avail ble heavy bombers would be on the way by 6 December, a program that was to be carried out even at the cost of stripping the continental United States and Hawaii of that type of aircraft.

The situation in the Philippines reflected the unreadiness of the United States for var only slow progress was being made in the





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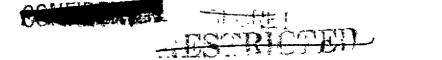
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construction of airfields, and resources and equipment were sadly lacking. Instead of 26 radar sets, there were three, of which only one was set up; instead of all-round anticircraft defense for all military and civil installations, only the harbor defenses scened to be adecuately protected; instead of the proposed 340 modern pursuit aircraft, the Far East Air Force had 107 P-40's and instead of a projected total of 165 modern heavy bombers, it had 35 B-170's and The experience of the 27th Group was not typical, but it D's. provides perhaps the most flagrant example. The members of the group arrived in Manile on 20 November. They bassed the ensuing weeks in infantry drill, flying decrepit E-18's, filling sandbags, and wondering when the A-24's left in Hauaii would arrive. And as a result of their failure to arrive, the trained crews of the 27th Group were never able to test the effect of dive bombing on the transports and landing barges which out the Japanese ashore in the Philippines.

The Japanese were fully aware of this weakness of the Philippine defenses against air attack. Their intelligence summaries of November and December gave a fairly accurate picture of the number, type, and location of American aircraft. During the first week of December they credited the Far East Air Force with 130 fighters, 30 bombers, and 20 potrol bombers. Actually there were in commission 90 P-40's and P-35's, and 33 B-17's, in addition to the Yavy's approximately 30 PBY's. By contrast with this meager aerial strength the Jopanese had an overwhelming superiority in aircraft based at

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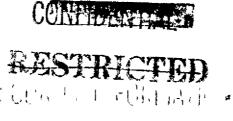


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Philippines. The best available American and RAAF intelligence estimates gave the following figures for the total Japanese air strength as of 3 December 1941:³⁶

Fleet Air Arm	613
llanchuria	800
Japan	600
North and Central China	198
Mandated Islands	100
Naleya	30 0
Area including Canton, Heinen,	
Pornosa.	_ 250
Total First Line Strength	2360

The warning messages sent by the War Department during November and December had brought the Army's air arm in the Philippines to a state of readiness, but there is a reat difference between readiness and preparedness.



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Chapter III

OPERATIONS IN THE PHILIPPINES, 8 TO 19 DECEMBER

On 7 December (Philipoine time), the 27th Group gave a party at the Manila Hotel in honor of General Brerston. A gala affair, generally considered "the best entertainment this side of "Minsky's,'" it began to break up at 0200, 8 December. Shortly thereafter, according to the 27th Group's account, "the dawn broke, War broke, we lived from today on, tormented with the old, worn-out phrase---"where in hell are our airplanes?"

The first news of the opening of hostilities came from a commercial radio station which had intercepted a message from Pearl Harbor shortly after 0300. Although no official confirmation was received at the time, base commanders were notified, and all units were ordered to "constant stations." "Tthin 50 minutes of this first warning, the lone radar set installed at Iba picked up a formation of aircraft about 75 miles offshore heading for Corregidor. The interceptor command immediately dispatched the P-40E's of Lt. H. G. Thorne's 5d Pursuit Squadron to intercept the unidentified formation. The radar set plotted the outgoing P-40's and showed then making contact with the approaching raiders, but the latter thon swung off to the west, and their plots disappeared. Then the 2d Squadron returned to Iba, it was learned that it had not made

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contact with the enemy. The radar set was unable to provide accurate altitude data, and darkness had prevented the American vilots themselves from spotting the planes. The radar plots showed that the interceptors had estimated the direction correctly, but they had apparently followed a course which took them underneath the incoming flight.²

Official confirmation had seen received of the outbreak of hostilities with Japan by 0500.³ The plan of action which had been specifically considered for this eventuality by the Far East Air Force was an American air attach upon installations in Formosa. Immediately upon hearing of the Pearl Harbor attack, Brereton rushed to EacArthur's headowarters to obtain vermission for the Formosz attach, and Brady ordered Eubanh to have the bombers at Clark Field prepared for the mission. Before preparations could be completed, however, Brereton returned and announced at a meeting of his staff that MacArthur would not authorize the raid. During the next few hours, Brady made a series of telephone calls to MacArthur's headquarters to ash if there had been any change in the decision. About 0930, MacArthur's Chief of Staff, Maj. Gen. Richard K. Sutherland, told Brady that he would be informed of any new decision, and that he was not to call again.⁴

Reanchile of approximately the same time, the aircraft varning service reported a large formation of bombers over Lingayan Gulf proceeding south towards Monila. The B-17's at Char': Field were at once ordered into the air to avoid being caught on the ground. The



Soth Pursuit Squadron also at Clark was dispatched to intercept the approaching energy formation, while at Nichols Field the 17th under Lt. Boyd Wagner was ordered to cover Clar's Field. The pursuits of the 30th Squadron had planned to make contact with the energy at Rocales, north of Hamila, but the approaching bombers avoided the American planes by swinging to the northeast and bombing Eaguio, the summer Philippine capital, and Engagarau. Shortly before 1100 General Sutherland called FEAF haedquarters to authorize a Formose attac's, saying that their hands were no longer tied since the Japanese had dropped boabs on Philippine soil. He accordingly authorized Brady to send out three B-17's on a reconnaissance bombing mission and to prepare the remainder for an attack on Formosa. The American bombers were called back to Glark Field, and the 20th Squadron, which had spent the past 2 hours in fruitless patrolling, was also ordered to return but first to cover the landing of the bombers on the way in.⁵

Shortly after 1130, therefore, all American alreaft in the Philippines, with the exception of one or two planes, were on the ground. The B-17's were being prepared for the Formosa attack which had been ordered for that evening. The 20th Pursuit Squadron at Glark and the 17th at Michols were being refueled; while the 3d at Iba, the 34th at Michols, and the 21st at Del Carnon were standing by to take off as soon as orders were received.⁶

At this point either unusually effective Japonese planning or a series of coincidences upset MacArthur's air varning system. Communications almost completely broke down, apparently the work







of fifth-column saboteurs. Endio recention was drowned by static which the Japanese probably caused by a systematic jamming of the frequencies. In the resulting confusion, the 3d Squadron was dispatched on what proved to be a wild goose chase over the China Sea, where an enemy formation had been reported. At the same time, the interceptor command took steps to protect the approaches to Emila. The 17th Squadron was ordered to cover the Bataan peninsula, the 54th to gatrol the Emila area itself, and the 21st to cover Clark Field. At 1145 the radar set at Ion picked up another enemy formation and plotted it as it proceeded directly couth over Lingayen Gulf. But Jap seboteurs had done their work. He message got through to clar's Field. 7

Japanese good fortune continued. A thick haze of dust over Del Carmen Field had delayed the take-off of the 21st Squadron, and at noon CL.r. Field had no pursuit cover. At 1215, accordingly, the 20th, whose planes had not yet completed refueling, was hastily ordered to cover its own base. Five minutes later four planes cleared the ground. At that moment, a V-shaped formation of 27 Japanese bombers appeared and began dropping bombs varying in size from small riragnentaries to 100-pounders. This formation was followed by another equal in number which continued the attack for 15 minutes. Almost before the last bomb had been dropped, Japanese pursuits began swarming over the field. Carefully picking out each grounded they. American plane, sevent in for over an hour carrying out low-altitude strafing attacks.⁸





The Japanese assaults were not entirely unopposed. Four P-40's of the 20th Squadron had got off the ground. Five more were smashed by bombs while taking off, and another five were destroyed in strafing attacks. Lt. Joseph H. Moore, squadron commander, led his four planes against the numerically superior Japanese nursuits. Lt. Eandall B. Keator attacked a flight of three enemy pursuits and acquired the distinction of shooting down the first Japanese micraft over the Philippines. Moore, himself, in a series of dogfights destroyed two others.

Meanwhile, 30 miles northwest of Clark Field, the 3d Squadron was having particularly bad luck. Not finding an enery formation over the China Sea, and with the P-40's low on rasoline, it was forced to turn back toward its base at Iba. At about this time the radar set recorded the approach of a new enery formation. A warning was flashed to a central control point at Rielson Field, Manila, but communications again feiled. The message never arrived. The radar continued to trach the oncoming Japs, this time heading toward Iba. The 3d Squadron, now dangerously low on fuel, arrived there first. It was clowly circling the field when 54 Japanese bombers escorted by numerous fighters appeared, apparently the formation which had not been found over the China Sea. The 3d Squadron, consisting of approximately a dozen P-40's tried to break up the Japanese formations. Its attack prevented the low-level strafing which was so destructive at Clark Field, and Lt. Jock Donalson probably shot down two enemy planes. But five P-40's were shot down, and three others crash-landed on near-by beaches with their casoline sumply exhausted. 10 的社

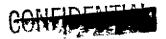
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Two B-17's were off the ground during these attacks. One, piloted by Lt. John Carpenter, was on reconnaissance and landed after the raiders had disappeared. Another, piloted by Lt. Earl Tash, had arrived over Clark Field from Del Monte during the height of the low-level strafing and was immediately pounced upon by three enemy pursuits. Tash managed to pilot the B-17 back to Del Monte in spite of the loss of alleron cables, damage to superchargers, and bullet holes in the propellers. Just before landing, he radioed his base: "Have been exposed to enemy, have anoulance ready."¹¹

The period of attach, lasting for almost 2 hours, gave those on the ground as well as those in the air a true bantism of fire. Nost of the personnel on the ground had sufficient worning to throw thenselves in zigzag trenches dug in the hanger and working areas. But the antiaircraft gunners, with fev exceptions, stood by their runs, .50- and .30-caliber mechine guns for the most part and a few 37-mm. juns. Ground crews and combat crews on the field performed many individual acts of heroism. Colonel Hubank and Laj. David R. Gibbs did not take cover but continued to direct the efforts of their men in defending installations and planes on the field. Lt. Fred Critatins was severely wounded while rushing through a hail of machine-jun bullets into a burning hangar in a vain attempt to rescue a B-17. Chamlain Joseph F. Ja Fleur, ignoring the low-flying strafers, ministered to the wounded and dying. Pvt. Robert Endres "at his our initiative" appropriated an abandoned truck and in the thick of the attack made seven trips to the station hospital.







Pfc Greeler B. Williams refused to desert a gunner's post in a B-17 and mintained constant fire on Japanese planes until he was killed.¹²

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By the time the last enery plane had returned to its base, it vas clear that the J pinese had won a tremendous victory. Clari Field had probably suffered nost heavily. High-level bonbing had destroyed hongars, shops, and supply buildings. A bomb which scored a direct hit on the communications center cut off Clark Field from other points and prevented any attempt to direct the pursuits from the ground. Bonds had not been particularly effective equinst the dispersed 3-17's, but each enemy pursuit pilot had systematically chosen a target and concentrated machine gunfire on it. In this way, 17 or 18 B-17's were destroyed. At Iba, eight aircraft on the ground were snashed, and, even more important, the radar installations were at least temporarily out out of commission. A bombing attack on Michols Field at 0315 on 9 December destroyed a hangar and damaged several plones. Thus in less than one day of hostilities the offensive and defensive power of the air force had been cut in The destruction of B-17's on the ground left not more than halí. 17 in contission. Approximately 55 of the 105 P-40's had been lost either in combat or on the ground, and of the remaining P-35's probably no more than 15 were operational. Casualties were heavy. At Clark Field alone, 55 officers and men were killed and over 100 wounded, while at other points approximately 25 were killed and 50 wounded. 13

The Japanese victory forced the Far East Air Force to change its plans and to some extent its organization. The bomber losses

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destroyed any hopes for an offective air offensive, although there vas some talk of a suicidal deviaht mission to Formosa by B-13's. The heavy pursuit losses, furthermore, required a reallocation of the remaining aircrift and pilots. The 3d Sou aron at Iba had suffered most heavily; consequently its dir echelon and remaining nircraft were absorbed into Lieutenant Japmer's 17th Squadron now located at Clark Field. The ground echelon of the 3d was sent to lichols Field to bring the 54th Soudron up to strength. The 27th Group, which had now practically given up hope of ever receiving its A-24's, received a miscellaneous assortment of duties. Many of the officers received a platoon of men to train in the use of firearms. Others yero dispatched to various points in the Philippines for a variety of tasts. Lt. James B. McAfee, for example, was assigned to General Brereton's headquarters to keep up the situation map, and Lt. Pete Bender flew a B-18 on courier missions throughout the islands. Some efforts were made to curb fifth-column activities. IncArthur had reported ofter the attacks of 8 December that 40 per cent of the energy aliens in Munila had been rounded up that day together with 10 per cent in the provinces. But, according to one report, that night "when the Japs boubed, there must have been 10,000 flares shot up by 5th Columnists. "14

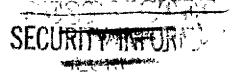
Other efforts were made to strengthen the antialroraft defenses, which had proved so ineffective against both high-level bombing and low-altitude attack. The Coast Artiller contand determined to increase the protection of the Manila area. Early in the evening of 3 December, a machine-and batter, of the 60th CA moved to Michols

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Field and the port area of Manila. Additional equipment was scanty, but some was available in the Philippine Ordnance Depot, and 500 officers and nen were transferred from the 200th CA to man it. Working almost continuously for 36 hours, these men, now organized into the Provisional 200th CA (AA), put together and installed twelve 3-inch guns, "3 directors and hoightfinders, 5 AA searchlight units," and twelve 37-mm. AA guns. By 10 December, new 3-inch batterior were located at Parameoue, Paco, and east of Mielson Airport, and 37-mm. batteries had been installed at Fichols Field, Mielson Airport, and the section of Manila known as the Walled City.¹⁵

It was hoved that these moves to repair and to strengthen the facilities at hand could be completed before the next energy attack. Until late in the evening of 9 December, the Japanese had made no attempt to land on Philippine soil. It uss obvious, however, that such an attempt would soon be made, and ground crews were working frantically to ready every evailable aircraft for defensive opera-The principal American air missions on 9 December, carried tions. out by both Army bonders and Navy patrol planes, were designed to locate approaching energy convoys. At 0730, 6 3-17's, commanded by Maj. Cecil Combs and each loaded with 20 x 100-pound demolition bombs, took off from Del Monte. They reconnoitered the area in the vicinity of Caranduanes without finding any trace of enery activity, continued to Clar: Field, and landed there at 1430. But to avoid a possible ground strafing attack, they took off immediately and revained in the air until well after dark. During the afternoon





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seven additional E-17's were dispatched from Del Monte to San Marcelino, near the coast west of Chart Field, which now had a runway evolble of handling heavy boubers. They saw no sign of eneny activity and flow the entire distance without mishap. As they were preparing to hand just after dark, however, Ak gunners, not recognizing the E-17's as friendly aircraft, opened fire. Fortunately, no damage to either planes or crews resulted. Some air patrols during these critical hours gave almost useless reports. According to Admiral Eart, "an extraordinary crop of incorrect eneny information" cane over the warning net. There were numerous reports of "enemy sightings when nothing was actually sighted and when a vessel was really seen she was usually reported in one of two categories: irrespective of size, she was either a Transport or a Battleship."¹⁸

During the night of 9-10 December, however, USAFFE headquarters received confirmed reports of approaching enemy convoys.¹⁷ Of these convoys, at least two were heading for northern Luzon. To repel the landings, it was planned to coordinate attacks of the heavy bombers now at Clark Field and San Marcelino with a strong pursuit escort. Five B-17's and two pursuit Soundrons, the 17th with P-40M's and the Clast with P-35's, therefore, were prepared for an early norming mission. At 0600 the B-17's led by Jajor Combs took off and headed for Lingayen Gulf. Before reaching the target area, they were joined by the 17th Squadron. The B-17's, each loaded with 20 x 100-pound denolition bombs, chose a number of transports already unloading troops and supplies. Two bomb runs were carried

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out by four borders, the first from 12,000 feet and the second from an altitude 500 feet higher. The fifth B-17, biloted by Lt. Elliott Vandevanter, swept in first at 10,000 and then at 7,000 feet. At the completion of the bonoing mission, the antiaircraft fire was still fierce, but the P-40's dived down to an altitude low enough to strafe the ships and shore installations. Meanwhile the 21st Squadron, which had miscalculated the time required for the slow P-35's to reach the target, had arrived on the scene. The B-17's had gone, and the P-40's were completing their mission, but the P-35's, which had no armor protection or leak-proof tanks, "strafed and restraied the invaders." As Lt. Sanuel H. Marett. squadron commander, led his flight in "one finel and successful strafing dive," a transport exploded destroying Marett's plane. Marett was killed. Another P-55 was also lost, but the vilot was saved. The 3-17's had succeeded in hitting a number of vessels, but apparently in the series of bombing and strafing attacks only one transport was sunz.¹³

This mission was only a part of the henvy-bomber operations for the day. Another mission was scheduled for Major O'Donnell's 14th Saugdron. The B-17's of this unit left San Marcelino at 0600 for an initial hop to Clark Field where they were to be serviced and loaded with bombs. The plan was to some extent upset by a warning of approaching Japanese planes. By the time five of the B-17's had reached Clark, it was considered too hezardous for the other three

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to land, and they were ordered to remain in the air. By 1100, however, their fuel was almost exhausted, and they were forced to return to San Marcelino. Meanwhile the other five planes had been serviced and had taken off individually on their missions.¹⁹

Three ships, piloted by Major O'Donnell, Capt. E. L. Parsel, and Lt. G. R. Montgomery, proceeded toward Vigan, approximately 100 miles north of Lingayen Gulf where the Japanese had concentrated a number of transports protected by naval vessels. O'Donnell, first to arrive over the target area, made several runs at 25,000 feet against what appeared to be an energy aircraft carrier. Mechanical trouble with the boub racks as well as antiaircraft fire interfored with the bombing, and it took approximately 45 minutes to drop eight 600-pound bombs. No hits were observed. Forsel had better success. He made two bomb runs from 13,500 feet. The first with four 300pound bombs against a cruiser was unsuccessful, but of the three bombs dropped during the second run, at least one direct hit was scored on a transport. Montgomery had time to load only one 600pound bomb before being ordered off Glark Field. He proceeded to Vigan, however, and dropped his bomb in the water near the transports.²⁰

The two remaining B-17's took off individually from Clark Field at approximately 0950 to raid Japanese Landing craft, transports, and their naval escort near Abairi off the extreme northern coast of Luzon. Lt. G. E. Schaetzel, pilot of one plane, made a run over several transports at 25,000 feet apparently scoring a hit. He





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turned to bomb a cruiser, but by this time antiaircraft fire was heavy and enery pursuits had gained sufficient altitude to attack. Although the B-17 was severely damaged, no personnel were injured, and Schaetzel succeeded in reaching San Marcelino.

Sapt. Colin Kelly in the other heavy bouber meanwhile was dispatched to locate and if possible sink the aircraft carrier previously reported along the northern Luzon coast. Kelly's navigator, Lt. Joe II. Bean, spotted a large Japanese warship near Abarri, probably a battleship of the <u>Yamashiro</u> or <u>Haruna</u> class, among a large concentration of vessels including 6 cruisers, 10 destroyers, and at least 15 transports. After a fruitless march for the aircraft carrier, Kelly determined to attach the battleship which made a good target since it was moving slowly and not maneuvering. The bomberdier, Sgt. Meyer S. Levin, dropped the entire bomb load, 3 x 600pound bombs, from 32,000 feet. The first two scored near misses; the third struck squarely amidships, and when the B-17 turned back toward its base, the warship appeared to have stopped with black snoke pouring from it.

During the return flight, all gummers were kept at their stations except the radio operator (lower-turnet gummer), who was receiving landing instructions from Clar': Field. At first, the control tower warned Kelly not to come in for a landing, but almost immediately after this warning informed him that the "all clear" had been sounded. This welcome message had no more than been received when, without prior warning, "the commander's dome flew off,"



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the instrument panel seemed to disintegrate, a machine-gun burst penetrated the left rear-gunner's post killing T/Sgt. William J. Delehanty, the low-pressure oxygen tanks in the radio compartment exploded, and "the enoty bond bay" burst into flames. An unexpected attack had come from two encay pursuits which had moomed out of the clouds from the rear of and below the plane, an approach which probably would have been observed had the lower turnet been manned. The pursults continued to fire, while flames from the bond bay were grouing in intensity and becoming almost unberrable. Kelly ordered the crew to bail out. S/Sgt. James E. Holkyard, Pfc Robert A. Altman, and Pfc Williard L. Money dropped out of the rear compartment; Bean and Levin tumbled out of their escape hatch; and Kelly and the co-pilot, Lt. Donald D. Robins, were preparing to leave the plane. Suddenly there was a treuendous explosion. Robins, thrown clear of the wreckage, succeeded in pulling; the rip cord of his parachute. In spite of the fact that one of the enery pursuits vainly attenuted to machine-fun the Americans who had bailed out of the plane, the whole crew reached the ground safely, with the exception of Delehanty and Helly whose badly man led bodies were later found near the wreckage of their ship.⁸¹

The pursuits which had shot down Kelly's B-17 may have been from Jepanese formations heading for the Eanila area. American vursuit squadrons had been kept on the alert throughout the norming to meet such a threat. The 17th Scuadron, after its earlier escort mission to Lin_{12} yen Culf, had covered the B-17's as they returned to Olark



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Field. At 1115 interceptor headquarters received specific warnings of energy aircraft approaching from the north, and three squadrons were dispatched to intercept them, the 17th to Eanile Bay, the 21st to the port area of the city, and the 34th to Bataan. Shortly after noon the Jups arrived. A large number of combers, escorted by approximately 100 energy pursuits, reared over Michols Field and Cavite, the naval base, systematically bombing and strafing air installations, docks, and supply points. The three American squadrons attended to break up the bomber formations, but the escorting Japanese pursuits thwarted these attends in almost every instance.²²

The experience of the 17th Squadron illustrated the apparent futility of these interceptions. Ten P-40's of this unit found themselves confronted with some 50 bombers and 40 Zero pursuits. The Americans tried to engage the bombers, but Zeros outmaneuvered them at every turn. After some minutes, the P-40's found themselves low on fuel and had to break away. One pilot, Lt. William M. Rowe, shook off the Zeros by taking "a long dive at the ground." He made for Del Carmon Field, north of Manila, but the field was being strafed. He turned back toward Chark Field, and after dodging turchine-gun bullets, landed safely with no more than two gallons of fuel left.²³

Not until the enemy planes began to withdraw did American flyers achieve any real success. Two flights led by Lt. W. A. Shepherd and Lt. Joseph H. Moore pursued some of the enemy bombers returning to their base. Shopherd's P-40 was so badly damaged that he was

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forced to partchute to safety, but two enemy bombers were probably shot down. These may have been the only Japanese alroraft destroyed during the engagement, but four Filipino pilots won at least a noral victory in taking off in obsolete P-26's, a type of plane equipped with probably no more than one .50- and one .30-caliber machine gun. Led by their ace, Capt. Jesus Villanor, they attacked on enemy formation. Third Lt. Jose F. Gozer, then his guns jammed, even attempted to ram his Japanese adversary. 34

By the evening of 10 December it was again clear that further changes were necessary in Averican organization and plans. The Japanese attack upon davite had been savage and successful. The power plant, industrial facilities, and supply decots "were completely ruined." A submarine, the Sec. Lion, us sunt, and other haval craft demaged. Little American opposition was offered. Energy planes had flown out of reach of the naval base's nine 3-inch antiaircraft guns, and Admiral Hart believed that it was dangerous to continue to base his vessels in the Kanila area. The Interceptor Comand could no longer promise pursuit protection. Exclusive of the 1 or 2 P-26's, only 30 pursuit aircraft remained, and 2 of these were P-35's. Thus to conserve these fev, General Brereton instructed the 24th Group not to employ its aircraft except on specific orders, his intention being to use pursuit planes largely on reconneissance missions in place of the 2d Observation Squadron which had been wiped out during the first 2 days of the war. After 10 December, therefore, instead of carrying out actual contant missions, American pursuit aircraft in TERMINETTAL REX

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the Philippines were assigned areas for reconnaissance patrols; the 21st and 34th Squadrons combined to cover southern Luzon, while the 17th and 20th were assigned the northern part of the island.²⁵

The decision to reserve pursuit aircraft for reconnaissance missions meant that American bases on Luzon would be even more vulnerable to energy air attack. This would be particularly true by the time the Japanese had established air bases on Fhilippine soil. and by 10 December they were well on the way toward accomplishing; this. Already ground and service units had landed at Aparri and had begun the task of enlarging the airfield previously located there. These units included not only airdromo battalions, but a part of an antiaircraft regiment together with construction, air warning, meteorological, and signal units. The prospect of land-based planes within 250 miles of Manila made it necessary for American heavy bombers to abandon lunon bases. Consequently before the completion of the missions of 10 December, it had been decided to dispatch the remaining B-17's to Del Monte. Accidents and unfavorable weather delayed the transfer of a few of the planes. Comos and Ford en route to Del Monte on the 10th, for emuple, landed for fuel at San Jose, lindoro; and, on the same day, Vandevanter landed at Tacloban, Leyte. By 11 December, however, all B-17's, except one biloted by Lieutenant Schaetzel which came in on the 15th from Gebu, had arrived at the Mindonao Jase. 20

The distance of Del Honte from the principal energy forces now on Luzon decreased the striking potential of the Far Fast Air Force,





and landings were continuing almost unopposed. The air force could not offer a continuous threat to the enery advance and the ground forces did not seriously oppose the landin; because of MacArthur's diagnosis of enemy strategy. He believed that the enemy hoped to confuse his and cause him to commit his forces prematurely. Certainly the Japanese had put forces ashore at a number of points. They were reinforcing their already substantial landing parties at Aparri and Vigan and had begun operations off the coast of southern Luzon near Legaspi and Zambales. Moreover to create further confusion, they were increasing the termo of the air offensive. On 12 December, for example, more than 100 enemy aircraft were over southern Luzon, hitting Clark Field, Batangas, and Olongapo. On the following day, heavy attacks hit the same points as well as Mielson Airport and Lichols Field. A ain the attacks were destructive, resulting in the burning of fuel and other surplice and the lose of ? PEY's st Olongano, the base of Nevy Petrol Ming 10. In spite of orders to avoid battle, American and Filipino flyers apparently were irresistibly drain to making some attend at interception. The Filipino flyers particularly distinguished thenselves. Six of their airmen, led by Captain Villamor, took of in P-26's from Batangas to harass some 54 bombers which were heading toward that field. In this spurently suicidal mission, 32 Lt. Cesar N. Bosa was killed, out Villenor succeeded in destroying, one energy aircraft and together with his colleagues prevented serious damage to the airfield. 27

Planned combat missions during the period from 10 to 18 December, however, were few. The 19th Group attempted only two of

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imortance. The first occurred on the 18th then Major Combs carried out a mission against energy transports at Vigan. No hits were scored. On 14 December, six 3-17's were acheduled for a bombing attack on Javanese concentrations near Legasoi, but only three miloted by Licutonants Cheless, Alans, and Vandevanter reached the target. Cf these, .heless' plane became separated from the others in low-hanging clouds over Mindanao and made the attack alone from 9,500 feet. Before the results of the bonding could be observed, 18 enemy ourcuits summed around the plane. All four funners were wounded, Pfc Killin fatally, but four enery planes were amorently destroyed. theless nursed his ridaled borber back to lindanno, but a driszling rain shut out Del Conte, and he was forced to crash-land on a small barricaded field at Carayan. The other two planes to reach the target made their attacks from 21,000 feet. Vandevanter escaved without being approached by pursuits but Adams! 3-17 was continuously attacked from the time it reached the target orea. Machine-gun bullets cut through the plane wounding several of the personnel and knocking out two engines. Adams started back to base but, realizing that he could not reach it successfully, headed for the island of Hasbate just across the strait from Legaspi. He brought his plane down, and the crew ran for cover, while parsistent energy oursuits flew over the crippled plane and completely destroyed it in a strafing run. It too': three wee'rs for the crew to wor': their way back to Del Monte.²⁰

Pursuit aircraft during the same meriod were in the air more frequently than the bonbers but, with two exceptions, carried out

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only noncombat missions. Indeed, these two exceptions were labeled as reconnaiscance missions, although in both cases they resulted in clear-cut victories for American flyers. On 13 December Lt. Royd Magner flew one of the remaining F-40's on a reconnaissance flight over northern Luzon. As he avoroached Avarri, he shot down four enery fighters, which had taken off from the field at his approach. and then destroyed several more on the field. Three doys later, Lieutenants delacr, church, and Streuss vere assigned the hacardous mission of dive bombing the airfield at Vigan. ... Shen they had reached the target area, we ner signaled Strauss to remain on patrol, while he and Church proceeded to bomb the airfield. As they went into a dive Church's plane received a direct hit from AA, setting it afire, but he continued the attac':, released his bombs, and crashed with his plane "because there was not sufficient time to jum for safet; after accoulishing his dission." Wagner meanwhile had dropped six frequentation bonds and thoroughly strafed a fuel dura and epproximately 20 planes parked in the runway.

Such victories stimulated American morale but could not conceal the fact that the Japanese held unchallengable control of the air over the Philippines. Heavy bombers had already been forced to move their base of operations back almost 600 miles from Clark Field to Del Monte. It was now planned to withdraw oven further, this time with a jump of some 1,000 miles to Larwin, Australia. This new move una made necessary by two conditions: the lack of adequate maintenance facilities at Del Monte, and the growing danger that that

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base too would soon be subject to constant air attack. The 5th Air Base Grown under Major Masnore had been working day and night to comlete Del Monte as a base. After the outbreak of war, he had taken the responsibility of constructing underground shelters instead of barracles a love ground and had selected four additional fields for dispersal within a lf-mile radius of the main runway. In spite of Elsaoro's efforts, however, Del Lonte dia not have extensive maintenance facilities, and the B-17's, after the rough treatment received during the first week of war, were in need of thorough depot overhaul. Moreover, the growing strength of the Japonese forces on land together with the speed with which they were constructing air strips meant that land-based enery planes would soon be able to range over the entire archivela. Elsmore's forces could make only a token defense a ainst encay raids. No rador set existed on lindange. No pursuit circraft were available, nor were there any large caliber anticircraft , uns. The only antidircraft defenses were water-cooled .50-celiber machine gung and a few additional sir-cooled .50's removed from B-17's. These were set up around the main field in 17 emplocements. The air warning system consisted of loo' -outs posted on bills north and couth of the field and connected by telephone with operations headcuarters. With only these indecuate defenses, it was clear that the principal hope for the safet; of grounded aircraft in the event of an dir raid would be canouflage and dispersal. $^{\rm UO}$

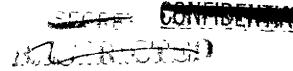


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The decision was made, therefore, to move the 5-17's et least temporarily to Australia. On 15 and 16 December final preparations were being made for the long flight. During the next two days, 10 of the heavy bombers reached Darwin without wishap. The last four, to leave shorth, thereafter, narrowly escaped destruction on 19 December in Del Monte's first serious cir raid. At dus's on that acy, three 3-17's were ready to take off for Australia but were still dispersed and covered with coconut leaves. Three B-13's had just landed, one having brought General Clagett from Monila. Before they could be dispersed and camouflaged, however, 12 Zeros came over the airfield stilling the toos of the pinecoole plants. The calouflaged 3-17's escaped, but the B-15's were strafed and burned. If any doubts regarding; the wisdom of transferring the base of operations to Australia remained, this removed them. Within two days the last four heavy bonbers had arrived at Batchelor Field near Derwin.³¹





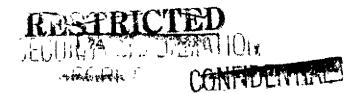


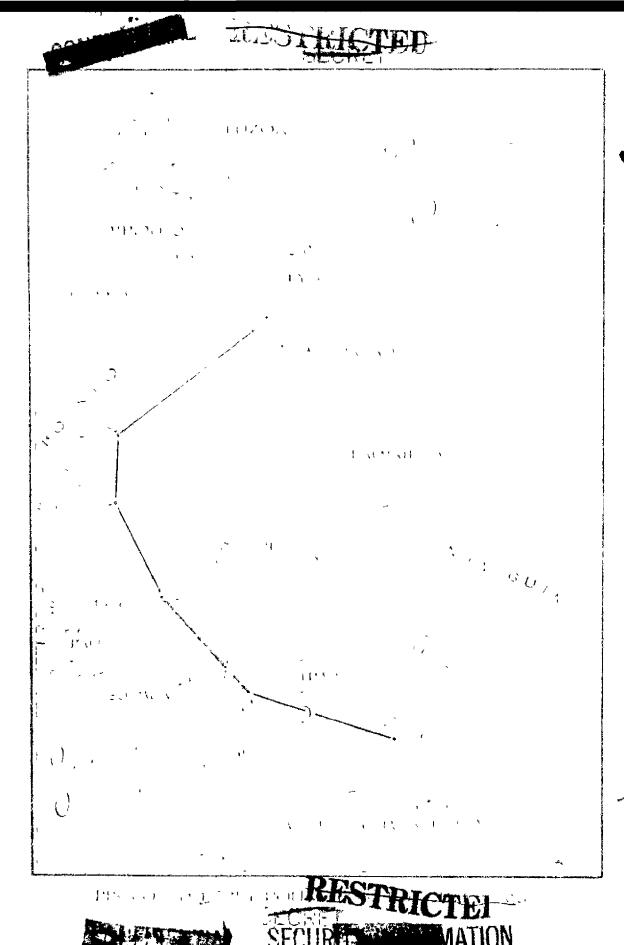
Chapter IV

DETORTS TO REINFORCE THE PHILIPPINES, 20 DEGELBER 1941-5 JANUARY 1942

In spite of the decision to transfer all heavy bombers to Australia, there was no intention of permanently abandoning the defense of the Philippines, nor had the garrison on Luzon lost its will to resist. The morale of officers and wen remained high, in mart at least because they constantly expected the arrival of reinforcements sufficiently strong to repulse the energy's advances. Ever since the opening of hostilities, according to one writer, the Army was traveling; as much on rumors as on its stomach. One day there was news that the Mary was coming to the rescue, "sweeping everything before it." Again "someone" heard that Dewey Fouleward was lined with A-20's, ready to fly into combat. On another occasion, the 27th Group headquarters was informed by telephone that its A-24's were being unloaded at the dock. A frantic rush to the docks revealed nothing except, as the group distorian wrote, "that there was probably a Fifth Columnist or two on Luzon and they had our number. at

Optimictic hopes were not confined to the rank and file. General Elecarthur throughout December retained a hope, if not a belief, that the Philippines could be reinforced. On 10 December, he radioed General Earshall an outline of a plan for an offensive operation.





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This entailed on immediate attack upon Japan from the north with the possible cooperation of Russia. According to MacArthur, while the energy was engaged in an "overextended initial effort," a golden opportunity existed for a master stroke. Three days later he suggested that the only method for immediate relief was early air counterattacks against Japanese airfields in Formosa. At the same time, he added that first priority allocations to his theater should consist of pursuit planes and bombs to be brought in by aircraft carrier. "High-flying bombardment aircraft" and troops he considered to be of secondary importance.²

General Broreton, also, believed that hove for a successful defense of the Philippines did not need to be abandoned. He emphasized, however, that in considering the possibility of reinforcements, time was the primary factor. On 14 December he stated that 10 scuadrons of pursuit aircraft were an intediate requirement. This meant, according to Breraton, that in addition to the 52 A-34's and 18 pursuit planer which were expected in Australia pefore the end of the month, it would be "advantageous" to have 200 pursuit and to dive boubers delivered by circraft carrier. He believed that fields for these planes could be maintained satisfactorily and pointed out that sirerous construction following the outbreak of war had been accelerated. In this respect, his engineers reported that Clark, Tichols, San Murcelino, and Del Carmon fields could be vintained in oversting condition, and that some 8 or 10 additional strips would be ready by the last of December.

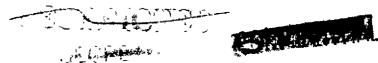
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Nor had Washington abandoned plans for support of the Ehilippines. President Roosevelt specifically directed that reinforcements should be sent to that belenguered outpost at the earliest possible date, and MacArthur was informed on 15 December not only that the strate₆ic importance of the Ehilippines was fully recognized but that there would be no vevering in the determination to provide support. To implement this promise, an AG letter authorized the dispatch of 65 new heavy bombers to the Ehilippines, a transfer to be completed by 31 February 1940, and MacArthur was informed on 25 December that these planes, to be ferried via the South Atlantic and India, would come under his control at Bangalore.⁴

General Broreton had stated that if these attempts at reinforcement were to be effective, they should be accomplished soon. As the days went by, it became increasingly evident that all routes into the Philippines would be barred within a very short time. The Jap ness were pressing down from their northern landings, while in the south, enemy transports appeared in Davao Gulf on 20 December and moved toward that city, which, with its potential fifth column of 30,000 Japanese, was easily overrun. It soon became evident, moreover, that a main effort was to be made in Lingayen Gulf, for on 20-31 December from 70 to 60 transports were sighted offshore. NacArthur's strategy against this new assault, obviously simed at Bandla, consisted of carefully planned & elaying actions carried out in central Luzon. He did not intend to establish a fixed line of defense there, for he had only some 40,000 troops, and the Japanese



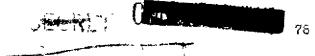
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had landed between 30,000 and 100,000. With patrols and a strong rear guard delating the enemy advance, the principal American forces were to retire to Bataan peninsula, where they could serve as a buffer for a last stand on Corregidor. At the same time, MacArthur announced that he intended to declare Manila an open sity in order to save the civilian population. ⁵

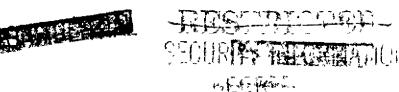
with the exception of reconnaissance missions performed by pursuit planes, the air force could render little aid in the witharaval to Bataan. It was decided, however, to test the effectiveness of bombardment missions carried out from Australian bases almost 2,000 miles away by using Del Monte airfield, although now bombed regularly, as an advance base for refueling. The first of these missions began t Batchelor Field (near Darwin) on 22 December when 9 of the 14 B-17's in Australia took off at 1043 for lindance. Their orders were to bomb docks and enery shipping in the Daveo area, and then to proceed to Del Honte for refueling. They swept over Davao Gulf at suaset through a light overcast and dropped 5 / x 500-pound bonds upon a cluster of seven ships. The chomy was taken by surprise, and no antiaircraft or pursuit interfered with the attact. Poor visibility, however, spoiled the boubardier's aim, and negligible results were achieved. The nine planes continued to Del Monte and landed after dark on an adriield vockmarked by recent air raids. Shorth: after miani, ht four of the 2-17's took off again to bomb energy concentrations in Lingeyen Gulf almost 600 riles away.





Again visibility was bid, and although many transports were spotted and bombed, no results were observed. The Japs cent up a barrage of antiaircraft fire which did no damage, but energy pursuit planes were so numerous that the bonders could not lend at San Marcelino as had been planned. Instead the four 3-17's without lending began their 2,000-wile return flight to Australia. Three planes reached the Dutch base at Ambon before landing to refuel; another came down first at San Jose in Mindoro; and by 34 December all nine aircraft, five proceeding directly from Del Monte, had safely returned to batchelor Fielu.⁶

Heavy borbers, had arrived at Del Honte for a second mission against enemy shipping. At 0430 on 34 Decomber, the three aircraft, each loaded with 2,100 gallons of gas and 7 x 300-pound combs, taxied along the runway. The planes piloted by Lieutenants Hueller and Schnetzel took off and headed for Davao. The third, however, was delayed by a blowout. Ground crews under Cost. Outhbert L. Hosely began to change the tire, but were interrupted by an air raid. Hosel, continued to vork, however, until encay fire actually began to block up dust of the field. In spite of these delays, the plane piloted by Lieutenant Suith was ready to go at 1030. Heanwhile, Hueller and Schaetzel had run into trouble. After the take-off, they had climbed to 15,000 feet and bombed the Davao airport. Antipircraft fire hit Hueller's plane, and pursuits swarwed off the





field. Before the B-17's could reach 23,000 feet, they were surrounded by energy flighters. Mechine-, un bullets crashed into Schaetzol's plane, milling S/Sgt. James Cannon and knocking out one engine. Rueller elected to stay with Schaetzel's damaged ship and was soon engaged in a battle with the wursuits which continued for 20 minutes. Accurate shooting on the part of the American gunners finally discouraged the energy, but not before both B-17's had been severely damaged and two of Rueller's crew, Opl. Frank A. Harvey and Pfc Edward E. Olsen, wounded. Smith's B-17 followed the same course as the other two planes of his flight but met with no interference. He made a bonbing run over a number of energy ships in Davao harbor, possibly damaging one, and continued on the return trip to Australia arriving at Darwin that night a few hours after the other two planes.⁷

These bonbardment missions had little effect upon Japanese successes. American pursuits carrying out two or three recommaissance missions daily reported energy advances from the north as well as new landings at other points along the Luzon coast. A minst one of these occurring in San Niguel Bay on the southeast coast the mursuit command determined to throw all its remaining aircraft. Attrition had continued to cut down the 24th Group's striking power, and on 23 December only 10 P-40's and 6 P-35's were available. Furthermore, heavy casualties among trained personnel had occurred including 17 killed and 16 younded, among the latter being "Bucz" Magner who had been almost blinded during a recent "reconnaissance" mission.





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On 23 December, however, the 12 P-40's and 5 P-55's, loaded with fragmentation bombs, were dispatched to bomb and strafe the San Higuel landing. Apparently the low-flying pursuits created a considerable arount of confusion among energy personnel in landing barges and around supply duros, but the Jops succeeded in outting up such a heavy screen of antinircraft fire that at least one P-35 was forced to crash-land before they could return to base.

The pursuits had no more than returned from this mission when all air force units were instructed to evacuate currently-held Luzon cases as a part of the general withdraval to bataan. The evacuation began on 24 December. Fursuits were to establish themselves first on three newly constructed fields at the head of Bataan peninsula. Chen if the enemy continued to close in, these bases were to be evacuated, with the pursuits falling back on three fields nearer the sea: Marivales, Cabcaben, and Bataan. The planes were to be flown by pilote chosen from the 24th Group, and the remainder of the group, with the exception of sufficient enlisted men for maintenance, were to be posted as infantry reserves. On 10 January a change of branch becaus official when a field order redesignated the 24th Group as the 2d Infantry Regiment (Provisional) and assigned it to the 71st Division.⁹

During this period the 27th Group, located in the Manila area, also became involved in the confusion of the retreat. For several days, its squadrons had received a series of seemingly contradictory

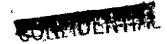




orders, and, according to Lt. James B. MacAfee, never had there been a day "more snafu" than 24 December, the day of the evacuation. Confusion resulted in part from the fact that the group commander, Maj. John Davies, together with a dozen others had flown to Australia, leaving Lucon on 18 December presumebly to bring back the longawaited A-24's. Consequently on 31 December, all squadrons had been ordered to propare new fields at Lips, 40 miles south of Manila, and to the northwest at San Marcelino and San Fernando, before the arrival of these planes. Three days later, on 34 December, however, just after a move to these new points had been accomplished, another order directed all squadrons to evacuate their bases and to proceed to the Manila docks.¹⁰

Until that time, members of the 27th had been able to relax a little in the midst of wer. They had worked frantically at digging shit trenches and preparing airfields. They had dodged bonbs and manned antiaircraft guns. But they also had an occasional hour in which they could visit Hamila and enjoy a dinner at the officers' club or a drink at the well-stocked bar. In the city they were confronted by anxious-faced Filipinos asking then reinforcements would arrive, or whether the present force could hold. They were challenged "every few blocks by an itchy-fingered Filipino sentry," and they tried to ignore an occasional native lying there he had been shot as a warning to others the night be tempted to light a flare then Japanese planes were bassing overhead.







As the proof speeded through the city during: the late afternoon and early evening of Christmas Dve, few knew where they were bound, except that they had been ordered to the docks. Some of them realized, however, that they would not see Kanika again for a long time, and a few even stopped for a last drink at the bar. At the docks, the group was divided, a part biling into trucks and the remainder being ordered into boats. Both parties then headed for Batean. Those in the boats had moments of uncasiness, as at least one craft became lost in mine fields, thus delaying the little fleet long enough to bring the men to their destination in Marivales harbor during an air raid. The withdrawal, neverthelest, succeeded, and the group was able to have a Christmas dinner of bread and hot coffee, topped off in a few cases by a nip of "grog."¹¹

MacArthur did not complete the novement to Bataan beyon on 24 December until the first of the new year. Mis rear guard had delayed the Japanese long enough to cover the withdrawal of the principal American force as well as the evacuation of equipment and supplies. By that time the air force units located on Jataan had been reorganized. Both General Clagett and General Brereton had left the Philippines for Australia to establish a new headquarters, Clagett leaving in a B-17 on the 15th or 19th, and Brereton with rembers of his staff in two FBY's on the 24th. By 29 December, moreover, 650 officers and enlisted men of the 19th Group had been dispatched to Del Nonte. Thus the only air force personnel remaining

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on Bataan were men of the Interceptor Command, now under the capable and energetic Col. Harold E. George, who had arrived in the Fhilippines with General Clagett over C months before. George had only a akeleton staff, which in theory was to be expended as reinforcements began to flow in from a reservoir of personnel, supplies, and equipment to be built up in Australia. At the noment, of course, that reservoir did not exist, and it was a question whether it could be established before every channel to the tired American troops in the Fhilippines had been cut.¹⁰

The task of developing a base of operations in Australia was tremendous. Its establishment depended almost entirely upon the arrival of personnel, supplies, and equipment from the United States. Brisbane was over 7,600 statute miles from San Francisco; consequently distance itself presented a problem; noreover from the beginning of the war the tenuous routes across the Pacific had been thre tened by Japanese submarine attact. Although the sea routes through the Central Pacific had been corroletely cut in the early days of the war. it was possible for shipping to proceed with a naval escort south of the Gilbert Islands, which had been overrun during the first week of hostilities. Troops, amunition, spare parts, fuel, and "knockeddown" pursuit planes and medium bombers could be shipped by water. Heavy bonbers, however, could hardly be transforted in this way. They had to be flown, and the Japanese, by Landing on Wake Island on 23 December, had cut the only sir route already tested for that This had held in the scheduled fli ht of additional type of aircraft.

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E-17's to the Mullippines, several of which were en route on 7 Decc.ber. Indeed six unarmed 2-17's, the vanguard of the 7th Hombardment Group's direraft, had loft the United States on 6 December and were approaching Howaii early on the followin, morning. The creus expected to land at Hicken Field for gas, maintenance, and instructions before proceeding to their destination via Lidway, Make, and Port Horesby. Instead, they arrived in the midst of the ettack on Pearl Harbor, and were forced to use all their shill to bring their wheres to a safe Landing.¹⁵

It was clear that a continuation of the flight along the old route was impossible. The Army Air Forces had long foreseen this eventuality, and repeated warnings from its officials had promoted the War Department to approve the construction of a southern route. Thus at the time of the Pearl Harbor attack, both the Army and the lary were vorting feverishly to provide at least minimum facilities necessary for landing bases on Christmas, Canton, the Fijis, and New Coledonia. the "inaugural flight" over this route was not made until 6 January 1942, and the only other route possible stretched about two-thirds of the distance around the world, crossing the South Atlantic from Brazil to Africa, and thence to India and the Hetherlands Last Indies. Maintenance facilities over this route were much less than adoquate, particularly in India, and were so poor during January that at one time, according to General Arnold, four-motor bombers were "biled up from Bongalore to Trinidad. "14 In spite of these difficulties, however, all replacements for the 19th Group and the



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entire air echelon of the 7th Group flew to Australia by one or the other of these two routes.

Prospects for the arrival by sea of the nucleus of an American supply depot in Australia were better in the middle of December than those for the ferrying of heavy boubers over either the Preific or the African routes. Approximately 2 weeks before the attach on Fearl Harbor, the ground echelon of the 7th Group together with a number of other service and combat units boarded the U.S. Nevy transport Republic at San Francisco. On 20 November the Republic reached Honolulu, and on the following day joined a convoy made up of six other ships escorted by the U.S.S. Pensacola, an 6-inch gun cruiser. This convoy, destined for the Fhilippines, was oranned with troops and supplies which MacArthur needed. Air Force troops, numbering more than 2,500 officers and men, wade up only a small part of the lord. There were also some 2,000 additional troops and much heavy equipment, fuel, and supplies including 340 motor vehicles, 48 x 75-ml. juns, over 600 tons of bombs, 6,000 érums of eviction oil, and 3,000 drums of eviation gasoline. Perhaps of even more importance were 15 P-40's and the long-delayed 32 A-24's of the 27th Bombardment Group. Ships bound for the Philippines normally proceeded directly west through the mondated islands. But in this case the convoy had been directed by "higher authority" to take a southwest course. During the morning of 7 December, the commander of the Republic learned of an intercepted radio message which stated that Pearl Harbor was under attack. He first believed that this

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vas no more than a chance **RESSERENCEP** naval maneuvers, but another message, this time from the CLID Asiatic Fleet, was shortly received reading: "Japan started hostilities--govern yourself accordingly."¹⁶

Por the next 2 weeks, the convoy kent itself in readiness for any eventuality. It could do little more than be prepared to abandon ship since only two ships other than the Pencacola were capable of defense. Five ships had no armanent while another had two 3-inch cans but locked encountion. The crew of the Revublic searched its cargo for possible means of defense. Four 75-mail guns were found but no accountion; four .30-caliber and four .50-caliber machine suns vere discovered and mounted on deck. A rifle detachment was also organized after some 500 x .30-caliber rifles were found. On 12 Receiver the convoy was still intact (4 days earlier those on board the <u>Republic</u> had been interested to learn from an intercented Japonese message that their ship had been sunk, and it was decided to organize the troops aboard into a task force under the command of the senior officer, Brig. Gen. Julian F. Barnes. The eventual destination of the convoy still remained the Fhilippines, but new orders were received on 13 December directing a detour to Australia and designating Barnes as commander under 14 carthur of all American troops in Australia. All the diroraft, the ground crews, and much additional equivment were to be disembarked in Australia and the planes erected for immediate ferrying to the Philippines. the remainder of the convoy was to continue with the cargo by water to the Philippines.

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Both MacArthur and Australian naval authorities believed this reinforcement by sea practicable, although the cooperation of the U.S. Navy was needed, and at the time the willingness and the ability of the Mavy to escort the convoy through to the Philippines was open to question.¹⁷

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Before the convoy reached Australia, several details as to the organization of the new Australian service of supply had been settled. General Barner announced on 19 December that his command. the nucleus of the new organization, would be known as the United States Forces in Australia, a name changed early in January to the United States Army Forces in Australia (USAFIA), Barnes had no hore than made this announcement when the War Department informed him that Maj. Gen. George Brett would soon arrive to organize and command all American units in Australia. Brett, who had served in almost every administrative post in the Air Coros was at the time completing an official tour of the Middle East, India, and China. On 15 December he had been instructed to attend a conference of Chinese, British, Eussian, and American representatives in Chungling apparently to reassure those interested in the Pacific war that "prompt and vigorour measures to reinforce the Philippines" were under way. Two days later it had been decided that he would take over the Australian command, but Brett himself did not receive official orders until the 22d, and did not leave Churking for another 2 days.¹⁸

The convoy reached the Brisbane area on 22 December where Parnes together with a delegation of American and Australian officers conferred

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with General Clagett, who had been selected by Ceneral Arnold as Brett's principal assistant in Australia. Clagett terporarily assumed command on the same day and prevared to carry out General MacArthur's instructions to dispatch the convoy to Manile. Barnes hed already completed arrangements for rations and quarters near Erisbane and for the assembly of aircraft at Amberley Field. The departure of the convoy, hovever, was dangerously delayed. The ships had not been unit-loaded, and in order to find the organizational equipment of the troops which were to remain in Australia and the parts for the aircraft which were to be associated there, it was necessary to unload "practically the entire cargo of each ship." Even then some of the vital parts of the A-34's, such as trigger motors and solenoids for machine guns, were never found. After many hours of fruitless search, it was decided to reload the goods scheduled for vater transport on the two factest ships, the <u>Holbrook and</u> the Blostfontein. In this operation, the Americans received wholehearted cooperation from Australian Laborers. The stevedores worked 24 hours a day including Christmas and Boxing Day (the day after Christmas) and had completed the locaing by the 28th, when the Holbrook sailed. The <u>Elosufontein</u> was delayed oving to a migunderstanding with the ship's captain over his contract, but sailed on the following day when a clarification of his orders was received from the Dutch . overnment. 19

Although supplies had reached Australia, an organization had been established, and the first reinforcements had been disputched

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to the Philingines, these steps were only preliminary to solving a multitude of unforescen provlens. General Marshall had sugrested that Australia's cooperation should be requested and that its recources should be utilized as much as possible in order to relieve the burdens on Auerican transport. Barnes and Clagett soon found. however, that Australian industries were already hardpressed to supply their own government's military needs. For a time, at least, little if any help could be expected. The transportation system in Australia was also unexpectedly primitive. The convoy had lended near Brisbane. Though Darwin was much nearer the battle zone, the difficulties, if not the dangers, of transporting goods from Brisbane to Darvin were almost as fret as from Darvin to the Philippines. To railroad connected these two cities, which were 2.500 miles apart by the most expeditious land route. For more than a quarter of this distance, only a notor road, with no parallel railroad, cut through the central desert. The motor road calle to an end within 300 miles of Darvin, where it connected with a railway capable of carrying no more than 300 tons of equipment and supplies a day. Moreover repair facilities were inadevuate for the laintenance of either road or railroad, and some of the rolling stock, amerently built to transport cattle, literally buddled under heavy discrican equipment.²⁰

Poor transportation, complicated even more by the lack of coastvise vessels, was only one basic problem. Both an adequate labor survey and sufficient storage denots were lacking. Indeed the lack of storage facilities wight have proved an insumcountable handicap **RESERVETED**

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had not several wool warehouses been made temporarily available at this time ording to the export of a considerable quantity of wool. To unload ships, to transfer supplies into warehouser, and to accomplish countless other related tasks required a readily available labor supply. This did not exist in Austrelia. Of a total population of only 3,000,000, approximately 350,000 acle-bodied men were in the armod forces as of 1 November. Many more were engaged in industry and farming occupations indispensable to the war effort. The problem was particularly acute in the Northern Territory where only a such fraction of the total Australian population lived. Furthermore, labor unions had obtained such a position that they seemed to regulate their hours of labor without considering the exigencies of war,²¹ a cituation hard-pressed Americans found difficult to understand.

These and other difficulties obviously necessitated the closest possible coordination with the Australian government. A good beginning had been and before the war, when conferences between General Brereton and Australian leaders and negotiations carried out by General Elecarthur prepared the way for the use of Australian bases by American bombers. The arrival of the 14 3-17's which had flown to Darwin from Del Monte in the middle of December presented a need for further coordination. The Australians had not been informed of the plans for employment of these aircraft, nor was there any general understanding as to the future movement of American aircraft to Australia. Moreover Australia had certain flight



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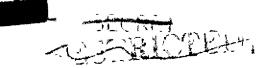
regulations which some incritent bilots did not deem it necessary to respect. It was considered important, for example, that the time and dectination of flights be filed with interested Australian authorities so that friendly planes would not be histoken for those of the energy. On one occasion, at least, the negligence of an American pilot in mailing to comply with this regulation caused considerable inconvenience to the Australian aircraft varying service. Such relatively minor oversights, however, were easily forgotten. General Nachrthur radioed Sir Charles Burnett, chief of the Australian Air Staff, a rather belated applenation for the presence of American B-17's in Australia, and American officiers be the a series of conferences to discuss basic problems of organization with burnett and other leading Australian air officials.³⁰

The first of these conferences, held at Amberley Field on 25 December, not only symbolized the proving cooperation between Australians and Americans but also considered a number of practical problems vital for the reinforcement of the Fhilippines. Of initial importance was the establishment of aircraft erection and refueling depots. The problem was to erect knocked-down A-24's and P-40's and to dispatch them to the Fhilippines at the earliest possible moment. Depot facilities were available at Archerfield and Amborley near Brisbane. Personnel could be obtained from the 7th Bonbardment Group, a heavy unit to be sure but wartime necessity soon converted its proud crevs into experts on A-24's. Aderican officers were alven the responsibility for creation of the planes, but an

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Australian, Group Captain Lochal, was put in general charge to insure coordination of all phases of the task. Once erected, the alreaft still had to be ferried a distance of 2,000 miles before they reached a final jumping-off place at Darwin. It was decided that refueling depots would be established at Quarleville, Choncurry, Daly Maters, and Darwin. One hundred-octane gasoline from the Fotherlands East Indies was available, but this fuel had such a high aromatic content that it destroyed the leadproof liming in ruel tanks. Consequently American fuel had to be imported. Some had alreadp arrived, and the stearship <u>Houma Lon</u> was on the way to Drisbane with an additional 400,000 (allons, but this was still far from the goal set before the war of 10 million values.²⁵

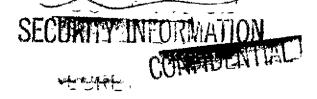
Another problem of importance considered by the conferences at Amberley was the training of pursuit pilots and bomber crews. The route from Brisbane to Darwin was difficult enough for inexperienced flyers, but the overwater hop from Darwin to the Philippines was beset not only with navigational difficulties but with danger of attack by Japanese aircraft. ExcArthur had stated as early as 15 December that transitional training in Australia for combat pilots would be essential unless they had previously completed a training course. At the Amberley conference of 25 December, Burnett and Chapett decided that a training school was necessary, and that one for A-C4 crews should be set up at Archerfield and another for P-40 pilots at Amberley. Specific plans were drawn up on the following





Gay at a meeting of American officers with Air Commodore Bladin, who was in charge of air operations in northeastern Australia. At this time, Group Captain Lachal was assigned as a general overseer of the program, and Maj. John Davies, commander of the 27th Group, assisted by Australian Squadron Leader Legood, was made responsible for the standard of training. The course was to consist of practice in night flying, dive bonbing, and aerial gunaery with special emphasis on the latter since few if any "of these USA pilots" had previously fired front guns.²⁴

By this time air force personnel had arrived from the Philippines to assist both in the erection of the planes and the training program. Lexbers of the 27th Grow, who had set out from the Philippines in a 0-53 and 2 B-16's, had reached Darvin by 22 December. On Christmas Eve, a funntas flying boot brought them--cloc in Australian uniforms and dirty, hot, and dishevoled-to prisbane. At a party that night nunch flowed freely and songs were sung far into the night. But on Christmas Day they were faced with the realities of their mission. They had been sent to Australia for the purpose of flyin; the group's 52 aircraft back to the Fhilippines. A preliminary investigation found that the A-24's still on a ship in Brisbane harbor. A nore thorough inspection showed what has already been pointed out: that the circraft had been loaded in a careless fashion. Instruments vere in need of repair, tires were defective, and parts were missing. In fact, according to one account, two officers "went into a flat





suin trying to locate solenoids and trigger notors, guns, and brachets." Meanwhile, several officers were delegated to act as flying and gunnery instructors for the newly organized training school. Lt. Harry Galusha gave daily lectures on low flying at Archerfield, and by 1 January 1943 official training operations had begun with Lt. Herman F. Lowery designated as acting operations officer. 36

The organization within thich these activities were occurring remained a rather anomalous one. Until 35 December the only over-all American military organization in the Southwest Pacific was the United States Forces in Australia soon to be commanded by Maj. Gen. George Brett. Although not an air organization, it was envisaged as functioning primarily as an air command "with the other elements being limited to those needed for the efficient air overations in the security of bases." Pending Brett's arrival, General Chagett continued to direct its activities. But on 29 December, General Brereton arrived in Darwin after conferences with American naval and Dutch air and army officials at Soerabaja and Batavia. He came with the following instructions from Ceneral MacArthur;

You will proceed with the Far East Air Force Leadquarters to the South. Your mission is that of organizing advance bases of operation from which, with the Far East Air Force, lines of communications can be protected by you, bases in Mindanao secured, and the defense of Philippines supported by the United States Air Forces in Far East. You will cooperate with the U. S. Mavy, with the Naval and Air Forces of Australia and the Motherlands Indies. Lialson will be established by you with Commanding General of U. S. Forces in Australia. He is charged with organization of bases in Australia. From those bases you will direct the operation of Far East Air Force and the disposition of Air Gorps troops in advance thereof in order to accomplish your assigned mission.

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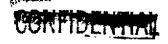
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Brereton outranked Clagett, and the latter did not know how Decreton's arrival would change the command setup then existing, nor did he know whother Brereton had made any plans which would alter arrangements already made in Australia. Brereton proceeded, meanwhile, according to General MacArthur's orders. He organized a temporary headquarters in Darwin and radioed the War Department requests for personnel and equipment which were needed for a newly established headquarters.²⁶

Theoretically the ain of all operations was the reinforcement and maintenance of the Philippines. But Brereton found that the sitution in Australia did not justify a hope that reinforcements and sumplies could reach MacArthur's hardpressed forces. The lack of necessary equipment, personnel, and transportation and corrunication facilities interfered. Even the few sircraft available were rounded in Australia for an indefinite time. The 27th Group was still awaiting the arrival of parts necessary to prepare the A-24's for combat, and P-40 pilots in Australia were equally frustrated by the lack of prestone, essential for operating liquid-cooled P-40 engines. None had been sent in the convoy with the planes, and although every effort was made to obtain prestone locally, it was believed that only enough for 10 aircraft might be found. In the meantime, the P-40's, like the A-34's, remained grounded. Furthermore, it was becoming, more and more unlikely that any aircraft could be ferried into the Philippines without running undue risk of being destroyed. The Japanese, who were using air bases on Mindanao by





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the last week in December, were astriac almost all possible routes from Australia, and A-34's or P-40's, with a range of little more than 500 miles and limited to the use of bases within that distance of Philippine airfields, would be relatively easy to intercept.³⁷

General Brett, who had reached Australia by 1 January, soon relegated the Philippines to a secondary position in future Allied plans. On 2 Januar; , he radioed General Marshall that he could carry out little in the way of tactical overations until "a stable establishuent" existed in Australia, and that this involved the construction of a large air base at Darwin and a "major repair, maintenance. and supply base at Toursville." Obviously, the time available would be incufficient for so large an undertaking. During a recent conference with General wavell, who had been transferred from the Hiddle East to India in July, General Brett had found rather surprising agreement with the British leader on general principles of strategy. On 5 January Brett presented their conclusions to a conference at which Australia was represented by the chiefs of staff, their deputies, and a number of government officials. The American representatives were Generals Srett, Brereton, and Barnes. and Colonels Perrin and Merle-Suith, the last being the American military attache to Australia. At this conference, Brett made it quite clear that he regarded the war in the Pacific as a "slow pressure war" in which Allieä strategy should be defensive until sufficient forces had seen accumulated to go on the offensive. Ths "(a) by vorting from Burna into China towards would be carried out:



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Shanghai to acquire advanced bases; (b) by exerting slow pressure through the Fetherlands Mast Indies and Malaya; and (c) by exerting similar pressure from Australia into the islands to the forth." Obviously Brett's strategic blane did not include an immediate attent to push reinforcements through to the Philippines. Indeed, he immediately ordered the only vessels on the way to MacArthur, the <u>Molbrophe</u> and <u>Bloenfontein</u> so laboriously reladed at Brisbane, to put in at Darwin and to discharge their cargo and all troops at that port.²³

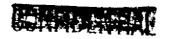
By this time, the War Department too had to all practical purposes abandoned hope for a large scale reinforcement of MacArthur's forces. It was clear that a reservoir of supply could not be built in Australia before all facilities for transfer of existing equivment were cut off by the enemy. No illusions were any longer held as to the possibility of i errying short-range planes to the Philippines, and the prospect of breaking the sea blockade with a navel ercent was even less premising. President Receivelt and trime Minister Churchill with their chiefs of staff had considered such an operation and had decided that the E vy, hard hit at Pearl Harbor, could not release combat vessels committed to Europe or the Middle East. After such a decision, no other conclusion seemed possible than that the "forces required for the relief of the Philippines" could not be placed in the Ear East "within the time available." On 3 January, therefore, a merorandum vigned by Brig. Gen. Leonard T. Gerou,

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Assistant Chief of Staff, recommended that "overations for the relief of the Philippines be not undertaken," and that for the time being operations in the For East be limited to holding the Unlay Larrier, Surge, and Australia and "projecting operations to the northward to provide maximum defonse in depth."22



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Chapter V THE ABDA COLLAID

By 1 January 1949, the Philippines no longer were considered of foremost importance in American Facific strategy, event possibly in the mind of General 22 carthur. Not only had the Japanese forced a large proportion of the Per East Air Force to abandon its forward bases, but they had also isolated the Fhilippines and were pushing back the Allied line of resistance. Allied strategy was accordingly changed to that of holding the East Australia. ¹ The new line Makey Feninsule, Summara, Java, ind Lorth Australia. ¹ The new line was anchored in Europe to the west and Dorwin in the east, its center fortified by the "imprograble" bastion of Singapore and the limited military resources of the Datherlands East Indies.

The acculation of the Notherlands Dest Indies had long been on essential part of Jopan's "Greater Dast Asia" policy. Her feilure to penetrate these islands percefully, together with the growing determination of England, Australia, and the United States to support the Netherlands poverment in case of war, had undoubtedly contributed to a Japanese decision to strike before that coalition had had an opportunity to , other its stren th. The first blows of the war, struck at Fourl Earbor and the Fullippines, were probably designed principally to clear the way for an invasion of





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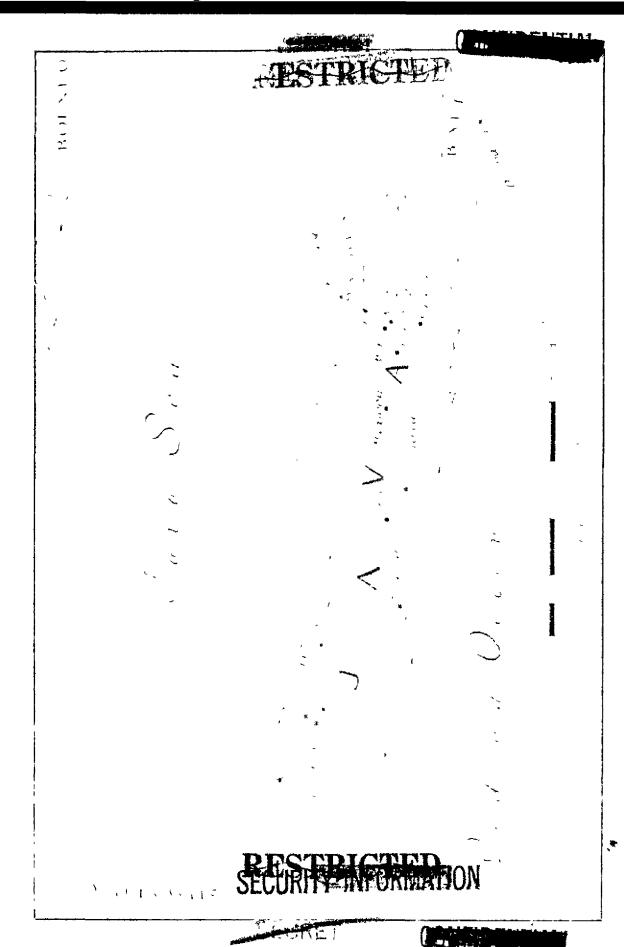
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the Indics. To carry out such an attact, the Japanese needed bases for their land clanes and a cort for their shipping. With the conture of Davco late in December, they had acquired both a port and an air base strate loally situated with reference to northern Borneo and Celebes. Frior to this, attacts on Indies bases had consisted only of sporadic air raids. The development of Devas, however, brought more appressive tactics. By 1 January Sarawah, a British protectorate in northwestern Borneo, had fallen, air raids on Tarakan on the northeastern coast occurred regularly, and nine days later enery landings had occurred at that point and at Henado on the northern tip of Oelebes.³

To carry out the difficult test of conovering this island empire, the Jearnese had powerful forces available. An Allied intelligence estimate of 13 January claced C6 sursuits and 135 bombers at Heinan and Formosa, 102 oursuits and 144 bombers in Fheiland, 90 pursuits and 34 bombers in the Philippines, 138 pursuits and 114 bonders in Laleys, and 24 pursuits already in the Indies. In addi tion to these land-based planes, the J. panese had 11 aircraft carriers with an approximate capacity of 152 dive bombers, 310 toroeco bombers, and 126 mursuit planes as well as 12 scaplene carriers which could base some 175 float planes. This concentrated air power could provide protection for troop transports and supply ships drawn from a perchant variae already svollen by the spoils of war. Furthernore, the Japanese were able to furnish a naval escort of cruisers, destroyers, and bettleships if necessary. The Japonese victory at





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Pearl Harbor and the subsequent sinking of the British <u>Prince of Moles</u> and <u>Repulse</u> disastrously limited naval resources available to the Allies.

The Netherlands covernment, long aware of the dan, er from Japan's ambitions in the Ear East, had not neglected the defenses of the East Indies. It had a regular army of some 40, 30 men, supplemented by perhaps 100,000 m tive troops. Unable to defend all islands in the ervire with such a small force, the Butch command vosted small varrisons at stratevic points, chiefly to carry out demolitions, and concentrated its main force on Java. The plan was to defend this key to the Kalay Serrier with ground troops and to break up Japanese convoys with Allied naval and air forces. 4 The cir forces vould fly principally from airfields in Java of which there were a number suitable for military emeraft and others used by commercial dr lines. Patavia, Java's conital, had both a connercial and a Lilitary airfield. The well-canouflaged military airfield, 3 miles coutheast of the city, had 5,000-foot runways of grass and underground fuel storage tanks equipred with electric pumps. Other rilitary dirports were at Malidjati, Bandoeng, Marelang, Hadioea. Lalang, and Soerabaja. Soerabaja, the principal Dutch naval base, was equipped to handle both land and sea planes. It had runways proved with apphalt and pipelines for the refueling of seeplancs. In addition to these fields, there were consercial airports at Cheribon, Sciarang, Jogjalarta, and Soerabaja, while numerous emergency anding fields, some of which were to be used later as secret bases for pursuit planes, dotted the Java countryside.

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Landing fields were thus adequate for basing a sizeable air force. The Dutch, however, had not achieved ecual success in building up a surply of nodern aircraft. On 1 January 1942 they possessed approximately 150 planer, all of ancient take. The wursuits were of either Curtiss or Brewster models armed with 2 x .50-caliber and 2 x .50-colliber machine guns, and the bonbers were principally Martin B-10's. The Dutch had counted on replacing these obsolete aircraft by acquiring a share of Allied production, but the only success achieved in this had been on mover. For examle, Inj. Gen. L. H. Van Oyen, contanding the Metherlands East Indies Air Force, had made frequent attempts to purchase modern aircraft from the United States, requesting at one time 18 four-engine borbers and at enother, 100 pursuit planes. According to Van Oyen, his requests were countered with the statement that Japan, the only possible enery, did not have modern aircraft, and that the last Indies would therefore have to be satisfied "with a type that is definitely not the best." Van Oyen, writing in November 1941, admitted that the United States had offered him 100 P-40E's, but added that their delivery dates, October, November, and December 1942, would be too late. "Now sad and utterly dangerous the situation is in our country," he concluded, "is best indicated by the number of pursuit planes us have at the present time."6 These vere

> 24 Curtiss Interceptors Model 21-B 19 Curtiss Fursuit Planes Model P-36 70 Brevster Fighters Model 339D 20 Brevster Fighters Model 339E



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Clearly the Dutch air force could offer little opposition to a Jepenese invesion, and it soon becaue apparent that the Australians and Dritish were in no position to offer much assistance. In fact, the british For Destern forces were so herdpressed in December that they had called on the Dutch for hele, and the Dutch had sont their Glonn Marting to bases in Summira where their could assist in the defense of Makeya. Until the fall of Singapore little aid was received from the British, and the EAAF, except for a soundron or two of Hudsons, never could spare more than a few Vildebeests and other obsolete sircraft.⁷

The burden for the air defense of Jowa, therefore, was to rest upon the Far East air Force. General Brerston, during his flight from the Fhilippines to Darwin via Soerabaja, had decided that the Boaber Contand would move to Jowa rather than robain in Australia. The number of aircraft able to make such a love, however, was appallingly small. On I January, 4 of the 14 B-17's which had been evacuated from the Fhilippines, were in need of depot overhaul, and thus only 10 heavy borbers were evailable for duty. Horeever, although the ground crews of the 7th Bonbardment Group were rabidly creeting the brocked-down A-94's, their bilots and jumers were still fuming at a lade of machine-gun parts which would keep the dive bonbers out of combat for an indefinite period. Let the same time, the only Aberican pursuit planes in the theater were still grounded owing to a lack of prestone. ⁶

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Fevertheless, the Wir Department was completing an ambitious plan designed to create something more than a token force in the Australian area. Herly in January, it decided that the air organizations should consist of 3 heavy bombardment (round, 2 media) bombardment ground, 1 light bombardment group, and 4 pursuit ground. It was hoped, moreover, that aircraft would be coming off the production line in sufficient numbers to mermit a 160 nor cent reserve at all times. This would require a more careful appreciaal of attrition then was possible in January, although Brereton's first estimate of a 40 per cent monthly attrition in heavy bombers, 50 per cent in light bombers and pursuits. 40 per cent in light-comber and pursuit crews, and 20 per cent in heavy and medium crews was accepted for the time being by the Var Department.

If this program of reinforcement were carried out according to plan, however, it would not be completed until Earch or April. Obviously aircraft, regardless of unit designation, were needed to need an immediate Jackness threat. There was some hope that a sufficient number of planes dight arrive in time. By the first week in January, the SS Polk and the SS <u>Hormack Sur</u> were under way loaded with 112 P-40's and 5 C-55's, and the SS <u>Hormack Sur</u> were under way loaded with 112 P-40's and 5 C-55's, and the SS <u>Hormack</u> and SS <u>Coolidge</u> with 50 additional pursuite were almost ready to depart the United States. The urgent need for heavy bombers was to be filled by the dispetch of 160 B-17's and M2-30's as ready as they came off the production line. The plan called for the ferrying of the first 50 of these aircraft to begin on or about 24 December with S B-17's leaving on both the first and the second days, 5 LB-30's



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and 2 B-17's on each of the next five days, and the remaining 44 clearing the United States at the rate of 6 B-17's a day. Actually by 3 January, 70 B-17's and 6 LB-30's were en route and 45 B-17's and 9 LB-30's were evaluating the take-off. 10

Scarcely less important than aircraft was the maintenance of a flow of ensumition, fuel, and necessary parts from the United States to the USABIA thich in turn would supply the For East Air Force. This required a coordination of effort between agencies in the theater and authorities in the United States which at first did not exist. Within a uce's of General Brott's arrival in Australia, he had submitted an estimate of his weekly requirements at 20,000 rallons oil, 500.000 rallons 100-octone rasoline, 600 x 1,000-round bombs and 15,000 x 600-pound boubs. He added that the following suitable an unition for aircraft operations chould be on hand: 5,300,000 rounds .30-caliber and 5,000,000 rounds .50-caliber. Mais message, apprently written before Brett had had a chance to arrive at a reasonable estimate of his innediate needs, browht the realy that limited shipping would prevent the building up of supplies for "long-time operations," and that he should limit his requests for supplies and personnel "to those absolutely necessary for effective air and anti-air operations of the immediate future."11

The problem of supply continued for many months to be a nost bothersome one. A message would be received in the theater listing the contents of a convoy. Itemized inventories of the shipment would be given, but, frequently, the items would be no more definite than "1,030 tons of pirolane spares" or "1,433 tons 44 supplies."

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Signamifests, moreover, were usually of little help in determining, the exact type of equipment in a ship's cargo, since the manifests too were often incomplete and usually general in nature. To make matters even more complicated, the Mar Department continued to oppose the sending of a unit's equipment and supply on the same ship as its personnel. This policy, followed for almost six months, resulted in countless hours lost in trying to find special parts or supplies. Manipment might arrive in one port and versonnel in another. Vehicles, tools, and side arms, as in the case of the 35th Pursuit group, might arrive as much as 3 months after the personnel. Parts, then they did arrive, might be defective, or supplies might have been deranged en route. In the case of the P-40's on the <u>Mariposa</u> 14 and <u>Goolidge</u>, for example, fusileges were *Cample* owing to improper loading in the United States.¹²

It was hoped that some of the inadequacies of supply could be overcome by utilizing commercial (ir lines to speed some parts and ammunition to the forward areas. By 31 December a contract with Pen-American Airways had authorized extending its services from Khartown to Darwin. To furnish adecuate service, however, it was essential for Pen-American to sign subcontracts with foreign air lines, marticularly with Knilm, c Dutch corpany, and Quantas of Australia. For over a month, Harold Gatty, Pen-American representative, attempted to obtain suthorization from some qualified American official to deal with Quantas and Enilm. But not until the first week in Fobruary did General Brett finally grant the suthority, and all details had not been settled by the end of the month. Heanwhile,



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the Air Corps Ferring Command had taken steps to establish at least token service. It stationed a detachment convisiing of a weather officer, a control officer, and b enlisted men at each control point from Mauli to Bangalore. Three B-32's were also sent to the AdDA area to transport personnel and supplies when the need was unusually urgent. Indeed, the pilots of these planes (Funk, Nutchinson, and Davis) were to prove themselves indefatigable in transport missions. Nevertheless the supplies arriving b, air routes were never more than a trickle during the Jave cannaign. Even the attempt to ferry heavy bombers could hardly have been considered a complete success since by 20 January there had been an estimated loss of 25 per cent over the Atlantic route.

As Jenuery overed, these and other problems of organization and sumply remained to be solved. In Australia the Far East Air Force had no pursuit planes or light bombers in cormission; it could not depend upon a constant sumply of fuel; and its ground crews had few spare parts and little maintenance ecuipment. Fevertheless during the last 2 days of December, 10 E-17's of the 19th Group set out for Ealong, Java, to participate in the campaign for the defense of the Metherlands fast Indies.¹⁴ For the first time in this war, an American air unit was to be empired in the active defense of foreign soil and would operate, theoretically at least, under the supreme command of an officer of another nationality.

The need for a supreme commander over the area was clear. The Netherlands East Indies held a strate-ic position in the linksy SECURATION SECURATION SECURATION



Barrier which Britain, Australia, and the United States had acreed must be defended. To atternt an uncoordinated defense of segments of that line would obviously result in frittering away available forces in hopeless efforts. The ABLA powers-American, British, Tutch, Australian-Accordingly found themselves faced with the necessity of experimenting with a unified computed consisting of air, land, and are forces.

Prevar attents to bring about military coordination among these associated powers had accomplished little more than to prepare the var. 15 Cn 33 December, however, Jinston Churchill arrived in the United States to confer with President Roosevelt. Athin three weeks there had been established not only an over-all strate, ic command for the conduct of war in the persons of the combined Chiefs of Staff but elso a unified command for the Jetherlands short Indics Imown as the John Colland. Furthermore by 1 January Gen. Sir Archivela Mavell, already in India, had been directed to assume a subrene command subject only to the over-all direction of the Combined Chiefs of Staff. Avell, whose theater of operations was to include the Philippines, the Netherlands East Indies, Malaya, Burma, and that portion of Australia unintaining troops specifically allotted to the ADDA area, war riven brond administrative nowers. He was "to coordinate . . . all organized land, sea, and air forces . . . ; to dispose reinforcements; to require from supprdimate commanders such reports as may be necessary; to control the issue of all communicues . . . ; and to organize task forces for specific missions. "16



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In general the orders given by Wavell to members of his staff were to "be limited to those required for strategic coordination" in the defense of the Malay Barrier and the support of the Philippines. We had no authority over the "internal administration" of any national force, nor wight he interfere with communication between a national commander and that communication between a national commander was authorized to append to his government if he felt that the execution of any order would jeopardize the national interest of his own country.¹⁷ Aircraft coming to Australia over the ferry routes, for example, were subject to the authority of an american commander only, and were to be organized into American could units before being assigned to the ABDA Command (LEMANOL.) for operations.¹⁸

In spite of the fact that the original directive in its definition of the ADDA area included the Fhilippines, some confusion remained as to the exact relation of Lavell's command to that of MacArthur. This was apparent when General Lavell, in announcing that he proposed to assume command on middey, G.T. of 15 Jenuary, stated that he did not wish to accure any responsibility for the Fhilippine Islands at that time. President Roosevelt immediately radioed a concurrence with Mavell's decision, but added that this was contingent upon the approval of the Prime Minister. Actually it was General Marshall who convinced the President that the Fhilippines were not to be excluded from the ABDA area. Marshall admitted that "comprehensive operations" for the immediate relief of MacArthur's forces were not feasible at that time, but contended





that even the termorary exclusion of the Fallignines would destroy "the basis of the ABDA arcement."¹⁹

Leanwhile, several problems had arisen in the choice of General Wavell's staff. The selection of Brett, ranking American general in the theater, for beguty Supreme Communder und a lotical one, as was that of Addiral Hart for the Paval Command, but Wavell's personal choice of Maj. Gen. Sir Henry R. Pownall as Oldef of Staff at first caused some concern. Apparently Pownall outranted Brett, and this, it was felt, hight adversely affect the prestige of the United States. To avoid the friction which might arise if Wavell's choice were questioned, nowever, it was decided to promote Brett to the rank of lieutenant general, the promotion dating from 7 January 1942. This improved Brett's position, but did not settle the question of runk to everyone's catisfaction. For several months Americans found themselves dealing with Allied officers of superior grade; at one time it und even feared that Australians might be given the constant of American units.²⁰

Even more difficult than this question was the problem of defining the duties of the principal Americans in ABDAGON. During that compand's existence, orders were so vague, the area so vast, and complications so many that responsible American officers rarely linew what their responsibilities were. General Olagett, who held an over-all command in the Townsville area, was considered by Brett as uncualified for a higher position, but was not ordered back to the United States until February. General Barnes was subordinate



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to both Clogett and Brett, but when the latter left Australia for Java to assume his duties in ASDAGON, Larnos had received no official statement as to the extent of his authority. Brett, who had left Australia by 6 January to discuss his new duties with Mavell, was also embarrossed because he had received no official orders from the Mar Department. Nevertheless, he had been informed that he would not be able to perform the duties both of commanding general of USAFIA and of deputy to Mavell and had been requested to recommend a successor for the American command. Brereton's position was equally vague, for on 12 January he was appointed by the Mar Department to the command of all American Army forces in Australia, Brett's former command, and at the same time he was appointed Deputy Chief of Air Staff for AbDACON, apparently by Mavell.²¹

It was advious that Brencton's duties required careful definition, but it was not until the end of January that some of the confusion began to clear away. For several days, therefore, Breneton attempted to carry out two jobs at the same time, one in Australia and the other in Java. This division of responsibilities brought immediate objections from General Lovell. Officially Breneton was subordinate to British Air Marshal Peirse, who had not yet arrived in the theater, but Wavell pointed out that as Deputy Chief of Air Staff, Breneton actually would be responsible for "the organization, preparation, and operation" of all American Army forces in the AEDA area. Since the added responsibility of the Australian commend imposed too much on a sin-le individual. General Marshall





had sug ested that Brett "volunteer" to assume some of Brereton's duties, pending Peirse's arrival. Mavell stated, however, that meet had responsibilities of his own since he was to have a "large mensure of operational direction" over Brereton's forces and was to see that supplies reached the ABDA area both from Australia and from India. In Australia, according to Mavell, Brett should have a "high ranking air officer" other than Brereton in charge of part of the supply route.²⁰

wavell's recontendations, concurred in by both Brett and Diversion, were carried out almost to the letter. A dar Department radio of 17 January designated Brereton as Commanding General of the Aberican tactical forces in the AbDA area and Barnes as commander of base facilities in Australia, although Barnes did not formally assume that command until 09 January. Brett's duties were more complicated es he had two official responsibilities, Leouty Commander and Intendant Ceneral. Dut on 20 January he was able to say that as deput; to Javell, he was to supervise all air activities in the area, while as Intendant General he was responsible for coordinating all adminictrative, supply, and maintenance activities for both ground and air forces.²³

Althou h there had thus been some clarification of the duties of the American consumders, noith r Brett nor Directon was at all satisfied with his status in the theater. Erecton was particularly disturbed. He believed in the first place that ADDACON was interested in its left flank, Malayz and Burna, at the expense of Australia,







but he also co-plained that he was not gotting the necessary results from the American command in Australia. It is rather difficult to determine upon when Brereton put the blane for this alleged hack of cooperation. At one point, he apparently felt that the problem could be solved by a complete separation of AED400K from Australia, with America taking "charge of the internal situation" of that country through its ministers. Shortly thereafter, however, he approved a cable which recommended that the air forces in the ABDA area be under one command, that Australia as a supply reservoir for this force should be under another command, and that the Deputy Commander should "direct and control" operations in Australia in order to insure proper coordination.

The Mar Department was disturbed over the confusion which still existed in the ALDA area, chiefly because it seemed to threaten the principle of unity of convend. The feeling of the planners in Machington obviously was that Broreton wished the re-establishment of the original convend which had been changed at Wavell's request with both Broreton and Brett concurring. At this critical point, General Earshall was not willing that the success of AbDa001 be threatened by a lack of coordination among American officers, and he forcibly expressed his feelings to Barnes and Brete the fixed policy of the Uar Department" was "to seek defeat of the energy in that region through unification of effort under the commend of a sin-le



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individual, nearly General Acvell," and Breraton's mission was to carry out levell's orders with all available forces. So

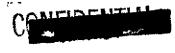
At this point a decision to change the may d commander of what it presented further complications. Auriral hart had indicated that he considered himself too old for a contet corrand, and President Rosevelt a reed to his replacement by the Dutch Adviral Helfrich if Movell should approve such a change. In that event, Roosevelt, bolieving that it us "essential that the United States have one of the important commands in the ABDA area," suggested to Prime Einister Churchill that Brett should replace Air Larshall Peirse in the air command. It would seem that this would have been a next satisfactory solution for Frett. He had complained about the difficulty of convincing Australians and the British of the importance of his position. about the lack of a clear definition of his tasks, about an insufficient number of trained American personnel for his staff, as well as about a number of other things, but it was now Brett who opposed c change. On 3 February he informed Marshall that as Deput. Jourander he energised "a very tangible control" over all American forces in the ALDA area, that he was requiring more control over those in Australia, and that as Intendant General his duties were similar to a G-4 in the dar Department. Furthermore, he opposed the replace-..ent of Peirse the two we "cap ble, energetic" and cooperative. According to Drott, "drastic charge," such as replacement of Poirse by an Americ n and Hart by a Latchian, "would be upsetting,"""



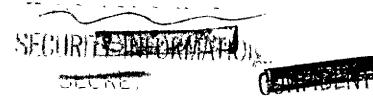
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Brett's objections apparently had some influence upon the final decision as to a change of commund. On 14 February, Vice Admiral Felfrich did replace Eart, a change which Brett had opnosed. Lut Brett continued in his previous dutier, and februe remained in the air contant with Eroroton "in the driver's seat" in charge of operations. By this time, however, it was clear that more than a reorganization was needed to halt a Japanese advance which had won victory after victory since the first attacks had brought disaster to Fearl Harbor and to Clark Field. Sin more, the principal defence of the Wakey surface, had foller, and Japanese forces could now be concentrated upon the Fotherlande East Indice. Lifferences over personalities and common functions at such a time were insignificant when the immediate need was to stop the energy.





Chapter VI

OPELATIONS IN THE LEPHERIANDS LAST ILDIES 1 JANUAR 20 FEBRUARY 1942

The establishment of ASDAGCI was a necessary step in the attent to hold the Jop ness advance. For such a control to function, however, a hondquarters had to be set up, communications established, and countless other practical details settled, all of which took time. The need for establishing a more extensive system of contunications than had hitherto existed, for example, dangerously interfered with carrying out the command function of ALDAGC. It had been thought that Dutch equipment and communications channels could be used with British codes and ciphers. But these facilities proved incepable of expansion, and when ASLAGOI headquarters moved from Batavia to Lembarg on 16 January, it had to depend principally on a U.S. Havy radio unit located there. Indeed, this served as the only communications system for averian forces in Java at the Deginning of the coupalign.

Since over-all direction was lacking for almost the entire first wonth of the LM compaign, the har wothin force was able to make hany of its own decisions regarding operations. Although General increation was officially in command of the air force, he had left its administration in the hands of his chief of staff, Col. Francis Brady, while devoting his own efforts largely to negotiations





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arong Australian, British, and Dutch officials. Brady, ably assisted by Capt. Louis E. Hobus, Capt. Millian Hipps, and Laj. Emett C'Donnell, continued in this capacity until 25 January 1940 when he officially assumed the command. Prior to 14 January, when FEAF headquarters was moved from Derwin to Java, this organization had been able to exert only a remote control over American air operations in the Metherlands East Indies. Accordingly upon the shoulders of Col. Dagene Mabank, V Bomber commander, rested the principal responsibility for the first operations of the 10 B-17's of the 19th Group in Java.²

Ey 1 January 1942 when Colonel Lubank's command had reached Nalong, a good air base had been established and tentative plans had been completed for a new series of operations against energy outposts. The air case itself, known as Singosari and approximately 5 miles northwest of Malang, consisted of an all-sod field some £,0.0 feet inlength currounded by rice maddles and jungle. In spite of its lack of moved runweys, it proved to be a setisfactory base with a reasonably agreeable climate and confortable cuarters. The obvious targets for hervy-bomber operations at this time were at have and on the island of Jolo, situated about helfway between northern Borneo and Mindanco. U. S. Navy patrol planes, the FBY's of Petving 10 which had escaped from the Philippines, were keeping a careful check on Japanese activities and reported large concentrations of Japanese shipping at both these points. Indeed, six of these heighty vulnerable planes attempted to attack shipping at Jolo



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on 27 December, but energy pursults intercepted them and shot four down. $\overset{\rm U}{}$

Heavy bonbers based at Islang would have to use intermediary bases for overations against Davao, 1,500 miles distant. Fortunately good staging points within easy bombing range of Philippine targets were available at Kendari in Celebes and Sam-rinda on Borneo. These bases had been surveyed by Capt. Havin B. Broadhurst acting as the 19th Group's engineer officer and had been declared suitable for heavy-borber overations. The first mission was planned for 2 January, and Satarinda was alerted to service a flight of American eircraft. Wight B-17's took off from Melang, but after fighting storms and moor visibility for more than 4 hours, they were forced to return to base. On the following day, however, the weather was fair with unlimited visibility, and nine B-17's reached Samarinda shortly after noon. Maintenance ... had accommanied crews and. assisted by Dutch ground personnel, spent the remainder of the day in servicing the planes, loading each with 2,100 allons of 100octane gasoline and 4 x CCO-pound bombs. At 0515, 4 January, the circraft began to take off, and 2 uinutes later the entire flight, except one plane which "broke an oil line," had cleared the field. For over 500 miles of the 730-mile trip, the bombers flev at 10,000 feet, but as they approached Davao Gulf, now herboring at least 12 transports and over 24 warships, they climbed to 25,000 feet. Choosing the warships as targets, the formation led by Laj. Cecil



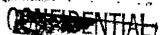


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Combs divided into flights and boobed at 1-minute intervals. Antiwircraft fire never caught up with the bombers, and although pursuit aircraft took off from David wirfield, they could not reach the altitude required in time to intercept. The bombing was fairly recurate: one destroyer was sunk; a number of hits were scored on a battleship; and bombs fell near enough submarines and other small vessels to cause some dama, e. The american bombers escaped unserthed and landed at Samarinda at 1450, each plane having less than 250 (allons of fuel in its tank.⁴

Const squadron returned to Malang on 5 January. The mission had wen successful, but Samarinda had not proved/entirely satisacctory base for heavy-lonber operations. Apparently more than a week of dry weather was required to prepare the unpaved runways for heavily loaded aircraft, and although new runways had been completed, the sod would not be firm enough for the use of E-17's for several months. Furthermore, fueling the nine olenes for the trip such to Malany had exhausted Samarinda's supply of 100-octane gasoline. 2; 7 January, however, Colonel Auban': had lerrned that 100-octane fuel was stored at Kendari, an alternate staging base, and on the following day nine planes, again led by Major Combs, left Malang for that point. The field there proved to have better facilities than Saverinca. It had a dispersel area which would accoundate 35 heavy bombers and near-by fields which could be used by pursuits; construction of extensive living cuarters was well under way, and sufficient 10%-octane resoline was available for at least one nine-

plane mission.

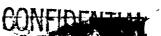


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At 0100, 9 January, Major Combs led his formation off the Hendari field. The weather was not favorable for a mission; the counterial front was unusually turbulent, and flying at high altitudes brought an added danger from carburetor icing. Only the flight composed of Combs and his two wingmen, McIntyre and Leiser, co. pleted the operation in formation. Visibility was poor as the three planes reared over Malalas Say in the Culf of Davao, but bombs vere dropped on warships spotted in the bay. After the bomb run, snoke was een youring from a wattleship and it was observed that one bond which had missed the ships had crashed into shore installations causing further Cause, e. The other six planes had less success. Tizo circraft developed engine trouble, and two more failed to find their forration, all four returning to Mendari without having reached the target crea. The remaining two planes, miloted by Gartain Parsel and Lieutenear Connelly, corried out several bombing runs over a number of transports, but failed to score any hits.

The air Missions of 4 and 9 January, although pertially successful. did little to interfere with Japanese plans. high-raiking, Japanese officials were establishing a hondowarters in Davao, and the forces already in this area were being reinforced by portions of a Japanese expeditionary fleet. It was not clear at first where the next energy blow would strike, but by 9 January Parakan in northeast Borneo and Menedo in northern Gelebes were under attack. ABDAJON's naval forces could offer little resistance to these assaults, for

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Admirel I rt, arainst his better judgment, had acceded to a British deland that nevel escert be furnished convoys headed for Singapore. As a consequence he had too few ships available for a striking borce.⁷

It was hoped that the air force could give some support to the a mult butch garrisons which were diencely residuate the Japanese landings. Although only seven 3-17's very scalable, a discion was planned for 11 January. Weather conditions were unusually and on that day, and the planes or they rolled off the Sincosari runway were subjected to a sovere bettering from wind and rain. Four planes soon lost the formation and turned back. Lajor Combs persisted, however, reached Taratan, and Cropped 4 x 600-pound bombs in the general target area. Leanwhile two of a flight of energy pursuits which attacked the E-17 were shot down. Dieutenants Aurtz and Connally also succeeded in penetrating the equatorial front. Lobs were dropped from 23,000 feet on Taratan, but visibility was so bad over the target area that no results could be discerned.

Again, bombs dropped by half a dozen coursgeous bouber creas could hardly be expected to halt a Japanese attack launched in overubolaing strength. Tarakan and Lenado both fell that some day-ll January. It is possible that the few heavy boubers available to the 19th Group might have slowed down the Japanese advance in the torea had their creve been permitted to follow up the 11 January attack with others directed a dingt the same targets. Instead of followin





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this strategy, however, the limited resources of the bonder command were diverted, by order of General Javell, for a single mission a minut a point in Unlaga, 1,060 miles from their earlier target at Taraban.⁶

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The target decignated for this rission was the Spengi Patani airfield, heliway up the falsy peninsula and recently captured by the Japanese. Elfteen hundred miles from Maling, it was beyond the 1-17 radius of action from that base, and required the use of an intermedi my field. The one chosen was near Palenbang in Sumtra, coout halfway to the target and moun to have so a maintenance facilities. Une mission started on 14 January when seven B-17's. archn led by Major Conbr, tool off from Singosari for Pelenbeng. Little had been 'moun of the servicing facilities at Palembang, and it was found that although some preparation had been made for the mission, there was a lack of proper equipment and trained maintenance personnel. Only three 65 -gallon servicing trucks were available, and these had to be filled from drugs. The American crews considered the this method of refueling unduly delayed the take-off, but the process of loading borbs resulted in even further delay. The Tutch had planned to use 100-kilogram bombs, but the Americans preferred ED-ciloural: so these were loaded on the ships. It was then discovered, after considerable search, that proper fuzes could not be cound. The 50-tilogram bonks were therefore unloaded, and 100kilo, row substituted. If this tile, the crews had been taken into

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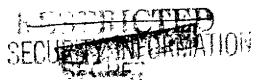
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and the set of tom for food and a few hours of rest. And since the men remaining on the field did not know how to fure the bombs, the task had to be left for the following day. Not until 2000, 15 January, were the seven planes ready to take off. 10

Five planes, led by Lajor Combs, reached the target area. Two ships were forced to turn back to Pale ban, after Lieutenant Teats had lost the formation during a storm, and Lieutenant Vandevanter's 3-17 had developed a faulty supercharger. The remainder of the forantion was afflicted with univorable wather throughout the 750-mile flight. In addition to storms which frequently buffeted the plones, windows troated over in the freezing temperatures of a 27,000-foot altitude, and the frost had to be removed by hand to who vision mossible. At this altitude, However, the bombers were relatively safe from enery attack. Pursuit planes unsuccessfully tried to intercent the ., and although antichroraft fire reached their altitude, it regularly burst far behind. Several book runs over the target area were made with inconclusive results. Some bonds fell short, ovor '30 hit the sirfield, fires were started, and several enery aircraft were probably destroyed on the ground. Instead of trying to reach Falenbang on the return trip, the five sircraft landed first at Thonge, a "roor evergency field in Lorth Sumetra." On the following morning, one place flew directly to helring, while the other four stored briefly at Paleubang for service before returning to base. In spite of the Can ers of the unfamiliar 3,000-mile dssion, it was performed without serious disher until the last



four planes landed on the rain-socked lalang field. At that time, Lieutenant Bohnaker's brakes failed to take hold, and the B-17. crashing into a ditch, was dateged beyond repair.

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The V Bouber Command could not afford to lose even one of its heavy borbers. Until 11 January there had been no replacements for the 35 3-17's which had reached the Philippines before America entered the war. Of the 14 which survived the Philippine campaign, onl: 10 hoù been operstional since their retreat from lindenao. Fortunately, however, the heavy-bouber reinforcements allocated to the Fush were on the way by the first wee't in January, and the tirst ones had arrived before Bohater's plane was lost. Letween 11 and 13 J. munry, 4 13-50's and 3 2-17's reached Java. Syo of the B-17's, biloted by 16. Kenneth B. Lobson and Lt. J. J. Hughes, vere the first to fly the couthern facific route. The others all cane by way of Arrica and India. All were flown by complete crews of the 7th Bonbardment Group (H) and were not only ready for combat but carried a cargo of sulfa drugs and other urgently needed supplies. The 7th Group was to be based at Joggiannte, 150 miles west of Molene, but until the ground crews arrived from Australia, its planes used the facilities of the 19th Group at Singosari.

while the 19th Group's seven 3-17's were on the Malayan mission, only the new planes were available for operations plainst the Japanese north of Java. It is cuite possible that, as both Ceneral Broraton and Addred Mart believed, General Vavell was not



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sufficiently aware of the threat posed by the enemy's now wellestablished position in northern dorneo and Gelebes. To American bonbers operated a minst the Japanese landing on Gelebes, and only the one unsuccessful mission of 11 January had been directed against Tarakan. Since then the enemy had had time to bring in land-based plunes and to prepare for their next move. Already within 350 wiles of both Samerinda and Kendari, they were in a position to strike at those staring; bases with bombers escorted by oursuits. The realization of this fact probably : counts for a mission of 16 January flown by are which had little more than reached Java after an exhausting 10-day ferming the fact by fact the United States.¹⁵

Shorthy after noon on 16 January, 3 Labobs and 2 B-17's, all of the 7th Group, took off from Unlang. Their target was Manado at a distance up the northern arm of Gelebes which required the use of the stating area at Mandari. They arrived at that point 4 hours later, were refueled, and each L2-30 loaded with 12 x 100- and each B-17 with 10 x 100-bilogram books. Before anym on the following day, they took off, the lead plane biloted by Unit A. A. Straubel and corrying Japtaka Broadhurst, the only officer on the dission familiar with the area. The LB-50's flew over Langban, 20 diles south of Menado at an altitude of 19,600 feet and dropped their books scoring hits on an airfield there. Each pursuit blanes caught up with the bookers almost inmediately after the bone runs and subjected the inexperienced American crows to a concentrated 5-minute attack. Three wen, S/Sgt. Walter B.Kolbus, Lt. Francis McGivern, and Col. E.





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Jonner, were woulded in Lt. John E. Dougherty's LB-30, and the plane itself was bodly dawaged. Dougherty succeeded, however, in making a crash-landing on a tiny island with "a streak of sandy beach" off southern Borneo where the crew was stranded for 6 days before being rescued by a many MAY. In the same attack, Lt. M. E. Wayse's plane was as badly hit, and two of his crew very wounded. Bayse could wanhoulate the controls only with the help of co-pilot Victor J. bondie, but even then they were forced down at Lacassar in southern Jelebes, the plane dawaged beyond repair.¹⁴

The two D-17's meanwhile were carring out an attack over Menado Boy. Soveral borbing runs were hade over a number of transports at the docks, and one transport was seen to causize. Within 5 minutes 15 energy pursuits, two of which were identified as reserschritts, intercepted the bombers and attocked from the mar and from below. Laj. C. F. Vecrason's plane reached Kenderi after his gunners had shot down five enery pursuits, 60-, ear-old 1/Sgt. Louis T. Silva particularly distinguishing himself in shooting down several planes with one of the side guns and in assisting the younded tail gunner. Fvt. A. J. Hogichl. The other 3-17 suffered more heavily from Japanese attack. One ongine was soon shot out and the fuselage riddled, but the bilot, Lt. J. L. Pufrane succeeded in Landing at Kendari. On this occasion, however, Jammese pursuits followed the heavy bouber to the field. Hear son had sufficient varning to get his plane off the , round, and reached Malana after a running battle, but Duirane could not set his plane anto the air. For 2 days enemy

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With inchequate antidureran't facilities, J we was in some need of an interceptor control. Unfortunately, although a Dutch organization existed, ADAGE never had a sufficient number of guranit aircruft to defend its navel and air baser. Only obsolete Dutch planes were available for this purpose until late in January, and their pilots were usually advised to stay out of the way if any Japanese chroneft were in the vicinity. The scarican P-40's in Australia were still in the neighborhood of Drisbane. Indeed toward the end of January General Arnold was beginning to wonder why he had received no reports of their operations at a time then his records indicated that approximately 160 of them had been delivered at Townsville. Actually the first A erican pursuit planet did not reach Jaw until C's January, and no more than 10 ever did arrive there.

This first delay was could by a number of factors. In the first place, the croted 2-40's which had atrived in Australia, had to be erected by untrained maintenance personnel, the ground crows of a heavy-bonburdment group. In spite of unfamiliarity with the pursuit plane; however, a cortion of the 7th Group erected 135 P-40's from experimentally 28 Eccember until 1 February. The first x-40's to be erected had been grounded owing to a lack of prestone, but fortunately, by February sufficient prestone for the use of several squadrons had been found. Further delay was caused by a lack of trained pilots. A training school at Amberley had been giving instruction in flying and jumary to the pursuit pilots who had arrived from the United States during December and January, and the original staff of the school had been improved by the addition of three pilots who

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has been evacuated from the Milippines, Lts. Boyd D. Jeaner, Grant Lakoney, and Allison a. Strouss. These voternas were appelled by the inemperience of the students assigned to them. Bolonel Brady later stated that the new arrivale from the states had averaged no one than 3 hours in a combat plane, and that lev of them had fired guns. Womer, Mahoney, and Strauss rediced the far Department on I Debruar: that it would take 5 nonths and 15 wrecked planes to train the "seventy so called mursuit bilots" for conflat overstions. Already, they said, there had been eight accidents "all due to bilots inexperience. ⁽³⁾

Of the first American pursuit pilote to fight in Java the rejority were chosen from those evacuated from the Ehillepines. They had arrived in Australia on 51 December and 1 January. Athin 2 weeks 17 P-40's had been erected, and sufficient prestone for these planes had been found. On 14 January, therefore, General Brereton authorized the activation of the 17th rursuit Saudron (Provisional). The figure personnel of the new unit consisted of 13 Ehilippine veterans, its commender (Laj. Charles A. Sarague) and 12 lieutenants (Boss, Mokillue, Slanton, Dale, Maser, Mruzel, Fommon, Roland, Gilmore, Geis, Lari, and Irvin), and four second lieutenants (Frout, The moon, Drown, and Stauter) recently arrived from the United States.²⁰





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being over a portion of the Australian continent which had few easily distinguishable Londmarks and a communications system not understood by American pilots. On 10 January, when the 17th Squadron left Briebone for Java, therefore, they were eccorted by two Australian-Lonned Faire, -Battles aircraft. Following a route via Rockharpton, Bornsville, Cloncurry, and Del: Maters, 14 P-40's had arrived in Darwin by to January. The other three planes were coloyed by accidents, at least one having been completely "washed out" in making a landing. Thile waiting in Dervin for final orders, the scuadron's calisted mersonnel arrived in 0-30's to service the planes for the remainder of the flight.

On 2° January, the scundron left for Jova. Mithin three days 13 blones had reached Spermorje. For a wart of the distance, notably the 540-tile has over water from Dervin to Keepeng in Timor, they had been guided by a two-engine Beechcraft, but one flight of the squaron had flow the last law of over 500 miles from Mainganoe in the islam of Speake "ithout escort. While at Spermonje, the Averian pilows worked on alreading identification and carried out test flights in conteration with the Dutch Air Defense Spand. On one occasion they were called upon to provide protection for a crimpled Dutch such rine off the coret of Mornes, but the verther was so and that the six planes which took off were soon forced to return, and one of the scene ted up in Londing.²⁵

The permanent base for the 17th Scuadron was under construction at Blimbler, 10 miles contructs of Djorfon . Oleverly concealed in RESTRUCTION

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c jumple hundscorpe, the field, 'moren to the Americans as Lypro, hud two 4,000-foot runklys surfaced with smooth sod. Textways, in which planes could be completely excoullaged with a protective covering of tree branches, were out into the surrounding jungle. By 1 Pebruky: the field was ready for occuration, and 12 P-40's with 13 bilots arrived on the field. In addition to the comput personnel, the squadron had by crew chiefs, 17 preserves, 1 line chief, and 1 iirst sergeant, who did their best to keep the planes in operation with almost no special tools or spare parts.²⁶

If the knerican pursuits had seen further delayed in leaving Lustralia, it is doubtful if as many would have reached Java safely. Japanese fir raids were increasing against points from Sawarinde and Californan in Borneo to Macarsar, Dilli, Asbon, and Koevang further to the south. At Mooring on K Jimury, a 2-40 which had Leen left behind was destroyed in a Japanese strafing attack, and two days later three Hudsons very destroyed on the ground at mibon. Even ore forebooing wore continued one in thi dous novements. On 70 J rurr, butan aircrott h.d. romarted that 50 to 40 transports escorted by 15 versions verse a iling southwestered through the belabes Sec. On the following deg. averian submaines stationed in Lacussar Strit had spotted a part of the same convoy, and from then on the ubiouitous rBN's of Fetwing 10 had maintained contact. At first it was not clear at what soint the Jopenese intended to land, but by fü J man, & twing 10 reported 5 transports, 4 cruisers, and 14 desr reports vere received at troyers moving toward ga

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nursuits prid frequent visits to the airfield, harpering the efforts being made to repair the 2-17. Finally learning that enery ground forces were infiltrating toward Kendari, the crew destroyed their plane and returned to Falang.

The aggressive Japanese pursuit tactics together with the infiltration south through Gelebes and Borneo effectively barred the further use of Kenderi and Scherinda as staging bases for heavy boubers. Since these points were over 700 miles from Unlang, it was clear that, with a radius of action of approximately 750 miles, a 1-17 would have difficulty in operating north of either Kenderi or Scharinda. In fact, the only possibility thich seemed feasible was to attempt shuttle-borbing missions between Unlang and Del Conte. This would involve not only flying 1,000 tiles through an unpredictable equatorial front and over the Japanfested Gelebes Sea, but lending and being serviced on a preceriously held christion subject to almost daily air attack. On the other hand, such a mission would parait two-way boabing stacks on targets between Java and the Philippines and vould facilitate the evacuation of the trained personnel of the 19th Group still at Del Fonte.

Apparently it was considered that these advantages warranted the trial of at least one such operation, for on 19 January mine 2-17's set out for Tel Fonte. The flight led by Lt. John D. Connally consisted of the five veteran crews of Connally, Heiser, Schaetzel, Wesh, and Deats and the recently errived 7th Group crews of Unit Henneth B. Folcon, Just. F. M. Mey, Lt. C. H. Hillhouse,



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and Lt. J. M. Hu hes. In fine trouble caused Hobson and Euches to turn back, and Millhouse was forced down at Samarinda, but the other six planes arrived safely at Del 'onte. They had fought heavy rains and severe thunderstorms and had bombed shipping near Jolo scoring possible hits on a cruiser and a tanker. On the return trip, storms shut out Jolo and hindered borbing overations, but the planes had all reached Lalang by noon of 20 January carrying 35 officers of the 19th Group exponented from Sindanao.¹⁶

The Del lonte mission was a success, if for no other reason then that 70 trained men were added to the short roster of the PAR in Java. The lack of air force versonnel, verticularly vaintenance personnel, use one of two principal obstacles in the way of efficient air over tions in the Netherlands Mest Indies. The B-17's which had originally flow from Darvin to Halong had been able to carry few trained ucchanics. As a conservence, the creve thenselves had to service their own plenes. This required hours of labor both before and after exhausting issions carried out over clost unfaulliar sees and throu h per ther which zerol; favored long-range flights. The rituation we hade worse by a ramid detorior tion of the few heavy bomers ryallaule. Marge han are at hilons , ave adecuate shelter while the planes were on the field, but continuous rains, slippery 1 ndin - fields, and, worst of all, complete lack of share parts and rephir tools prevented anything like satisfactory maintenance. The duties of the fow trained mechanics were .t first increased by the



errival of new planes, particularly the La-30's about which little was 'move. Several of these electric carried a cargo of spare parts then they left the United States, but by the time they errived in J. v., why of the new marts had been used to replace those form out 6 ring the formying trie.¹⁷

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By 1 February, although the lack of spare parts continued to be a pressing problem, the arrival of additional personnel had brought some relief to the enhanced mechanics. On 15 January the ground echelon of two squadrons of the 7th Group, who had been erecting s-wole and a-pair in mustralit, sailed for Java. Moree days later Lt. J. J. have in an ID-50 and Lt. Den Furb in *a z-24.4* evacuated to officers and 59 calleted den from Del Conte, and, at about the same time, on generican field artibler, battelion, reaching Java with no automition, began to perfore the tasks of an air force service unit.¹³

Until 30 January the home base of all heavy boasers in Jove continued to be the Sin oscriterrield, near Lel ng. Northbacheen continuing, however, on another field near Joggabarta, 150 miles to the west, and with the indicent arrival of a part of the 7th Crown's round crews, it seemed a probabilous time to transfer that unit to the new base. Mean hile heavy borders were continuing to arrive over the ferre routes. By I Tebruary, 16 here 2-17.14 and 4 Lo-3014 hed recolled Java, three of the latter by the Pacific route. A marber of these are used by the 19th Group to replace 2-17D14 which were height sent back to Australia for denot overhoul. Seven of the new

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planes, however, were sent to Jojaharta where the first of the 7th Grown's culleted men had prived on 21 Janu ry.

The opening of the new base made possible a greater dispersion of the hervy bombers, but a principal Leult of Java sinfields continued to be their vulnerability to air attack. Although General Prett stated that every effort was being made to protect aircraft on the ground, he had little equiment to vore with. The circraft verning facilities and entiaircraft protection were even more inadecurte than that which had existed in the Philippines. There were no modern inticircreft our batteries, and many of the Dutch . utomatic versions had apparently never been tried out until the enery actually appeared for the first time. Here were no radar sets, and thus the FAF had to rely for " ming of the approach of chery planes upon a fairly efficient spotter system. This system centered in a control room at Soerabaja. A large number of ground observation stations, each represented on an operational may by an electric hight, were connected by telephone with the control room. then an observer spotted a forgation of directaft, he sent in its opproximate altitude and the number and ener. I type of plane in the formation. This information was filtered and checked against the known position of friendly planes. It us thus possible to trace the course of concoching energy increft. Fairly accurate instructions could be comminicated to the cirfields either by direct telephone or by redio.





herdowerters of energy forces off Kenderi. The butch, invediately beginning the depolition of oil refineries and other installations, sent their ancient (len. Eartin boubers based in southern Borneo a clust the energy ships, and Albaba, ordered attacks by American nevel and air forces.²⁰⁷

The nost successful American phase of the operation consisted of an attack by Feur Ada. W. A. Classford's destroyers. In addition to half a doson subtarines alreeds in Treasers Struit, admired Mert on 70 January sent 4 of 1 is destroyers supported by 7 ornisers twents the result superior Japanese force. The cruisers were able to give no help during the engage out since the <u>Handahend</u> developed engine trouble and the other, <u>oise</u>, ran on to an under strend root, but the destroyers performed edulately. Johnfused by duriness and the performance of their our destroyers, Journess shelling had no effect. The period hour-stations reced along the transports and while to rook and unfire split of least 5 shire, the count of a laten sum rine or stain placing the figure of 15.

Manualle American here, boshers were also striking at energy old volue, at videl; serviced points. From 22 January through 3 February, at least 16 missions exclusive of recontaissance flights, involving a word of 26 heavy policers, were carried out. Of these, however, a missions of 03 heavy boncers were not completed on account of unfeverable weather conditions, and other individual planes were forced to turn bac: before reaching the target owing to mechanical failures which more setisfactory maintenance service hight have



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prevented. The cervicing facilities available simply could not cope with verther and convet conditions in Java. Meanwhile attrition continued. On 72 Junuary in an o-plane lission a cinst ship in, off Suntra, one I-17 ups co-pletel, destroyed then it overshot the field at Fileman. Two Caye Later, & 5-1710 mania transport and whot down I energy circulat, but I 1-17's very diver ed. 62 au 1-chip lesion against calibration on 1% Junuary, only 5 returned to Lal my wifely, I overshot the luncing field, another was forced noun st manifer sain half shot up, " others lended "theels up" in the sud of deleves, and the elabth landed on a be ch hear Arospaja. J ve, there a cooken runnay had to be constructed to get the plane old the round. C. 97 Jawary 1 transport was such, and hits were scored on a cruiser arring a distion in which 5 out of a 17's repealed the target, out ") days 1. ter ... jor Robinson, 7th Grows Concarder, le ding is firth instion in a vectors shot down between When f is a character that is convision of $k = -17^{16}$ was attached by Bore that 60 J. anece Arsuits. Fobinson's plane was riddled, and no crev lenser the section will out before it created into the sec.

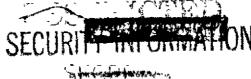
The J T mese educate continued. Ly "E J must they were already in control of multicorren and were never necessarial in sormes. Fortherm and existern deleves, uncluding leaders, were also in their hunds. The contains of Mondari resear perious would to the Allies, for it brought the energy damperously close not only to the pursuit formy route from herein, but to the principal Allied bother bases.



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In fact the Futch base at Faidjor self vie takes at the rate of the fact the fact base at Faidjor self vie takes of the fact that deviate take ets of informance were now within bonder right of the off of the Faidjan. The Fukly was ordered to fill another desired moints in boldge. The fact of the fact the fact the filler device of an led the flight consisting of three veteral crows to other with two from the 7th Group. Lord, on the maring of Construct, the five 3-17's left take not reached the target, the others new flows a total distance of over 0.500 flow and had conset to other show flow a total distance of over 0.500 flow and had conset two Jack news-held distance of over 0.500 flow and had conset two Jack news-held distance for the first of the bondership, on the first day, but oring to will distance the following day, they had have missed the target area. On the following day, they had have missed the target area.

Operations actingt Weight were of little value ercent as token missions in surport of the hard- reased writish. Pargets closer to interia n bases and to the heart of the Euch control in Jaw were obviously of here contocuence. This ions on 1-2 Pebruary all institute Balilebaum mess, for example, resulted in the sinking of formation worts. Lieuten at Dou herty, who had been shot both in an earlier mission, was credited with one of these during a hight operation performed by STB-Sole; the other was sum: of 7 \pm -17's curing a daplight attact. On the following day, so \pm -17's of the 7th Group led by A for Hobeen specific at numerous ships off Balicoup 1. This





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Elssion we less successful then those of the day before. Bombs were dropped, but low-lying clouds obscured the targets, and no results could be observed. Merinthile other troubles had beset the formation. The oxy en suball failed at one point in Lt. H. C. Habberetad's plane, and fie A. J. Love: died as a result. Amony current also vere attaching the 2-17's and hid woulded afe T. H. ood and Pfe J. Deliotu in Major Hobson's plane. An engine of enother D-17 substitute in five of the crew bailed out, but the willot, Lt. Theodore B. Symson succeeded in landing wheels up on Aroner Island.⁵¹

Mile b for Housen's flicht was thus convoled. Jeromese boobers and low-range flichters opened the convolute for Jew. with a series of envage strikes at Sperareja, fodioen, and Unburg. At Sin osciribud fir-raid. I resound of shorth, after MOD. Folf an hour latter one of increft were overhead. Fursuit places at dive boobers there up, a turesed the field, and boopers loosed their soub loads from 30, a turesed the field, and boopers loosed their soub loads from 30, but feet. The principal date of housers done by the strategers, which concentrated their fire of moders done by the strategers, which concentrated their fire of moders boobers standing on the field locaed with boobs. Two B-172's and two p-170's either exploded or burned to the ground. The same raiding formation also all down a play flying a test flicht loudles south of them, by English entire crew dair, in the crash. In the mentime, another i ponese formation had bit Spersonje, demoding Dutch naval installations are destroping to get in its path, what it down,



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and killed ive entire arev including the L. L. Stroubel who had succeeded to jor hobingon of 7th Group contanter.³⁰

In these first raids of importance r dinst Java, the aircraft winning system is been tried and found winting, at least for a mercuit squeeron unfamiliar with Datch procedure. Eventy to 55 inutes before the raid, the mericus milots at "yoro learned that encly diveraft ware approaching Seerebaja, some 40 miles away. By the time the P--D's hed clinked to 21,600 feet, the Jone had done their Carpe. Dovever, one flight of four American pursuits (Lieutenante Miser, Stauter, 1019, and Hennon) intercepted about 17 enough bonvers of the 33 series as they were heading out to sea. Elser and Struter soon had to turn each oving to a shortage of asolino; Elle and one ones at extreme range; but only Fennon was · ele to get near enough to shoot down a borner. Leanwhile another Lerie moursuit think had made controt with a strong force of chery "lon -ran e Severs' zighters and loros" south of Soerala. Lieutoants Cost and Rohad fl in a two-ship formation attacked six of the energy. Amountly these were serving as decoys, for other Junchese pursuits pounced upon the two incritions from above ad the rear, and although Coss destroyed one enery plane, Roland ves shot down and killed.

For the next b days after the disastrous operations of 5 Fearway, the Bouber Compand was cluost completely frustrated in corryin - out normal bombing operations. Missions were scheduled,



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but frequently already because porged form in the rul before they could taxi to the runays, and, at other tiles, mechanics vorining almost a 54-hour shift still could not but the pagines in satisfac-to, et off the round, their instructions were usually to remain in the clouds in order to wold a Japanese attack. Evo missions were storpted on 5 and 7 Febru ry, but in each case enemy pursuit intercented the 3-17's pefore they could reach their targets. Reinforce-Nonts still tricklod in from both the cast and the west. During the lirst user in Februry, 7 nore heavy bombers (rrived, 5 5-171's from the atlantic route and 2 La-Sola from the Pacific. Moreover, TO more officers and then of the 19th Group reached Jova after having been evacated in 2 LB-20's from Mindanso, and 4 other officers escaped by submarine from Correction. Every new arrival did bring some relief to contact and ground crevs, and permitted more work to be done on defense facilities of the sirfields. But only a few a chine runs were emplaced at Singosari for protection against air attach, and new revetments and dispersal facilities could offer little protection for bonders whless the Interceptor donume vere tole to provide mursuit defense against low-level strafing.³⁴

The outlook for an effective intercentor counand, however, wis becoming desperate. If 4 bebruing 50 per cent of the Dutch air force had been destroyed, and only 11 F-40's of the American pursuit squadron were operational. Further were, the J. manage were in a



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position to cut the route over which additional pursuit planes were to cove from Australia. On 1 Pebracry & large energy convoy had approached the strate, is island of Arboine. Attain 0 days the Japanese had impaired out the few Australian and Lutch planes that revained there, and overwhelled a battalian of Australians and "one of the best units of the Petherlands Dest Indies Army." Advana, with its important most bere of Arbon, use only 500 miles from Theor. a key point on the herry route. In white of Theor's importance, however, no unusual efforts had been under to defend it. The Lutch did not have troops to partice information to General Limit, the Australians were interested here in concentrating forces in Partin and Port Lorency than in solding them to the Indies, even to finar.³⁰¹

wett uss perticularly disturbed over an Australian etternt to divert Alarian 2-40's to Fort Abresby. Indeed 3.5t. William Lane, Jr., commuting officer of a recently or saised Aberia main unit, the 25th Pursuit Same rom (provisional), had actually received orders late in January instructing him to take 25 E-40's to tast lev Guiner base. At the last minute, however, the destination was obtained, and, on 4 Debru my, 13 millots, nost of whom had arrived in Australia during January as a cart of the 55th Pursuit Group, took off from a larvin field for Jave. The flight from Dervin to Sheer was difficult anonym for a short-range E-40 even under the best of conditions, but in this case Supers, who had been in the theater less





then a nonth, found the relates playing hide and seek with an orantorial thunder storm. May nevertheless reached Koepan, safely and as successfully fler's 5-0- ile les to ball, arriving at a Dutchheld simfield there on 5 February.²⁰

The Inich Merrison of Ball seemed to be fearful of Jonanese rttacks, sud Rotain Lone ordered his flight to get off the ground us coon as the planes were refueled. Seven F-40's (Willing Lane, Jr., Jesse E. E. ue, sinfred ". Bullionne, Larry D. Lendry, Sillies I. former, Pright S. Lucide, and Ich S. Irvin) had taken off and had reached an -ltitule of an architely 7,560 test then Gallienne costed amproximatel; 00 energy surstit planes circling overlead. it the time Lane had similar the others to a row their cumiliary incl thats, the mir securi full of energy dones. Meanwhile Cd Lts. Poul 3. Galvonini, Come I. Lound, and C. J. Per, on hod succeeded in jutting their seals oil the ground. All were is edicted on a cd. cound centro; ed one energy plane, but his own when to budly shot on that a periorates; he landed in a tree and conjust there with record by actives 40 minutes later. Turner, the shot down an chent bloue, on Per, an both crash-landed, "washin, out" their planes. but esconing the solver. Firly in the Aler, Lenory had found himcelf vitiont the support of other merican arguits. Furrowned by chart circreft. Is all no the room riddled, and he crafted into the set. In Johnson of occurication to a trick with vere . carbile thorow by possing and strain, the dirfield. Generatini



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the had taken off with only a vertially filled the true was forced to had in the ident of furcting boads. Als plane and several others also on the ground were destroyed. After shooting down an energy plane, have went into a steep dive, ownded the energy pursuits, and herded for Java. Although he had to clude another energy formation acfore salding at the had to clude about a point includey, down, and Gallienne who have succeeded in no club. Seerabaje. Within the drive other flights of F-40's had flown the ferry route with more success, and by . February the new arrivals and increased the number of $z=4^{+1}c$ in Java to 02^{-17}

of the Aperican pursuit where which but here is since 1 Pobrany, 1%, or allost help, but been destroyed on route to Jave. It was clear that no puture flights would be free from intercertion colong of the 7 shares could beep characteristical flambars, jess than (D) Alles from Liber. By the piret weet in Petrony, the Jammese were securely encoured there, but it was hoped that borbling states all he pire its allefed there, but it was hoped that borbling states is first atteach was acts. Similar the corning, sine D-17% of the 7th Group led by Deptain Duframe took off from Simpsoni. The target, Nonderi, when you be the borbline the limit of a L-17% operating radius. The watcher was typical, provides a close cover thich a watered inviting but which contained to much turbulence as to much porterion flying the contained to much turbulence as to much provides flying the contained to much turbulence as to much the rescale inviting but which contained to much turbulence as to much the provides flying the contained to much turbulence as to much the provide flying the contained to much turbulence as to much the provide flying the contained to much turbulence as to much the provide flying the contained to much turbulence as to much the provide flying the contained to much turbulence as to much the provide flying the contained to much turbulence as to much the provide flying the contained to much turbulence as to much the provide flying the contained to much turbulence as to much the provide flying the contained to much turbulence contained to be the provide flying turbulence contained to be provide flying turbu

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Lebin, coordinated effects from the front, they concentrated fire on Lurche's place. Intedictely a part was of flace burch from the bold bay. Six non very able to bail out, but energy minnes continued to fire on they as they floated toward the open water 14,1 0 feet below. A few inutes 1 for the plane exploded. Pufranete place is for then the tate of Gent. Roanld F. Strother who ... neuvered into the lead while bullets on shed into his plane. modile out one engine, is - in chother, burstin, a high-pressure ony ch bottle, and blowing but the hydroulie syntes. A ain the pursuits turned and obtained a position to achie another frontal attack. Sals time the plane piloted by it. filling J. Prichard, the had errived from the states 3 days before, was hit. It burst into flues one employed before in the one can had been able to buil out. Three other planes were also buil, duraged. Emplosive bullets rip ed into the badd bay tent in Grpt. Joseph J. Frecton's plane, but Sit. Levis De Slaone rushad from the radio room to kich the build ince from its shadles and thus seved the whone. No one was coriously injured in this neur-disaster, out in lieutenant Hopperstad's crew Pic Howr D. Bilyeu was hilled. . . chine-com bullets riddled the tail section of another 3-1, piloted by 2d Lt. Faul M. Lindsey, the s nerconter to the Savi area. Two men succeeded in keeping the whene on the even teel with it reponed cloud cover. But then, or u ht by cir currents and bottoring gales, it be on to spin. The co-pilot, asvigator, and tail gamer balled out, but Lindse; with the rie of S.t. Junes 1. Moushing brought the plane out of its spin at 4,000 feet, and without any nevigation gius flew it ones to Singoscri,

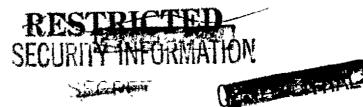
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According to the returning flyers, this use the best-executed energiettack yet encountered in Java. Since the attack took place below an altitude of 20,000 flost, the pursuits had hid the advantage, and the speedy and highly consurrable Japanese planes had been able to choose their angle of opproach allost at will. The top turnets had been unable to come with head-on attacks, and the SCcolliber making jum in the nose of the B-178 had insufficient range, although it had shot down two Japanese planes in the day's engagement. Three others were shot down by converging fire from top turnets, side gainst planes synople; up from below to cour employee bullets into vulnerable born bay tanks.⁴⁰

Defects both on Lond and in the air continued to confine Allie6 hovements within smaller and smaller press. It was orimarily Juarness air superiority which restricted the ABDA fleet alreat entirely to might operations. On 4 Pebruary, for example, energy aireraft drove back an Allied nevel thrust of 4 cruisers and 7 destroyers in Macassar Straits and scribusly data red the <u>Marblahand</u> and <u>Houston</u>. Regular air attacks areinst Java and Sumatre, further one, continued to whitle down Datah and British air strength. Admiral Hart learned that by 10 Februar: "mearly all of the 100 new Durricanes" which the British had brown into the ABDA area had been "used up." Chiled the Javanese vero advancing at so many points that no affective opposition was possible with limited Allied air resources.



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It idd-Febru my the enery held wintually all strategic press in . orneo and del bes, the, were slowly climit that a coursepons Australian arrison at Albon, and the increased terms of air raids on Fale-Dang worned of an early have a sinst Supatra. The Jacks struct on 14 February when approximately 100 planes flow in over the Falenban wares and dropped so to 700 paraduse troops armed with light portars and submachine gams. A Datch force of two battalions vas sufficient to thurst this attempt to solve the cirrield, but on the following day, they had time only to destroy the oil refinerles before energy troops, landed from some 40 transports, had overrun both the tour and the airfield.⁴¹

The situation, combinated by missrable weather, untrustworthy natives, and near confunctions, because more and more confused. Netween 5 and 10 Pebrury, for example, admired hart lost track of the ASDA air confund, and discovered haven that it had moved without notice from Leubena to Dandoeng. Such a lock of coordination can be explained in mart by the indecuate communications facilities available. Indeed, the televione network had become so undependable that in certain instances conversitions hiterally had to be carried on in fouble talk as it was known that all viros were tanged. For the flyers theoreflyes, however, the weather continued to be the tost interation feature. Between 9 and 15 February, exclusive of reconnelssance, formy, and courser flights, planes of the 7th and 19th Groups pools off on 15 dissions involving 70 p-1715 and o Lig-30's.



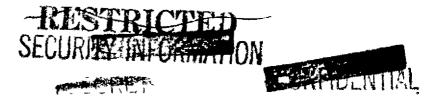
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Of these operations, 10 missions of 51 planes were forced to turn unch before they had reached the target owing to storus or immenetrable fogs and clouds. 42

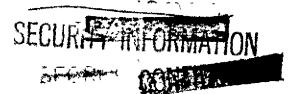
of the planes which actually reached the target area, few could clair only real success. On 10 February, 3 La-60's too's off to body in aircraft currier remorted of, southern Gelebes. Two ploner boubed the target, but results were uncertain. Two days later, 11 -- 17's bonded a number of energy ships in the vicinity of Leasser. ... yin results were uncertain, but one flight of three plones "belleved they hit a boot." Might 5-17's on 14 February sonroled on orea near the island of Landler, but the convey which Lad been reported there could not be found. On the following day, however, five 3-17's did find wrny shins of ralendang. Solding iro. S., G. foet, they scored one wit on an auxiliary vessel and enother on a cruiser. This success was notched on 16 February when 6 3-1714 flew at an altitude of 3,000 feet beceath story clouds to come chippin in the "Emjoearin Hiver," Automatic weepon fire from below ripped into the planes, but comes were dro ped scoring hite on ? traisports and ? barges; while fragments from their own bonds hit the low-plyin 3-17's. 25

The failure of the heavy conders to break up Japanese landings 11/11/11/htod a critical alturation which had obtained since enery air attacks when Java had become a daily occurrence. The releatless prescende of these air rolds brought avreals from Ceneral Brott for



more reinforce onur. Indeed by the first work in Tebrusy the American contend realized in this inticircraft, incraft wormin; equiphent, and pursuit minner did not arrive soon, Java would become untensible for he wy bosters, and it was considered necessary to make minne to neet this contineency. Colonel Brady was dispetched to make a complete survey of facilities, surplies, and munitions in Burke, and General survey of facilities, surplies, and munitions in Burke, and General survey of facilities and Burke could be developed into moverful onset, brett, Brereton, and Brady believed what they dight still be in a position to cut off the extended energy lines of counderties.

A principal variants in Jove's defenses continued to be the hadron a sufficient number of pursit alreads. Athout pursuits to protect air bases, the few heavy powers, which continued to be formed over the Athontic and Pacific routes, how to spend a large part of their the in alging from one field to another in order to avoid energy air roids. Indeed on several occasions the forder formed ordered to heavies to fly up and down the forder 5, 6, and even 7 hours, some flyers wondered why they could not have contride body one attended to drop them on a target. A substitut to caliform n, it ups felt, note have taken to have fuel and would have had for more tangent, which have taken to have fuel and would have had for more tangent, which takes then a construct. The scale would be and the product then a construction for the caliform n, it ups felt, note have taken to have fuel and would have had for more tangents than a construction. The scale able A order normality, still handlespeed by incleasing an intempose



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In thilde and been consuminations, were the selves out in frequent introls and late wheelintercentions. On 10 Decrory only 15 out of forw-alls in Java were in conclusion. For a days these planes and corried out matrol flights over the Sperabaja area and had gone on dissions which, in several cases, resulted in the interception of triendly planes owing to moult, infor a tion which had come over the varming network. The only devual contrast with an energy formation occurred on 9 February then five places (Coss, Williams, Jackson, device the variant of the shot down one of a "return formation" of 16 energy bothers north of Coerabaje.⁴⁵

Who dryw ofter this on $r_{\rm envil}$, the errival of the more $P_{\rm envil}$ swelled theric the nursult strength to 50 alones. Although this was a considerable reinforce but, it is stable represented the errival of only 30 acrosses of the errival which had beft Dervin 3 days before. The authorities in Lemin Lab caledaded two flights to beave from the only of the order the errival of 1 L3-50, i h-0010, and to A-2010, the latter bein the first test to consist of the solution to be prepared for contast. Feaving, i with in the latter bein the first of the off the solution of the oth, the other power for contast. Feaving, i with in the latter bein the first of the off the solution of the other that contast. Feaving, i with in the latter for contast. Feaving, i with the latter bein of the A-2010, and the other, and the other contast of the A-2010, unable clottly offer the test off the latter bein of the A-2010, unable to see a lith the Latter-off and turned back, and the A-2010, unable to see a lith the Latter-off and turned back, and the A-2010, unable to see a lith the Latter-off and turned back, and the for the for the off of the other the the latter the the Latter, now escorting only the elast the filled the off the order of the other the the latter the latter the the latter the latter the the latter the latter the off the other the the latter the latter



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Level. The 2-21's left to feed for themselves, could not find subsule fields, and, running out of ges, were all lost in crash handings. Heanthild the three A-20's, still flying stondily toward Timor, succeeded in reaching Koepang owing to the skill of one of the milots, Gept. Mound N. Bachus, a veteran flyer with 7 years previous experience in connercial wir lines. As the shall flight club in to the dirfield, Australian antichmentic gumers opened up on the unfaither a-2's, seriously down educetus' plane, and punctured another in sever 1 places. On the following day, has us himped on to Java, but the other two returned to Darwin. Jeather that day seened to favor flying; so another flight of mine x-20's took off i're if and the successed in reaching Germonic on the lith vitaout when $\frac{40}{20}$

The new places were intended to be incomposited into the 17th Fursuit Sourcean and where under the Intersector Contend. The survivors of the 19th Sourcean also joined the 17th Equation, and destain have beened lajor Correque's executive officer. As a unit the squalron was well organized, but relations with adjust echelons were still not clear. Do mlade coordination had not seen achieved between squadron herdermatters and the later interceptor control or adjustion, for example, although two lutch officers and a lutch radio Jotail were attached to the same from up to distate proper li door. Songue had and from the state its to better the situation, and a lice of increft contains and commissions equipants we can



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Districte mich watter personal rolationships 20076 Lot improve. In attent to increase the efficient of the Interestor Jontrol organization, to ever, was used by placing and. A. F. Tisher in course on 10 lebra ro²⁷

At this time, the 17th Southon was presering for its first ajor offensive distion. A flith of x-40's was to carry out a to Win and similar, disade on Jac mess ship ing and sireraft now sein, concentrated in the 2.17 may area. 4. 1.1 Febru ry tingly orran exate ica been male at Fihr leadematters in Landoeng, such picht planes (Jeptains Does and Luone; , Lioutements Loballus, diser, Trunel, Denses, Hennon, and Incider) had shown to be discen, 75 dies wort of Sommulain, for their bout lose. After seing loaded with four 30-tilogram bo by, the planes departed for Henryle, 595 wiles aurther to the vest. Here they were joined by 12 for Sprague, and on 17 Fourward clift F-O's (Suchley Lad cree red as in longing at Enteria, took off for a Mt-alle hop serves the Java Sea to relevant. One we ther was flyprable for this mission, but before the P-401c has reached the target, six Jermose 37-type purguit planes inverse, too the everican ilight one broke it up. Spraue, alsor, . Jollu., one Kruzel each shot down on energy plone, but only those, diver, and house found their way through to the target area and completed dive-bonning and str fing attacks. No A erican planes were lost, and by 1. Febru ry all had savely returned to wheir spec at Lors.

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the compation of virtually every strategic point on Sumatra by the Jornese to ether with their simultanous advance toward J vn from the east meant that hear tive tragets were now within rune of Aperican pursults and dive boobers. The Palenhan, discion, although it has probably not upped any Impeness plan of action, had deconstrated the possibilities of low-level stadt. Unfortinately, the unit best entired to carry out such figitions, the 77th Group, which had left the United States over a nonths before with 3? $\lambda - \gamma$ is, when not get ready to place all its places in conjust. One soundron, bowever, the blat, the ready, and on 17 Jebruary, the und fiber Show in most we have a prived in Java with one a-24, 11 others bended our over We Finter Sea from E. ruin. An LB-10 /mided then to loeven, there on the following by they divided into llights and headed for J valover different routes, one flight going by my of Lell rad the other vi. Uningnoe, seenba. At Waingapoe one A-3. cracked up, but by the late afternoon the other 10 planes het arrived it a new sirdrone bein built at lodjoherto, Jeva, corroring tel; 100 miles vest of film, ""

The mirfield was being constructed where there for erly had been only rice fields. Some 1.700 natives commanded by two butch officers had hald a base of profession matthey over the so; ; fields and had covered this with a 4-ind, layer of cirt. Maxim, conditions on the once were placent, for the Putch morphe in the error opened when howes to the mericans. Lot since they have left the United



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States had they enjoyed such " out waths, and wood, out whitey, rood bels." Included with these lummues was news of corver courses the here been left behind in the axilio iner. One of the first perrons to rest then at "odjokerto une" t. Olemood Ste hearon of the 13th Sourceon, "7th Group. He reported that "Jolonel Vance, . ill Jaunite, Manfee, Pete Lender, aud Cla Port Stefford, " all of the "7th from, had been evacated from furon by suc maine, and were performing a number of duties throughout the air command in Java. Storhenson Muself "and seen hobe bin with the Javanese princess and butch army of -thest and was in a position to do the particent tob in othing thing come." Le was not cole, however, to provide guificient angliched rechanics, al only bo vere realhole. For the next 4 dours, therefore, wildte and unners yorked on the whenes from form to limith. If the A-"4"s which had reached Java, one was considerated for the reader of others, and a second was lost when it 1 nded in Soer-lega bey, but on 19 Jobruary, seven arrived at 'alon and wore incorporated into the T Bassar Don and.

The A-2.15 : rrived at a time then the Jernmese were on the source. The endedted lowe at wainst J we from the cost bod be unthe problems and jurgality were conducting numerous air success over the island of wall and over J we itself, and on 10 February a strong one y force handing on 1-11 speedbly overwhelmed the pirfield. The J = mean mids of the lath occurred before Sprate's flight of $<math>F-4t^{*}$ had raths as from the Felerman dission, but the relation of the roundron, hed by it, instanted H. Shanton, intercepted one



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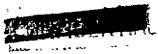


of the energy success carried out by mine to bers escorted by tursuits. It nton, theore, filture, and invit each show down a bomber, and methic destroyed a tursuit plane. In the englament one r-40 was lost, but its billet, it. formis 6. Geldwell, parachuted safel; to the ground. ⁶¹

The first Allied strike a minst Johnness shipping off the island of hold was carried out by the Borber Sommand. During the forming of 10 February the 7th and 19th Groups carried out six strikes involving 17 B-17's on 5 LB-by's from holds and 12 disentile latter minfield then being used extensionly by the 7th fromp. Bruidens and destroyers three up a heavy screen of untheircraft fire, and enable unsuits attached so mercidently that only of its heavy borbers fought their up; through to borb the targets. Sheir runs were carried out at altitudes from 5,000 to 23, 00 feet. B-17's at 1,0 0 and at 14,000 feet scored lits on two armisers unlie borbs from ed from 77,00 and 53,000 feet arm yea two destroyers. Two enemy surpuits were shot down, and alt merican borbers returned to back, although the LB-Cole were ordin that merican borbers returned to back, although the LB-Cole were ordin that from pursuit attack. ⁵²

Terminile at the very the very sources, such which we try out its five borders on energy shipping, was having shad les and adapters for Dutch bords adjusted on the planes. Up noon, hours were loaded on five $A-P^{-1}$ s which were in revetwents and on two others which were out in the open. Three-quarters of an hour later, which were counded. Sum ers and Galucha, the pilots of the two exposed $A-P^{-1}s$.





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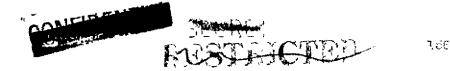
were ordered to bet their planes off the field, and so with their summers, T/S.t. K. A. Hartman and Pvt. D. S. Madazy, they took off. At this roint, scorring to the sourdrow history, "Galasha called to Survers and caked, "Shall we to over solions and see what we can see?" Survers "moving full well what Galasha was thilling about . . . replied, "You're the ven with a wife and kid, let's co."" the two flyers carafully flow between two layers of cloud and thus escaved being intercented by energipetrols. Arriving, over Boli at 11,500 foet, they spotted several Javanese ships and went into a dive, Galashy setting his make-shift slipts on a transport and Survers on " ordiser. At 5,000 feet, they released the boxbs. Direct hits were scored by ED-cilogram works on both ships, but the one 505kilogram conforwhich each carried seemed to fall short. Apparently, however, these bounded a clast the ships valer valer, and FBY's reported theore have how the ships valer valer, and FBY's reported theore have her the transport and cruiser had been suit."

In the same day, 1. Fourwar, the Johnsee had struct at Java both from the east and the wost. In the wort, 60 energy pursuits record over Subtenzory directore early in the norming, destroying O transmort planes and a materiling or written hudsons on the ground. Inter Bendoean was hit by emother formation of 50 planes. Butch pursuits took off to intercept, five were shot down, and two B-17's just arrived from the United States were mestroped on the ground. Inter a unsuite had dore success a first off, oness for them of bother escented by pursuits over the modely the same right.

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which has sent Sallers and Fallels on their disalor. Two flights of the 17th Searcon broke up the boundary formation while two other "If ate intercepted the pursuit escort. Fone of the bothers was shot down in a curious engagement which ensued, but Lane, Mahoney, Lruzel, and Matte esca destroyed a dero pursuit plane. Three 2-40's were lost. M. waard A. Fields was silled, but Gilmore whiled out of his plane successfully, and Blanton encaped in a cresh landing. ⁵⁴

Japanese air attechs were residly minding down the Allied air Forces and relycing their striking potential. The extensive raids on Jave of 19 February Led certastrated that no allied base in the Totherlands I at Indica could not be considered safe from energy ottach. On the era day, Lacuin, vitel can by point for all operations in the Indies was attached and its subly denots and doo's Incilities virtually destroyed. Like the destructive raids during the first days of the Hilloviae canning, Johanese success at Lardin could be explained by a combination of elever energy thetics, Allied umpres redness, and just shain but luce. The fir bound st lebourne and chosen 19 Febru ry as the ap for a new arsult unit, the 556 Fursult Searcrop (Frovisional), to set out for Jove. At 0300 mine P- I's contraded of lat. Flore Fell vool of 100 Darwin. Sefere reaching liner, lowever, they can into such lierce storms that they vere forced to burn buch. Then the arrived over an illied or se acor homan, bell ordered a mart of his all ht to petrol the cirfield. Several of the planes reveined at 15.0 - fort, therefore, and the

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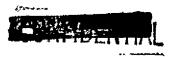
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At this point, a brief working were received of Jepenese sin crift production where Islaw, some 50 dies even. Before other dotable could be second-lack, to over, the midd increased was joured. Pell, intediated, ordering entropes takes releved from the 2-40's, led the lints the air. At approximately 1040, a wave of energy dimensity consisting of over 70 type-17 dive and hedder. bolders, protected by cone 10 current with the symposized in the distakes is soon were there and the entry of type-17 dive and herbor, the sindromes, and conduct contraction threads for provided herbor, the sindromes, and conduct contraction threads the source of 54 type-17 contars. The only opposition which the allies could throw a which this overwall in force of nearly 160 energy since of twore 1, for rely spatientically for 2-40's. One after another they were shown. Bats. John G. Glover, Hax R. Wheeles, Robert P. Lataboa, Durt H. Fice, and

illion F. Wilter Liller out of riddled planes and reached the cround safely. But 2d Lts. Charles W. Nugles, Juck P. Peres, and Elton S. Perry were billed, and Pell Lincolf, after making a number of suicidal ettacks, also lost his life. Chip 2d Lt. Robert G. Ostreicher succorded in Dringing in a suitet-sunctured 1-40 to a hors 1 haddry.¹⁰

The deficitive crushing. In the only event from 5 to 10 energy incr for even shot Cont, not - but core for increteriences a erican bilots. Let in eduction to the 9 P-401 Centroped in the air, the illies lost o duckous, a second, and 1 fo-51 on the ground. Furtherhere Fault feculities and the markin civil advance were hadly hit,





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the old many rodestroted. When more have the creeted in the arbor. Here a price sairs, do treasport <u>the</u>, the erdsatand Muni Lor, and the destroyer Berry, to other with three or four other Allica saids very sual, and a core very wall damaged. Some and erroued into therver, jettles, and doc'rs, filling the infor with desrip and rendering it under she for ming conthe to cons. The city itself the allost in a somic. Not unic tions to other areas had been disrusted, bound had crossed to regime, and fires in man sections could not be extinguished. The visitionade of this one Costructive reld, however, is more that on be way ested by a more list of this c Controyed. For any other sin he event, it instand the fail of J ve. I cinforce and from the Leifle vere effectively out of , and, yosenial; of even we ber i worthnee, it preserved mustrillis with a tirest of it effects in gion. Preserve tioners were to at once taken by Australian authorities. formin the order dow rhighly excepted, he convies of ardrones Is soriously constructed by Australian and Larican engineers at 100- ile intervale inlend ino - famin vere ordered destroyed. The s this tic, the fer of an investor of Americalia the deservining A ctor in Australias policy, and it unlow teally hastened a decision, clrady under consider tion, to sitherau all a erican wir elements from their precerious position in Jova. 57

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Chapter VII THE EVACUATION OF JAVA

The destructive Japanese raid against Darvin on 19 February clearly pointed to the possibility that the Allied forces might be cut off in Java. The American command in the ABDA area had been aware of this danger for several weeks and had Deen laying plans to avoid such a catastrophe by evacuating their units. In principle, General Wavell concurred with the opinions of his American colleagues on the future of the ABDA command even though he intended to continue the defense of Java with all forces available. He believed that the Dutch would continue to resist as long as there was any possibility of success, that an Allied evacuation would have a corroding effect on Dutch morale, and that both Australia and Burna should be built up as bases for future operations. To him the strengthening of Burna was of particular importance since an Allied operation there might help to relieve enemy pressure on Java.¹

General Brett's views differed only slightly from those expressed by General Wavell. He also favored the continued defense of Java, but he believed that any further efforts there were doomed to failure. From 18 to 20 February he had made a thorough aerial reconnaissance of Java. He returned to Bandoeng convinced that the long, ragged coast line with many strategic points virtually SECURATION

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undefended could not be held against amphibious tactics which the Japanese had already tested many times. Moreover he did not have complete faith in the Dutch will to resist. He considered their military and naval forces "courageous and loyal," but in view of the efforts being made by Japanese pronagandists, he did not trust the native troops, and he feared that the civil authorities might be willing to compromise in order to save their island. With Navell's views on Burma and Australia, however, the three ranking American officers, Brett, Brereton, and Brady, were in almost complete agreement. Brett had first recommended, on 29 January, to the War Department the creation of a Burma force. In warning that precious time had already been lost he radioed on 18 February: "From this point, it seems clear that the one chance to overcome the odds stacked against us is to build up a rapid striking offensive through Burma and China toward Japan, at the same time building up as the slow but progressive pressure force our bases in Australia."2

Brett did not wait for War Department authorization before preparing for the evacuation of American units from Java. One of the first moves in this direction was Colonel Brady's mission to India during the first week of February. Brady reported that by 20 February American heavy bombers would be able to use Akyab as an operating base and other fields in the vicinity of Toungoo and Hagwe as advance bases. Moreover he stated that the British had guaranteed to furnish pursuit and antiaircraft defense for these bases, and that there was already in Burma a sufficient supply of





bombs and ammunition for 4 days of operations by a heavy bomber squadron. This report encouraged Brett to consider a diversion to India of the B-17's and LB-30's bound for Java by way of the Atlantic route.³

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The Mar Department agreed, in part at least, with Brett's plan for future operations. In view of successes in Burma scored by the Japanese in early February, however, an attempt to establish an American air force there would have been extremely hazardous. It is not surprising, therefore, that the Combined Chiefs of Staff following a directive from the President approved the establishment of an American air force initially to be located in the Bombay-Karachi-Calcutta area rather than in Burma. A part of the aircraft for the new force was to be drawn from those originally allocated to Australia. All heavy bombers, being ferried to the Far Hast via the African route, for example, were to be held at Bangalore, while at least 80 pursuit planes were to be transferred directly from Australia. Furthermore, General Brett was requested to advise the Mar Department whether another 80 pursuits allocated to India should be sent from those already in, or en route to, Australia or directly from the United States.4

With this relatively specific statement on allocations to India. clarity of thinking on Far Eastern policy at this time seems to have ended. In the first place, General Brett was now apparently devoting attention to plans for the Indian theater almost to the exclusion of Australia. On his own initiative, he directed Brereton to proceed

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to India, and the latter departed on 22 February. Moreover by 20 February, Brett had decided to "send the mass of all troops" and a total of 160 pursuit planes to India since he considered the equipment still remaining or expected in Australia sufficient to meet "present needs." This conclusion was expressed to the War Department 2 days after the Japanese air victory at Darwin of 19 February and a month after the Japanese had overwhelmed Australian garrisons in New Britain and New Ireland in such force that a further move toward the south was clearly indicated. Brett himself intended to go to Australia only "for temporary duty," and after completing "urgent work" there, he planned to proceed to India.⁵

The British views, which had apparently crystalized since the fall of Singapore, conflicted somewhat with those of Brett. After that defeat, Burma had been transferred from the ABDA command to that of India, and Great Britain had thus lost her immediate interest in the Allied command. She naturally favored the building up of the India theater, and recommended a rather general division of the Far East into a Facific area under American control and an Indian Ocean area under British control. Wavell himself informed the Combined Chiefs of Staff that he favored a dissolution of ABDACOM rather than its transfer elsewhere. He argued that the "local defense of Java" could be better exercised under the original Dutch organization, and that a dissolution of the command "would be much less damaging to public morale in Java than withdrawal of the headquarters elsewhere: "Although Brett was in basic agreement as to

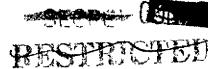




the importance of the India-Eurma theater, he opposed the establishment of another command in which American officers would be subordinate to their Allies. He bluntly informed the Mar Department that "previous and present difficulties" had convinced him that in any organization of a new theater of operations, "American control must be insisted upon from the beginning."⁶

American policy on the future of ABDACON meanwhile was not too clear. It actually boiled down to an apparent determination to defend the Netherlands East Indies as long as possible, but at the same time to defend them from some point other than Java. The situation was somewhat similar to that of 2 months before when the 14 B-17's based in Australia were supposed to defend the Philippine Islands 1,500 to 2,000 miles away. The Dutch were opposed to attempting the same strategy with respect to Java. Lt. Gov. H. F. Van Hook expressed this view forcefully to General Marshall on 22 February. Le asserted that to abandon the ABLA area would irreparably damage the white man's prestige in Asia and would make a defeat by the Japanese much more costly by giving them access to bauxite, nickel, and other strategic materiels; and that the ABDA command, in spite of a slow start, could work well if its recommendations about supply could be followed up by speedy action. "For Gods sake take the strong and active decisions," he concluded, "and don't stop sending materials /and/ men pending deliberations as time factor/s/ more pressing than ever. "7





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This appeal had little effect upon Allied policy. Wavell was directed to dissolve ABDAGOM, and Brett, in spite of his desire to go to India, was ordered to assume command of American forces in Australia. Officially Allied policy as explained to Lt. Gov. Van Nook was that ABDAGOM had been dissolved because "the territory involved in the battle is almost exclusively NEM and it was considered necessary that direction and control be placed in Dutch hands." Van Nook was assured, however, that American land, sea, and air forces would continue to give full support to the Dutch, and that Brett in Australia was taking personal charge of "U. S. troops seeking opportunity to enter the ABDA battle."⁸

Although official policy had been stated, a number of points still remained to be clarified. One question involved Erereton's relationship with the new Indian command. On 21 February, Col. C. V. Haynes was informed that he had been selected to command a heavy bombardment group in India. At that time, however, it was not clear whose command he would come under. It was known that Brett had ordered General Brereton to proceed to India, but General Arnold was uncertain enough as to Brereton's movements to instruct Haynes to report to General Stilwell, in the event that Brereton was not in India. Another question involved the status of the Fhilippines following the dissolution of AS-ACON. Officially that area had been a part of the AEDA area. With the changed status of its command, therefore, Elecarthur would find himself technically under a Eutch commander. The former was assured, however, that

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because of his special situation, he would continue to conduct operations as before. Nore pressing was a need to determine the role of Australia in Pacific strategy. On this subject, Brett was cautioned to proceed slowly. He was told specifically that he should be governed by an American policy to aid the Dutch in the Indies. Nevertheless the War Department was aware of the threat to Australia and had decided to protect the sea lanes to that point by garrisoning New Caledonia with infantry and antialreraft and to send additional troops, at least one infantry division, to Australia. So far as air operations were concerned, Australia held a secondary priority, and it was stated that "circumstances" would determine "the extent and nature" of future American air operations in the Southwest Pacific.⁹

ABDAGOL was dissolved as of noon 25 February, and the Dutch immediately assumed full authority over the area. General Wavell upon his departure from Java left British officers in charge of all British forces still remaining, and Brett and Brereton, both of whom had left by the 25th, had provided for the eventual evacuation of all American units. Unarmed troops and surplus air force personnel were ordered to leave by boat and transport plane as soon as possible, but there was still a need for Dutch liaison officers among Allied forces. The American air force, moreover, now under the direction of Colonel Eubank, remained to carry out the last attacks on Japanese forces, which now had overrun almost every strategic point in the Ectherlands East Indies except those in Java.¹⁰

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The energy lending at Bali, which was fairly well secured by 20 February, was of particular interest to those who were charged with hampering a Japanese invasion of Java. No more P-40's could be ferried from Darwin so long as the energy held a secure foothold on Bali, and consequently it was clear that every effort should be made to discourage the energy there. Following unsuccessful attempts by the Bomber Command on 16 and 19 February, the Allied navy carried out a cruiser and destroyer assault during the night of the 19th and 20th. Naval authorities classed this action as "successful" although one Dutch destroyer was suck and there were no confirmed energy losses. Three or four hours after the Allied naval forces had withdrawn, the Bomber Command resumed the attack with 7th and 19th Group heavies performing three strikes which seriously damaged a cruiser and probably sank a transport. All aircraft involved, 10 B-17's and 3 LB-30's, returned to their bases.¹¹

The heavy bombers which carried out these attacks dropped their bombs from an altitude of more than 15,000 feet. More successful was a dive-bombing attack performed by the A-24's of the 91st Squadron. This mission was particularly noteworthy in that it was the first in which American bombers were escorted by pursuit planes in the Java area. At 0614, 16 P-40's led by Major Sprague took off from Mgoro and headed for Singosari. A half hour later 7 A-24's, each loaded with 1 x 300- and 2 x 50-kilogram bombs, had joined the P-40's. Major Backus, with Ferguson and Launder as wingmen, led one flight: Galusha led the other with Tubb and Hambaugh on the





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flanks; and Summers brought up the rear. Arriving over the Strait of Lombok at 12,000 feet, they spotted six naval vessels, and each A-24 went into a dive, releasing bombs at from 2,000 to 4,000 feet. Eackus scored three hits amidships on a cruiser; Galusha and Hambaugh scored hits with each of their 50-kilogram and near misses with the 300-kilogram bombs. Summers, who was at first undecided as to his target, "fiddled around and dived on one of the biggest ships he claimed he'd ever seen," scoring two hits.¹²

Meanwhile enemy pursuits had swarmed off Den Pasar airfield to attack the American dive bombers and pursuits. They eventually succeeded in breaking up the pursuit formation, but the F-40's prevented an enemy attack upon the A-24's. In a furious encounter, 3 Zeros were destroyed in the air and another on the ground. Five F-40's were lost, 1 cracked up on landing at Ngoro,2 others crashed on a beach owing to a lack of fuel, and 2 were shot down with their pilots, Gallienne, originally of the 20th Pursuit Squadron (Provisional), and Sprague, able squadron commander, who had just that day received a promotion to lieutenant colonel.¹³

Five of the seven A-24's returned safely to Singosari. Heavy antiaircraft fire over the target area was probably responsible for the loss of the other two. One of these failed to come out of its dive and carried Lt. D. B. Tubb and his gunner to their death. Lt. R. E. Launder's plane was so badly damaged that he was forced to crash-hand approximately 8 miles from a Japanese outpost. After 2 days of walking he and his gunner, Sgt. Irving W. Lnenicka

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succeeded in reaching a fisherman's village in northwest Bali. The Lutch inhabitants and natives were friendly and hospitable, giving them bread, coconut juice, bananas, tea, an occasional bottle of warm beer, and even bicycles to speed them on their way. Finally they acquired an outrigger cance, and with the help of two natives paddled for 13 hours across the strait to Java. By the late evening of 23 February, they had returned to Singosari.¹⁴

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The Japanese lost no time in striking back after the American raids of 20 February. Five hours after the A-24's had landed, nine pursuits appeared over Singosari. Interceptor Control Headquarters had identified them as friendly, so normal routine was continuing on the field. A-24's were in revetments, but a number of B-17's were in the open, ready to take off in case of an alert. Many of the crews were occupied, as was that of Lt. John A. Rouse, in unloading B-17's. Within 5 minutes of the sighting of the soequipment from called friendly pursuits, Rouse heard the "pop, pop, pop sound of exploding cannon shells." The friendly planes were Japs. They had turned in the clouds, cut out their motors, and glided in for an attack. Rouse and his crew jumped out of their B-17 and piled into a nearby slit trench, one of the men just escaping from the radio compartment as "a stream of bullets came down through the center" of it. Three B-17's were burned to the ground, and two others were oadly damaged.

Following this air raid on Singosari, the heavy bombers of Colonel Buban's command were fighting what amounted to a rear-guard



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action. Energy air raids occurred daily, and more Allied planes were destroyed. On 32 Tebruary, for example, 1 LE-30 was burned to the ground at Jogjahurta and four B-17D's at Pasirian. Moreover planus still officially in consission continued to suffer from a had's of spare parts and inadequate maintenance. These difficulties, together with the rains and fogs of February, crused the complete failure of 11 missions curried out from 31 to 33 February by a total of 51 heavy bombers. Furing this same period only five missions of 17 heavies did reach the target. One on 33 February imodeed out a number of grounded aircraft and a heavar at Den . as a sirport on Unit; another " days later "definitely same" two transports at increases; and a third can's one transport and dwared another off the north exact of Java on 33 February 10

The 17th Furnit Soudron (is onjoid in a futile attempt to protect Allied bases. Superior forces of energy bombers and pursuits frequently flying at 30,000 feet, too high for battered 2-40's, continued their daily associate. Hevertheless tired American pilote maintained absort a constant patrol. On 21 February although four energy pursuits were destroyed and two bombers probably destroyed. Its. Seorge U. Hyner and Gallace J. Hosing were shot down and Milled. In the next four days, three more energy bombers and three fighters were destroyed, but on 25 February Lt. Gorald McGallues, acting squadron concender, use forced to bail out of his plane and was a chine-gunned to death as he parachuted to the ground. At the end of the operations of 25 February, only 10 2-40's were in counterion. Sim Brewster Buffaloes and C Hurricanes, flown by Butch pilots, had joined the

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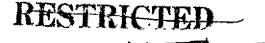
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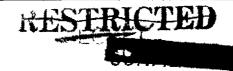
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Americans, but these lacked amounition and hydraulic fluid and could 17 not be flown until 1 March.

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At the request of the Dutch, one last attempt was made to reinforce the battered Interceptor Command. General Brett had at first intended to send all available P-40's to the Indian theater. This was still his intention when a convoy, containing 52 P-40's assembled on the flight deck of the scaplane tender Langley and 27 crated in the hold of the Seawitch left the harbor at Freuentle, Australia, on 22 February. Shortly after sailing, the Longley's commander received orders to leave the convoy and proceed to Tjilatjap, Java. According to Brett, he had acquiesced in this change of orders only after Admiral Helfrich had given assurances that the Langley would be "suitably and properly protected." The Seawitch received similar orders, but left the convoy considerably later than the Langley. Early in the norning of 27 February, the two American destroyers Edsall and whipple met the Langley to serve as an escort. At 0900, an enemy aircraft spotted the 3 ships and within 3 hours, 9 twin-engine bombers escorted by pursuit planes had begun an attack. On the third bombing run, the Langley "shuddered under the impact of five direct hits and three near hits." and sank at a point approximately 74 miles south of its destination. All the precious P-40's, of course, were lost, but of the personnel only 6 were killed and 5 misting. The survivors were picked up by the Edsall and <u>Mipple</u> and transferred on 1 Earch to the tanker <u>Pecos</u>. The Pecos then headed for Fremantle carrying a total of approximately 670 men.





It had no more than started, however, when enemy planes appeared overhead and carried out a series of bombing attacks. In the middle of the afternoon, after a furious battle in which every weapon available was fired at the enemy, the <u>Pecos</u> also went down. The <u>Whivele</u> had received distress signals but arrived on the scene in time to pick up no more than 220 survivors.¹⁸

It is doubtful if the arrival of the 32 P-40's aboard the <u>Langler</u> would have retarded the Japanese advance. The fate of these planes would probably have been the same as those aboard the Seawitch which did arrive at Tjilatjap safely, but which was little more than unloaded before the Japanese arrived. By 27 February, Java was an island belcaguered by air and sea. Eneny amphibious forces were assembling to the northwest and the northeast, the last apparently for a main effort. On 25 February, a reconnaissance plane had reported that approximately 80 ships were moving south through Macassar Strait. Early in the morning of the 27th, the V Bomber Command learned of a formation of 11 ships off the north coast of Java, and was told to carry out attacks with "all available heavy bombers and dive bombers." Shortly thereafter the order was countermanded because "it was believed" the ships sighted were friendly. Three B-17's in two flights, however, had already reached the target area and had dropped bombs. Fortunately, if the ships were friendly, the bombing was not particularly accurate. Hore successful was an effort of the 91st Squadron made in the middle of the afternoon. At that time three A-24's escorted by two flights of P-40's struck at Japanese



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shipping off the north coast of Java. The dive-bomber pilots (Galusha, Summers, and Ferguson), releasing their bombs from an altitude of from 3,000 to 4,000 feet, scored hits, and the pursuit escort reported that these were sufficient to sink one transport.²⁰

These operations, although carried out by courageous pilots and with all available bombers, were insignificant when compared with those of the powerful Japanese task forces now converging on Java. Only the Allied naval forces remained to offer any effective resistance, and these forces had been weakened by losses and damage in recent action and by transfer of several British units to the Indian Ocean area. Nevertheless on 26 February, Admiral Helfrich ordered a determined assault, and that evening a striking force, consisting of the Dutch light cruisers De Ruyter and Java, the American heavy cruiser Houston, the British heavy cruiser Ereter, the Australian light cruiser Perth, the Dutch destroyers Kortenaer and <u>Litte de With</u>, the British destroyers Jupiter, <u>Alcotra</u>, and <u>Uncounter</u>, and the American four-stackers J. D. Edwards, Alden, Ford. Pope, and Paul Jones, moved out of Soerabaja naval base. This force of 5 cruisers and 10 destroyers threwitself against a convoy consisting of "39 to 45 transports, escorted by 2 or 3 cruisers and 8 to 12 destroyers" and a covering force of 2 battleships (or large cruisers), from 4 to 7 cruisers, and 13 destroyers.²¹

In the late afternoon of 27 February, the battle was joined. For almost 24 hours it continued with shell fire and torpedo attack carried out in part during a night illuminated by star shells and



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by flares dropped from Japanese planes. Two or three Japanese crulsers and at least an equal number of destroyers were hit and several probably sunk. But the Allied force suffered a crushing defeat. It was not able to reach the Japanese transports. The De Ruyter, Java, Kortenaer, Electra, and Jupiter were sunk. The remainder of the ships were not only damaged, several seriously, but their amounition reserve was badly depleted. Of the five American destroyers, for example, all but the <u>Pope</u> had exhausted their supply of torpedoes.²²

In spite of this defeat, Admiral Helfrich still planned to attempt another strike and ordered the remnants of his fleet to assemble at Tjilatjap. The <u>Exeter</u> accompanied by the <u>Encounter</u> and the <u>Pope</u> set out for that point on the evening of 28 February. They never reached their destination. The last report from them received at 1200 on 1 Earch stated simply that three enemy cruisers were approaching. The <u>Houston</u>, <u>Porth</u>, and <u>Evertsen</u> in like manner simply disappeared after a rather vague report of a sea battle in the Java Sea. Of the Allied ships which had fought the previous days' decisive battle, only four American destroyers, <u>Alden</u>, <u>Ford</u>, <u>Paul</u> Jones, and J. D. Edwards succeeded in fighting their way out of the East Indies.²³

Reamwhile the air force was completing its evacuation. On 23 February, five officers (Bridges, Fagan, Schwanbeck, Pease, and Rouse) had been sent to Broome, Australia, to organize an evacuation center



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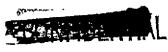
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for Java refugees. Broome proved to be a mosquito-infested and The Australian inhabitants had taken to the almost deserted town. bush to escape Japanese raids, and its large prevar Japanese population had been interned. Fortunately the town, although completely isolated except for sea and air transport, had fairly adequate housing and mess facilities. By 25 February flying boats, DC-3's and other transport planes, together with B-17's, LB-30's, and two or three transport B-24's had begun to bring in evacuees. In Java everything that would fly was being loaded with men, women, and children. One 3-17, for example, which had been classed as irreparable was put in flying condition by T/Sgt. Harry McRayes and several Dutch mechanics. With McRayes as co-pilot and a civilian who had never before flown a B-17 as a pilot the plane made a successful night flight on three engines to Australia. Boats of every variety also aided in the evacuation and escaped with an unknown number of Americans, Australians, and Dutch. 24

The need for speed was becoming more and more evident. By the night of 28 Februrry, the Japanese had landed at two points on the north Java coast. On the following day, the last mission of importance from Java bases was carried out by the 17th Squadron, reinforced by Brewsters and Hurricanes, against one of the enemy landings. At 0530 all available pursuits, 9 P-40's, 6 Hurricanes, and 4 Brewsters headed toward the north Java shore where about 30 transports were anchored, and materiel and troops were still being ut ashore in small craft. Guns from the ships and the shore



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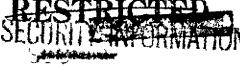


The B-17's and LB-50's proceeded to what was supposed to be the

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safety of Broome. That town had become a haven for most of those who had escaped. The danger of air attack, however, existed even there, and transport pilots were straining their endurance by ferrying one batch of refugees after another further down the Australian coast to Perth. During the night of 2 March, a Japanese reconnaissance plane made a leisurely survey of the completely defenseless Broome. Ecclizing that this probably indicated an early enemy attack, American officers warned all flying boats and other aircraft to leave the town before 1000 of 3 Larch. During the morning the airfield was crowded with men loading planes; crews were preparing others for the take-off; two Dutch flying boats loaded with Dutch evacuees had landed on the water; and others were waiting to leave Perth. At 1000 a crowded E-24 transport piloted by Lt. Edson E. Rester cleared the field. It had clinbed to 300 or 400 feet when 9 to 13 Japanese sursuit planes swept in over the harbor. Hachinegun bullets punctured the gas tanks of the helpless 3-24. Ιt crashed into the sea, breaking in two and throwing its more than 20 passengers into the water. All except one enlisted man were droumed or devoured by sharks. The Japanese turned their guns on the airfield and the harbor. The personnel on the airfield ran for cover in the low scrub bush near-by, and watched every plane on the field either explode or burn to the ground. Those in the flying boats in the harbor could not run for cover. The Japanese riddled

these planes, most of which were packed with women and children.



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batteries put up a heavy screen of antiaircraft fire, but all the pursuits dived through a crisscross of bullets. They sank a number of small boats and strafed the shore batteries. The AA took its toll. Caldwell crashed into the sea; Reagan was last seen vainly attempting to land his blazing P-40, and Adkins was forced to bail out. Of the three, only the latter escaped after landing some 300 yards from a Japanese position.²⁵

By 3 liarch the evacuation was virtually completed. The pursuits which had returned from their low-level mission on the first had been so badly shot up that there was little hope of being able to repair them. On the same day, the Japanese prevented any attempt to put the planes into the air again, by sending two Zeros over to strafe the field which had hitherto escaped attack. Every American plane was effectively riddled by accurate Jupanese machine gunners. Thus ended the operations of the 17th Pursuit Squadron (Provisional). Its surviving personnel made their way to Jogjaharta, the last base in Java remaining to the Allies, and by 1730 that evening had been loaded into B-17's and sent to Broome. Twenty-four hours later, 260 officers and men were still awaiting evacuation. Five 3-17's and 3 LE-30's were available and by loading 35 persons in each LE-30 and 31 in each B-17 all could be evacuated. Just before midnight the last plane had taken off. The Japs were 18 riles away, and the Lutch were waiting for the plane to leave before exploding demolition charges.²⁶





The only opposition to the low-flying Jap aircraft came from a .30caliber machine gun which a Dutch pilot had removed from a plane. With this make-shift weapon, one plane was probably shot down. The enemy at the same time had destroyed 12 flying boats, 2 B-17's, 2 B-24's, 2 Hudsons, and had killed at least 45 Tutch civilians and 20 American airmen.²⁷

Thus ended the Java campaign in a terrible raid quite characteristic of the Allied 2-month fight against impossible odds. Actually the Dutch ground forces continued resistance for an indefinite period, although all communications with these troops ceased within Some Americans were lost with them. Many members of the a week. field artillery battalion who had performed the unfamiliar task of servicing heavy bombers, for example, could not be evacuated. The Japanose victory in Java had effectively split the Allied forces in the Far East. It had cut off the trickle of reinforcements over the African ferry route, and even an American attempt to establish a new route from Africa to Australia via Coetivy Island, Diego Garcia Island, and the Cocos Islands had to be abandoned. After 1 Harch Australia, for the time being at least, became virtually a sevarate theater. The Japanese were converging on it from the northeast and the northwest. Already they were hammering at northern Australia and New Guinea from the air. Mithin a few days they would land at Lae and Salamoua. In the vast area north of New Guinea and between the Solomon Islands and China, only in the Philippines did organized Allied resistance continue,







Chapter VIII A GALLANT DEFEAT

By the first of March 1942, Jepanese militery and naval power had accomplished one of its primary objectives, the conquest of the rich resources of the Metherlands East Indies. They had done this by throwing overwhelming forces against strategic points according to a carefully conceived plan. They had moved forward by leaps of approximately 400 miles, preceded first by submarine and flying boat reconnaissance, by "light density" air raids with type-96 "heavy" bombers from nearest land bases usually without pursuit escort, and finally by heavier bombing raids escorted by carrier or shore-based pursuit planes. The immediate objective of the landing parties was to seize an airdrome upon which to base pursuits. Within a week, however, through the use of native labor the Japs usually had repaired and extended the pursuit strips to such an extent that they could be used by heavy bombers.¹

These tactics closely resembled those later employed by American (a phibious forces in operations of the Central and Southwest Pacific. When Admiral Mimitz and General Macarthur began their conquests of strategic points in a move back to the Philippines and toward Japan and the China coast, they by-passed numerous enemy strongholds with the intention of permitting the garrisons to wither and die fur behind the forward areas. MacArthur was the victim of a similar



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type of campaign in the first quarter of 1942. His air force had been defeated in the first day of the war and within 2 weeks forced to evacuate forward bases. His principal land forces had been contained by a naval and air blockade and by the Japanese ground troops. Then the tide of war had swept by him, isolating his troops, leaving then victims of malnutrition, disease, and constant air and land attacks.

When the Far East headquarters had been evacuated to Australia late in December, it had been hoped that supplies from there would flow to the forces in the Philippines. Furthermore the decision to send American units to the Netherlands East Indies had been made in part to protect air and sea lanes to the north. The Japanese conquest of Davao on 20 December followed by enemy movement south through Celebes and Borneo soon disrupted any such plans. Attempts were made to obtain blockade runners, a request even being made of Generalissimo Chiang Hal-shek to furnish small boats to run from the China coast to Luzon. Little success was achieved. Small ship owners in the Indies and New Guinea who were urged to make the perilous run to the Philippines demanded cash in payment rather than checks on American funds in Melbourne banks. This resulted in delay. Seven ships were finally dispatched from Australia; only three rached Cebu. 0fother vessels which attempted to slip through the blockade, at least 15 were either sunk or captured. Submarines made several successful runs, and bombers ferried in some medical supplies and arrunition and evacuated personnel from Mindanao. But during the entire period from 7 December 1917 This thereas of Corregidor

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only 3 aircraft (P-40's), which reached the Philippines in March, augmented the few pursuit planes left in the Interceptor Command.²

The Interceptor Command had become for all practical purposes the entire air force in the Philippines. After General Brereton's departure on 24 December 1941, Col. Harold H. George, the V Interceptor commander and promoted to brigadier general on 30 January 1942, had in fact become the commander of all air force personnel. By this time, the relationship of the air force in the Philippines to that in the East Indies was obviously vague since each was carrying on its operations according to the exigencies of the moment. On paper, the situation became even more confused following a recommendation by General Brett in January that the Far East Air Force should be redesignated the Fifth Air Force. By 2 February General Arnold had concurred in this recommendation, and 3 days later the adjutant general officially authorized such a change. This did not affect air units in Java, however, as the adjutant general's authorization had stated that the redesignation did not change "the present assignment of units." At that time, the FEAF was still officially assigned to the Philippine Islands, and the redesignation apparently did not apply to the units in Java or to those in Australia. Furthermore those in the Philippines either did not know about the change, or did not give official attention to it. The new organization, therefore, existed only on paper until 3 September 1942, when the Fifth Air Force was actually constituted and Maj. Gen. George C. Kenney put in command.





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This paper reorganization accomplished in Mashington meant little to the Luzon forces which by 1 January had retreated to Bataan. What probably interested the air force personnel most was whether they would be assigned to infantry units or retained by the Interceptor Command to fly the dozen or more remaining P-40's. From the middle of January, elements of all squadrons, armed with Bren Gun Carriers, tonny guns, and machine guns, participated in ground fighting. Pilots led ground crews against enemy beach positions or spearheaded an infantry advance. The dwindling number of P-40's were also active until the end. They were constantly in the air serving eyes for lacarthur in performing reconnelssance missions, occasionally patrolling the forward areas, strafing Japanese transport, communications centers, and landing barges. During the night of 26-27 January, for example, 7 P-40's strafed Nichols and Nielson fields and peppered grounded planes with fragmentation bombs. One P-40 crashed on the take-off, but intelligence reports indicated that over 30 enemy aircraft were destroyed on the ground, and that other damage and heavy casualties had been inflicted upon the enemy. On 2 March, four P-40's performed what General Arnold called "the rabbit and hat trick of a famous magician." These P-40's had been equipped with an attachment which would hold a 500-pound bomb, designed and mounted by 10 Jack E. Bay and a number of enlisted men of the 17th Scuadron. Led by Capt. Milliam E. Dyess, the four pilots dropped the bombs with precision. Although one P-40 was shot down, and the other three were forced to crash-land, 2 and



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possibly 3 ships of 8,000, 10,000, and 12,000 tons were sunk and othersmall boats damaged.⁴

As the Bataan campaign continued, the American troops, air and ground alike, became more and more aware that they were virtually cut off from escape. From the beginning they had been on half rations, with two meals a day. During February, for example, members of the 21st and 34th Squadrons who were being used as infantry received about 10 ounces of rice a day per person, and about twice a week. "the organization got a quarter of a horse or mule." Gradually malnutrition, dysentery, and malarla wore down the troops and became more of a weakening factor than enery attacks. The Japanese blockade was growing tighter, and only speedy, small boats could slip through it. Consequently a few aircraft which were useless for combat were cherished for transport purposes. P-40's performed an occasional mission carrying medical supplies between Mindanao and Batgan. dropping them to an isolated company, or carrying passengers crowded into the baggage compartment. Two navy PBY's also performed similar missions, but most of the inter-island transportation was carried out by what was referred to as the "Bamboo Fleet." A motley collection of unarmed craft, it consisted of three civil aircraft, "a Duck, a Balanca, and a Fairchild," together with two Beechcraft, a Waco, and two decrepit P-35's. Until these aircraft were destroyed they continued to shuttle between Hindanao and Bataan or Corregidor, carrying in medical supplies and returning with personnel. The Waco was shot down and all its passene near Del Monte; the

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Duck was forced down and destroyed by enemy action as were the P-35's; and by the time Bataan fell all but the Bellanca had either worn out or had been dispatched to Australia. The Bellanca, flown by Maj. William R. Bradford, made its last flight carrying quinine to Corregidor. It reached its destination successfully but crashed in attempting a take-off from "the Rock's" small landing field.⁵

By the first week in January, General MacArthur had not yet foreseen that his troops would be dependent upon such unreliable means of obtaining vital supplies. He had believed that strong American forces could be established in Hindanao, that supplies could be pushed through the blockade in ships, and that bombardment missions from the south could eliminate enemy air strength in lindanao. As one step in preparation for this counterblow, he issued a general order early in January directing that airfields be built throughout the entire Philippine islands "with all haste." an energency program was therefore begun under the supervision of Major Fernando of the Philippine Army and Major Elsmore of the Air Base Group. Air base personnel were scattered throughout the archipelago to request the cooperation of local native leaders and to supervise actual construction work. By 1 Larch, there were at least 7 all-weather landing fields good for all types of aircraft on Mindanao, 3 on Cebu, 1 on Panay, 1 on Bohol, and 4 on Negros. At the same time there were 9 fields on Mindanao, 2 on Negros, 1 on Panay, and 1 on Leyte suitable for pursuit aircraft only, and numerous others which were recommended for use only in dry weather or in case of emergency.6 KIIN **MARKAGE IN**

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Probably the most extensive construction work was accomplished on Mindanao. Major Elemore subsequently listed 42 fields as having been completed between the opening of hostilities and 1 April 1942. Connected with Del Lonte alone there were 8 fields, one of which had its operations headquarters in a tunnel driven 65 feet into an adjacent mountain side. Another Del Monte field had a 3,000-foot runway leading directly into a tunnel approximately 40 feet wide and 100 feet deep in which 5 P-40's could be parked. Sub-bases commanded by air officers had also been constructed at strategic points on the island, at Malabang in the west, Maramag and Valencia in the central part, and Anatin in the northeast. In addition a sea plane base was established at Lake Lanao shortly after war broke out, from which PEY's operated carrying in supplies and evacuating nurses and other personnel almost until the surrender of Corregidor.⁷

MacArthur's desire to build up sufficient forces for a counterattack could not succeed. He was apparently unaware of the weakness of American air and naval forces in the Pacific. He had requested two or three squadrons of pursuits from General Wavell late in January, and he was surprised to learn that at that time there were only 16 P-40's in the AEDA area. By the first week of February he still had some hopes of bringing aircraft near to the Philippines on a carrier. On the other hand, if it were impossible to provide a carrior, he suggested that either A-24's with auxiliary fuel tanks attached or two or three squadrons of P-39's and A-20's "which have





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the range" should be flown in from the south. Other messages to the War Department reflected a varying optimism on the prospect of continuing to hold the Philippines. On 13 January, encouraged by the effect of accurate American artillery fire, he stated that "there is every indication that for the present I have drawn the fange of the enemy attach." Ten days later, however, he was discouraged over heavy losses which had amounted to approximately 35 per cent of his entire force. At this time he radioed: "I wish to take this opportunity while the army still exists and I am in command to pay my tribute to the magnificent service it has rendered. No troops have ever done so much with so little. I bequeath to you the charge that their fame and glory be clearly recorded by their countrymen. In case of my death I recommend that my chief of staff General Sutherland be designated as my successor." Yet a month later, he believed that the enemy had been "badly nauled"on Bataan, and he readiced: Π may have gained the respite I so desperately need."

Thatever MacArthur's hopes might have been for the outcome of the Fhilippine campaign, the Tar Department had decided by February 1943 that he should be withdrawn to Australia. To evacuate EacArthur and his staff, General Brett was instructed to choose the three best B-17's under his control. Brett selected the aircraft crews from a new unit which had recently arrived in the theater, soon to be redesignated as the 435th Bombardment Squadron of the 19th Group. Crews of this unit, although they had been in Australia only since 19 February, had already experienced many combat missions. They had



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flown 168 missions out of Hawaii during a period of 2 months, 12 missions from the Fijis in 12 days, and had participated both in the first American bombing raid against Rabaul on 23 February and on 10 March in a successful raid coordinated with two aircraft carrier groups against Japanese naval forces at Lae and Salamaua.

General Eachrthur and his party after a hazardous trip of over 600 miles in a FT boat had arrived at Mindanao during the second week in Earch. By the 17th he had reached the Australian coast. Three 3-17's had flown the unfamiliar trip of some 1,500 miles to Del Honte, had paused there only long enough to unload a cargo of medical supplies and to take on their passengers, and favored by excellent weather had made the return flight without mishap. HacArthur's arrival in Australia indicated that a new phase of the war in the Far East had begun. His instructions from the War Department contained the familiar phrases of checking the enemy's advances along the Malay Barrier and of maintaining the American position in the Fhilippines, but it was daily becoming clearer that these were missions to be accomplished in the relatively distant future. The immediate aims were to hold Australia and to protect the sea and air lines of communication to the Southwest Pacific.⁹

Although some aerial activity continued during March and April in the Philippines, the efforts of organized air units in the Southwest Pacific during those months were devoted to the defense of Australia.¹⁰ It can be said, therefore, that with the evacuation





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of General MacArthur and General George organized air action in the Philippine and Netherlands East Indies campaigns had ended.

The first four months of the war in the Pacific were a tragic experience, tragic not only for those who actually fought in the caupaigns but also for the American people who had indulged in the pious hope that by limiting armaments, a nation could avoid war. This feeling had been reflected in the failure to maintain modern defenses in the rhilippine Islands. Not until 1941 was a serious program of modernizing that outpost begun. Prior to then, a few professional soldiers had recognized its importance in American Far Eastern policy, but not until legislation such as the extension of the Selective Service Act had been accepted in the soring and summer of 1941 could an adequate Bhilippine defense program be undertaken. Even then commitments to America's prospective Allies and to defense areas in the Western Hemisphere resulted in further delays. By the fall of 1941, however, some modern equipment including bombers and pursuit planes had begun to flow to the Fhilippines. This coincided with a change in basic war plans which had previously envisaged an entry into the European war upon the side of the Allies and the maintenance of a "strategic defensive" in the Pacific. With the growing emphasis on air power, however, the plan was revised to permit offensive air action in furtherance of the strategic defensive.



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This growing realization of the importance of the Far East was reflected in a change in the direction of allocations. Requests for additional military supplies and personnel came with more urgency from the Philippine Department in 1941, particularly after General LacArthur's appointment to the American command. He requested especially more aircraft, more aircraft warning equipment, and more antiaircraft guns. The War Department responded by giving his command the highest priority in aircraft and commenced a program of ferrying heavy bombers and of shipping pursuits as fast as they came off the production lines and could be prepared for shipment. War Department policy with regard to aircraft warning facilities is not so clear. EacArthur had urgently requested the equipment. General Spaatz had supported such a request but had complained that all radar sets were being sent to the coast artillery, and urged that the air forces acquire some of this vital equipment. The net result was that on 7 December one primitive radar set was in operation in the entire Philippine Archipelago. Antiaircraft defenses proved to be equally unsatisfactory. Haj. Gen. J. A. Green had reported on 5 November that the A1 in the Philippines was inadequate. Two weeks later the Var Department had decided to send MacArthur 50 per cent of the 3-inch guns and 100 per cent of the searchlights which he had previously requested. On 27 November, the latter stated that additional antiaircraft was needed and announced that he had prepared a detailed plan for its use. This indicates a realization of the need for more antiaircraft guns, and yet on 7 December there

were 3-inch and 37-mm. guns still in crates in the Philippine Il Ordnance Depot.

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The inadequacy of antiaircraft defense and aircraft warning facilities suggests negligence on the part of officials either in the Mar Department or in the Philippines. In several other respects, too, there were flaws in the defenses which it is difficult to explain. For example, there does not seen to have been complete cooperation between USAFFE and the Far Eastern Fleet. Admiral Eart has asserted that efforts on his part to arrange for joint operations of Army and Navy aircraft "met with a decided rebuff" from Army authorities. B-17's had been in the area since September and Patwing 10 for nearly that long, and yet the joint patrol was not established until 7 days before the outbreak of war. At the same time, it is difficult to find a completely satisfactory explanation for the limited number of air bases. General MacArthur had requested and received over ten million dollars specifically for airfield construction. On 7 December, however, there were only two heavy bombardment bases and half a dozen others suitable for pursuits. There is evidence that an enemy attac': was not expected until Larch or April, and that the program of airfield construction was influenced by this assumption. Such a belief would partially exclain why construction of runways before the war took several months while the same type of work after the outbreak of war could be accomplished in 12 as many weeks.



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It is difficult to believe, however, that General Macarthur was not aware of the innincut danger of Japanese attack. Japanese official utterances had been growing more belligerent. Dy December the Mar Department had warned of the probability of an early attack; the air force had been alerted for a month; and Javanese planes had been reconnoitering the Manila area for several days. Furthermore USATI had learned of the attack on Pearl Harbor approximately 5 hours before the first bombs were dropped on Fhilippine soil. In spite of this warning, almost half the combat aircraft strength in Luzon was destroyed on the first day of the war. This was not the fault of the Far Hast Air Force. It was the result of a combination of fifth-column activity, excellent Japanese tactics, inadequate antiaircraft and aircraft warning equipment, and inexperience of some of the American pilots. Those B-17's which had not been dispatched for safety to Del Lonte were either kept in the air or dispersed on Clark Field, and pursuit squadrons covered strategic points on southern Luzon. The Japanese selected a moment to strike when the aircraft warning system had broken down, probably through the efforts of fifth columnists, when the E-17's had returned to base. when the American pursuits in the air were almost out of gas, and when those on the ground were not yet refueled. Antiaircraft kept eneny bombers fairly high, but did not prevent Jap pursuits from sweeping in and riddling grounded planes whether dispersed or not.

Two questions concerning this attack, however, cannot as yet be satisfactorily ensuered. In the first place, why did General





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MacArthur fail to consider the Japanese attack on Fearl Harbor justification for an attack by the B-17's on Formosa? If the mission planned by General Brereton had been carried out, the B-17's would not have been on the ground when the enemy strafed Clark Field. Secondly, what is the explanation for an almost complete failure of American counterintelligence in the Philippines? Fadio sets located in some cases on American bases were sending information to the enemy: flares were lighted when American aircraft took off; and flimsy houses were even fired to illuminate targets for Japanese bonbers overhead.

Even if certain conditions in the Philippines merit some criticism, there is no doubt that the American forces fought with courage and generally with good effect. Fursuit pilots flew their planes, many of which were inferior, against overwhelming formations of enemy bombers and pursuits. They continued to fly them knowing that there was little chance for replacement, and when little chance for escape remained. They even objected to the order which directed that remaining planes should be preserved for reconnaissance, asserting that the "hunting" was just getting good. In spite of the early restriction on combat flying, they destroyed between 100 and 120 enemy aircraft. Handicopped by vulnerable bases and by the early loss of half their strength, the Bomber Command played a less important part in the Philippine campaign. Nevertheless its crews flew planes thousands of miles, used primitive fields, and dropped bombs on targets usually guarded both by enticircraft and by pursuit planes.



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These bonbing attacks, however, were only moderately successfuly. During the month of December, the 19th Group carried out at least 13 bonbing missions using a total of 39 B-17's. It dropped 43.3 tons of bombs, probably sank 1 transport, damaged 2 others and a battleship, and hit the docks and airport at Davao on 2 different missions. During these attacks 1 enemy pursuit was shot down and 6 others probably destroyed. Fourteen of the original 35 B-17's escaped from the Philippinos. Seventeen or 18 had been destroyed on the ground during the early Japanese air raids and 3 later oy enemy action.

The evacuation of the heavy bonbers from the Ehilippines together with that of FEAF headquarters was considered only a temporary withdrawal, for it was believed that a reservoir of supplies could be built up in Australia from which Allied forces would be in a position to launch a counterattach. With that plan in mind, USAFIA was established. It was soon discovered, however, that there had been a complete misconception as to the immediate possibilities of effective American operations from Australia. The principal obstacle was one of geography, the distance of Australia from the United States and the distances separating the Australian ports from the combat areas. But other factors were of almost equal importance. The primitive transportation, communications, and maintenance facilities, the lack of an adequate labor surply, the continuation of a peactime method of loading convoys, and the failure to send items necessary for the operations of aircraft explain why the USAFIA did not succeed in pro-



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The growing realization that the Philippines could not be reinforced together with the beginning of a Japanese advance into the East Indies changed the direction of American operations. The defense of the Indies was of interest to the British, Australians. and Dutch as well as to the Americans. A unified command was an obvious necessity to coordinate the land, sea, and air forces of these four countries. The AFDA command, as established at the conference between Churchill and Roosevelt in December 1941 and January 1942, provided the framework for cooperative effort. It was a rather cumbersome organization, however, and required weeks of conferences and spade work before it could begin to assume any responsibility for operations. Furthermore, the functions of several key officers in the theater were never completely understood either by themselves or by higher authority outside of the theater. Actually this confusion in organization probably had little effect upon the operations of American aircraft in the East Indies. The rapid Japanese advance prevented ABDACON's being effectively tested. With only very general supervision from the higher echelons, American pursuits and bombers carried out missions as directed by their innediate commander. The APDA command was significant principally in the precedent it established for cooperative effort by the United Tations.

Other problems which confronted American air units in the ABDA area were far more bothersome than the statue of the high command. The lack of depot facilities and spare parts resulted in a rapid



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deterioration of combat planes. The small number of trained maintenance personnel (who worked from 16 to 20 hours a day) made even the most elementary servicing difficult, and doubled the tasks of combat crevs. Airfields, though numerous and satisfactory for dry weather, were generally of sod and dangerous after heavy rains. Furthermore, the fields were almost completely undefended. Modern aircraft warning equipment was non-existent, and only a few machine guns defended the American air bases. Owing to the lack of proper sircraft varning facilities and ground defenses, a tremendous burden was imposed upon the Interceptor Conmand. American pursuit had the responsibility of defending much of the island of Java against enemy bombing attack. To perform this mission, there were rarely more than 20 P-40's in commission. Of at least 120 pursuit aircraft which set out from Australia during January and February, no more than 40 reached their destination in Java. Thirty-two were lost when the Lengler was suck; 27 others which had arrived at Tjilatjap on the Seawitch were probably destroyed to prevent the Japs from capturing then; and the remainder either crashed or were lost in combat at some time during the flight from Earvin to Java fields. Those that arrived always fought with heavy odds against them. Levertheless they shot down at least 38 enemy planes while at the same time losing 14 aircraft and 9 pilots of their own. The losses in the flights from Darvin to Java and in combat were caused principally by the numerical superiority of the enemy forces which they faced, but a contributing factor was the inexperience of many of the American

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pilots. The short period of training given after their arrival in Australia from the United States in many cases proved insufficient, particularly for those who had never been in a pursuit plane before leaving the United States.¹⁵

Bombardment units faced many of the same problems which confronted the pursuits. The Bomber Command was also responsible for an extensive area including the Philippines, Celebes, Borneo, Java. Sumatra, and Malaya. To cover this tremendous expanse of island and ocean, there were extremely limited resources available. On 1 January 10 3-17's had flown to Java from Australia. During the next two months at least 37 additional B-17's and 12 LB-30's had joined the V Bomber Command, but rarely were there more than 15 of these heavy bombers in commission at one time. Such a force would have had difficulty in halting even a medium-sized convoy, but Japanese strategy was to strike simultaneously at several points in overwhelming strength. The Allied command in several cases was injudicious enough to bite at the Japanese bait by dispersing its bomber strikes. At a time when the principal enemy thrust toward Java was aimed through the Strait of Lacassar, for example, all the veteran bother crews were diverted to carry out raids against the Malayan Peninsula 1,500 miles away. Exclusive of these distant objectives, targets were plentiful. A combination of unfavorable weather conditions, mechanical feilure of sircraft, and Japanese antiaircraft and pursuit defenses, however, caused the failure of a majority of the combat missions. Following is a compilation of



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missions performed by heavy bombers during the months of January and February. It does not include reconnaissance missions or the numerous flights in which heavy bombers merely took off and flew around for hours to avoid enemy attack:

lissions	62	
Bonbers participating	2 99	
Bonbers which did not reach target	130	
Bombers shot downlost in combat	6	
Bombers destroyed on the ground	26	
Bombers lost in accidents	5	
snewy aircraft shot down	23	
Ships claimed sunh	1	destroyer
-	10	transports
	2	"ships"
Ships claimed probably such	1	-
Hits claimed on	1	battleship
	4	cruisers
	l	destroyer
	5	transports
	1	auxiliary
	3	"ships"

These figures must be used with caution. They are taken from the diary of the V Boxber Counand, and the record of ships such particularly is open to question. But even if the figures are accepted, the number of ships such is extremely small in relation to the number that the energy was throwing into its southern advance. Moreover, there was little realization of the importance of the weather in bombing operations. Forty per cent of the heavy bombers dispatched on bombing missions during January and February did not reach the target. This failure was caused to some extent by mechanical difficulties, but principally by the inspility of flyers without meteorological information and experience in the theater to cope with the weather.¹⁶



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The need to provide neteorological facilities for air force commands was only one of many lessons learned in the tragic months of combat in the Philippines and the Netherlands East Indies. Perhaps the outstanding lesson for a nation on the defensive was learned during the original Japanese attack on Clark Field: that aircraft on the ground, particularly heavy bombers, are dooned unless strong antiaircraft defenses are available. The importance of camouflage if cleverly executed, of revolments as a defense against horizontal attack, and of during diffields and during planes was clearly denonstrated. Jone of these, however, proved to be sufficient protection against strafing in the absence of aircraft warning, of antiaircraft defense, and of a strong interceptor command. Japanese low-level attacks by pursuit planes not only had been destructive, but provided protective escort for the bombers which usually accompanied them. It was clear, too, that American crews had suffered from a lack of preparation for the type of operations necessary in a Pacific theater. Pursuit pilots inadequately trained in the United States had to have transition training in the combat theater. This had been costly in aircraft, both lost and damaged, at a time when every plane, was precious. In the bomber units, the bombardiers suffered most from lack of training, for they had neither the bombs nor the opportunity to practice after arriving in the theater. Furthermore it was found that an indoctrination course for the combat units was needed, one that would include a study of the lessons learned from operational use of American equipment and from the tactics of enemy planes, of the geography and weather of the area, and of the communications and SEGENTIATION

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aircraft warning systems which would be found in the theater.17

Of particular importance for future operations were recommendations for improvements of materiel made by those who had participated in the early campaigns. It was soon discovered that the E-17E was superior to the LB-30 in combat. The latter plane could not fly satisfactorily above 20,000 feet and was so vulnerable to pursuit attack at that altitude that it had to be restricted almost entirely to night operations. The B-17 too had its faults. Its flying range had proved disappointing, and missions had been limited to 1,500 miles. Its armament had been unsatisfactory in several respects: the transparent nose panels would not withstand the shoch of a long burst of machine-gun fire; the .30-caliber machine gun in the nose was inadequate; the side gunners needed armor plate; the bottom Sperry turret was "almost useless"; and there were an insufficient number of tracers in belted .50-caliber amounition. Its oxygen system too had been somewhat faulty: the side gunners, equipped only with bottles, were at a disadvantage without oxygen outlets: and chec': valves were needed throughout the system since one broken line put the entire system out of commission. Of several other faults, perhaps of most importance was the lack of self-sealing bomb-bay fuel tanks. Serious as these criticisms were, the crews generally praised their plane. With less than adequate maintenance, it had flown thousands of miles, had been riddled with enemy machine gun and cannon fire, and had come back to base. Probably few would have denied the antness of a Tokyo broadcast which described the E-17E as a "four engine pursuit ship, used for all purposes."18 LIST KICTEN

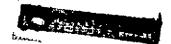
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The A-34 seems to have been more effective than the 3-17 in its attacks on shipping. So far as the Java campaign is concerned, this can be no more than a tentative conclusion since the dive bomber did not have an adequate test there. Nevertheless in its few missions it scored a higher percentage of hits on ships than the larger plane. The principal reason for this, of course, was that it released its borbs generally from between 2,000 and 4,000 feet, although rarely from a lower altitude because the fuze required a 1,000-foot drop before being armed. Later experience by marine flyers using land bases in the Solomons proved that the A-34 was a highly effective plane. On the other hand, when used without pursuit eccort, it was extremely vulnerable, and it did not have the range to operate satisfactorily against distant bases.¹⁹

Although American pursuit planes gave a good account of themselves, they did not prove superior in all respects to those which the Jap three against them. In the Philippines and Jave, the P-40 had been able to outdive the Zero (Zehe), and could also pull away from it in level flight. Furthermore the American plane had an important advantage in its armor plate and self-scaling fuel tanks. In other respects, however, the P-40 suffered by comparison. The Zeke could climb at the rate of between 3,000 and 5,000 feet a minute and could operate an an altitude of 50,000 feet, compared with a rate of climb of approximately 1,000 feet a minute and a ceiling of 27,000 feet for the P-40. The Jeke had a greater radius of action estimated at from 400 to 600 miles, largely by virtue of





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the larger droppable fuel tan's which it carried. Moreover the Jap plane was so much more maneuverable that the American who hazarded a dog fight was virtually committing suicide.²⁰

It is obvious that the United States, whose war machine was far inferior to Japan's during 1941 had not been able to catch up during the Philippine and Java campaigns. Even if the Mar Department had been able to send sufficient reinforcements of aircraft to the Far East in January and February, it is coubtful if the personnel would have been mentally prepared for the type of operations necessary in a Facific theater. The theory of employment of heavy bombers, for example, seems to have been limited primarily to operations carried out from fixed and well-equipped bases and sgainst such targets as factories, refineries, and marshalling yards. This would have been strategic bonbing. If heavy bonbers were to be employed against shipping, the theory required the use of many aircraft, nine or more, in every formation. Thus, it was hoped, a ship could be caught in a pattern of bombs. Almost none of the prerequisites for this type of bombing existed in the Pacific in January 1942. Few well-prepared bases with overhaul depots were available; borbardment units had to make thousand-mile hops using intermediary bases with primitive and sometimes unknown facilities: in some cases they literally had to carry their mechanics and servicing equipment along with them; instead of strate ic objectives, only elusive ships and an occasional airfield vere within range, and rarely were sufficient aircraft in commission

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to carry out conventional pattern-bombing attacks.

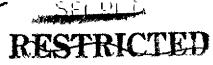
This inadequacy both of materiel and of theory resulted in failure for bomber operations in the Philippines and Java. The insufficient number of planes was partially responsible for this, and it is possible that a wiser strategy would have been to build up air strength in Australia rather than to commit aircraft piecemeal in dangerous missions flown from undefended bases. In the long run this might have permitted more damaging attacks against Japanese convoys and supply points. General Brereton, it will be recalled, warned before leaving for the Philippines in the fall of 1941 that the employment of heavy bombers from undefended bases would be suicidal.

A policy of withdrawing bombers to Australia and of conserving them until a striking force had been built up, however, would not have taken into consideration the intangible question of morale. It undoubtedly would have been difficult to convince either the American ground and naval forces or the forces of the Allies that such a long-view policy was justified. Australians, British, and Euteh threw their available aircraft, usually obsolete, unsparingly into the fray. Ground troops, including officers and numerous enlisted men of the Air Corps, fought against tremendous odds. The Allied naval force was decimated in the Java Sea. Even a token use of land-based air power seemed to give a noticeable boost to morale. Probably no other course was possible, therefore, than to



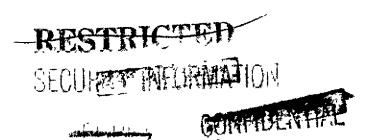
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conmit immediately all resources of the air force. This was the policy that was followed, both in the United States and in the theater, with resultant successes and failures that taught lessons which contributed to the later American triumshs in similar campaigns. Although defeated, the Allied forces had fought a gallant campaign. General EncArthur in a cable to General Arnold yaid his tribute to the air units which had flown under his command during the first few days of the war. The same tribute may be applied to those who patched up the aircraft and who flew then in the tragic months which ensued: "The far East Air Force took every possible precaution within the liuited time and means available here. Their losses [were] aue entirely to [the] energy's overwhelming superiority of force. No unit could have done better but they have been hopelessly outnumbered from the start. Their efficiency has been good and their gallantry conspicuous. Loss can be attributed neither to neglect nor to lack of care. You may take pride in their conduct."²¹



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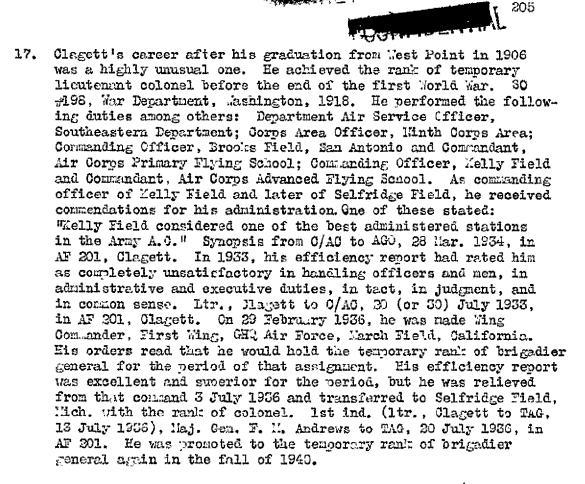
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- 8. Procurement of Aircrey Trainees, AAF Mistorical Studies: No. 15.
- Meno for AC/S, WPD by Arnold, C/AC, 8 Aug. 1940, in AAG 452.1, Airplanes, Fhil.
- PAR, Col. G. E. Stratemeyer, Exec., Plans to Maj. J. E. Upston, Plans Div., 16 Oct. 1940, in AAG 000-800 Misc., Phil.; memo for C/S by C/AC, 17 Oct. 1940, in AAG 000-800 Misc.; ltrs., AG to CO's, Selfridge and Hamilton fields, 19 Oct. 1940, in AAG 000-800 Misc., Phil.
- Ltrs., Lt. Col. C. W. Christenberry, Asst. AG to TAG, 22 Nov. 1940, and TAG, Lt. Col. M. W. Dick, to Chief of Engineers, 27 Feb. 1941, in AAG 400 Hisc., Fhil.
- 12. Hart, <u>Marrative of Events</u>.
- 13. RAR, Plans to Exec., 7 Feb. 1941, and memo for AC/S, WPD, by Gen. Brett, 11 Feb. 1941, in AAG COO-SOO Misc., Phil.
- 14. Memo to TAG by 0/AC (G. E. Stratemeyer, Exec.), 12 Mar. 1941, in ANG 452.1, Airplanes, Fhil.; ltr., TAG to CG, Philippine Dept., 28 Mar. 1941, in AAG 000-800 Msc., Phil. One C-49 and 1 0-39 were also to be shipped during April and 3 0-49's and 10 0-52's in the early summer. Esc., TAG to CG, Fhilippine Dept., 15 Apr. 1941, in AAG 452.1, Airplanes, Phil. Authority had been granted in February to use the P-26's to train sufficient Philipoine Army pilots for an air echelon of a pursuit squadron. It was later agreed that the P-26's would be turned over to the Philippine Army upon the arrival of the P-40's. Msg., TAG to CG, Philippine Dept., 26 Feb. 1941, in AAG 452.1, Airplanes, Phil.; Road, GIS [Stratemeyer/ to Gen. Brett, 25 Mar. 1941, in AAG 452.1, Airplanes, Phil.; ltr., Lt. Col. C. H. Kells to C/AC, 24 June 1941, in AAG 452.1, Airplanes, Phil. It is interesting to note that before the shipment of the P-40's Spaatz pointed out that the P-40 had 2 x .30-caliber machine guns and 4 fiftles, while the P-40B had 4 thirtles and 2 fiftles, and added "neither the P-40 nor the P-40B are believed suited for overations against a first-class air power where the target is fleeting and destruction of that target must be rapid." Memo for AC/S, MPD by Brig. Gen. Carl Spratz, AC/AC, Chief Plans Div., 28 Jan. 1941, in AAG 381 Bl, War Plans.
- History of the 24th Pursuit Group / History of 24th Pursuit/. App. II, History of the Fifth Air Force (and its Predecessors), Part I, December 1941 to August 1942 / History, 5th AF/.
- 16. GO #16, Hq. Phil. Dept., 6 Lay 1941. RESTRICTED



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- Extract, ltr. of transmittal, Intelligence Div. to C/AG, 3 July 1941; memo by Col. V. E. Cooper, Medical Corps, 26 June 1941; 1tr., Clagett to Arnold, 18 July 1941; ltr., Arnold to Clagett, 29 July 1941, all in AF 201, Clagett.
- 19. History, 5th AF, 1; meno for the C/S by Spaatz, 1 Aug. 1941, in AG 530.2 (6-30-41), Aircraft Warning Service; GO #4, Hq. USAFFE, 4 Aug. 1941, in App. II, Elstory, 5th AF. According to 1tr., FAG to CG, Fhil. Dept., 16 Aug. 1941, in AG 520.2 (6-50-41), Aircraft Warning Service:

1. The Headquarters and Headquarters Squadron, Fhilippine Department Air Torce and Headquarters and Headquarters Squadron, 24th Pursuit Group (Interceptor) are constituted on the active list.

2. The 24th Pursuit Group (Interceptor) and the 4th Composite Group are reorganized and the units listed below are assigned thereto as indicated.





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24th Pursuit Group (I) He. and Hq. Sq. 3d Pursuit Sq. (I) 17th Pursuit Sq. (I) 20th Pursuit Sq. (1) 4th Composite Group Hq. and Hq. Sq. 28th Bombardment Sq. (.4) 2d Observation Sq. Tow Target Detach.

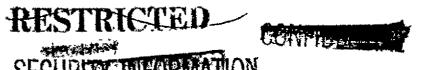
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Actually the provisions of this letter were not carried out until 16 September. GO #10, Eq. USAFFE, 16 Sep. 1941. According to the History of the 24th Pursuit Group, that group had not been activated until 1 October.

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- 20. Mean for Gol. Crawford, MPD, by Spaatz, 15 Aug. 1941, in AAG 686 Sites, Philippines. On 9 August the usable length and width of the north-south runway on Michels was 2,600 x 700 feet. The east-west runway was under construction and not usable. The construction reduced the usable length of the north-south runway. Msg. #54, Hanila to TAG, 9 Aug. 1941. By 19 August the situation had changed to such an extent that MacArthur could radio that sufficient sirfields were available for the following "additional squadrons": 10 pursuit, 7 medium bombardment, 3 heavy bombardment; within three months, 3 additional heavy squadrons; and in 6 months, 3 additional pursuit, 9 medium bombardment, 10 heavy bombardment. Msg. #147, Manila to TAG, 19 Aug. 1941, in AAG 000-800 Misc., Fhil.
- 21. Lemo for Brett by Spaatz, 26 Aug. 1941, in AAG 381.B2, Mar Flans.
- 22. Ibid.
- 23. Nemo to 0/AAF by Brig. Gen. L. E. Gerow, 18 Aug. 1941, in Air AG SAS 452.1, Phil.; meno for 0/AC by Lt. Col. Arthur W. Vanaman, Sec. of the Air Staff, 11 Aug. 1941, in AAG 452.1 Airplanes, Phil. To meet the requirements of augmenting the Philippine Department by 1 heavy bombardment group, it was considered that the following units were required: 1 gp. hq. and hq. sq., 2 bomo. sqs., 1 ren. sq., 1 materiel sq., 1 AC sq. interceptor control, 1 hq. and hq. sq. interceptor command, 1 hq. and hq. co. (Aug.), 4 ord. cos., 1 true: co., 1 eng. bn. less one co., 2 decontamination dets., 1 signal ANS, appropriate hospital facilities and medical corps personnel. News for C/AS /by office of C/AAF/, /8 Aug. 1941/, in AAG 321.9, dead files, Air Corps Troops-Eavaii, Panama, Phil., etc.
- 24. RAR, Chief, Materiel Div. to AC/AC, 24 Apr. 1941, in AAG 373, dead files, Flights-Havaii, Phil.; ltr., Brig. Gen. Frank D. Lackland to CG, 4th AF, 14 June 1941, in AG 201, Hugene L. Eubank.
- 25. Elemo for C/AAF by 7, 27 July 1941, in AAG 452.1 Airplanes, Phil.; msg., Adams to CG, American Forces in the Far East, 31 July 1941, in AG 320.3, Organization and Reinforcement, USAFFE; meno for



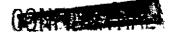


C/S by Spartz, 1 Aug. 1941, in AAG 452.1 Airplanes, Phil.; J. P. Fisher, Report on Philippine and Java Operations /Fisher Penort/, in A-2 Library; ltr., Spaatz to Adu. H. R. Stark, Chief of Laval Operations, 5 Aug. 1941; msg., A4F Air Staff to CG Hauciian AF, no date, in AAG 373, dead files, Flights-Haueii, Phil. Definite information was available on the condition of fields on Nidway and Make: at Nidway three runways are under construction: (1) 4,500 x 300 feet; (2) 5,500 x 300 feet; (3) 5,300 x 500 feet. Rolled coral base on all runways completed. Asrhaltic concrete top paving completed on all runways to width of 160 feet. Topping on runway No. 1 completed 300 feet wide for distance of 2,000 feet from southwest end. This runnay now usable in extreme emergency with caution provided prior notice is given to permit removal of construction equipment from runways. If Mavy gives priority to this runway paving, 300-foot width for entire length can be completed in 17 days. Estimate entire paving project can be completed by 15 Oct. Adequate quantities of 100-octane gasoline and oil available from Nevy and Pan American storage on Sand Island immediately adjacent to Hastern Island. Servicing must be accomplished from drums which can be spotted on Eastern Island on 24-hour notice. Communications, meteorological, and housing facilities for personnel adequate nov. At wate there is one runway of rolled coral 3,000 x 150 feet. Surface rough and covered with small loose coral rocks. Construction started on east-west runway incorporating present runway which will be 5,000 x 200 feet. Contractor on job estimates he can complete this project in 30 days. This runway when completed will be suitable for heavy bombers, but parking mat and warn-up strip immediately adjacent to runway should be provided in order that the landing field can be used by more than one airplane at a time. 100octane casoline and suitable oil available in sufficient quantities from Navy and Pan American storage, but 36-hour notice should be given prior to dispatching a flight to this field due to the limited number of aruns. Communications, meteorological, and housing facilitles for personnel are adequate. Paraphrase of msg. #59, Fort Shafter to C/AO, 11 Aug. 1941.

- 26. Msgs., Adams to OG Hawaiian Dept., 28 Aug. and 3 Sep. 1941, in AAG 373, dead files, Flights-Hawaii, Phil.
- 27. Two days before, the ground elements consisting of 1 officer and 174 enlisted men sailed from Hawaii on board the USAT <u>President</u> <u>Pierce</u>. Ming Commander Garing of the RAAF accompanied the flight as far as Port Horesby as a passenger. Msg. #246, Short to C/AAF, 5 Sep. 1941, in AAG 373, dead files, Flights-Hawaii-Phil.



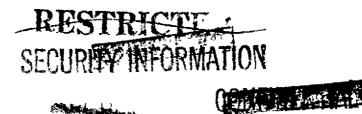






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- Laj. E. O'Donnell, Report of the 14th Bombardment Squadron, 28. 19 Sep. 1941, in AG 452.1, Flights of 3-17 Aircraft. See Appendix 1.
- 29. Army and Mavy Estimate of United States Over-all Production Requirements, 11 Sep. 1941, in AAG 381, bulk, Plans.
- 30. Ibid.
- 31. The plan also considered the possibility of using B-29's or B-32's against Japan from Alaskan or Philipoine bases. Ibid.
- 32. Msg. #277, MacArthur to Marshall, 7 Sec. 1941 and Marshall to CG USAFFE, 9 Sep. 1941, in AG 320.2 (7-23-41), Organization and Reinforcements for USAFFE.
- 33. Clark Field, 315,000; Nichols Field, \$575,000; O'Donnell Field, \$500,000; Bataan Field, \$500,000; Malabang Field, \$61,000; Zamboango Field, 9322,000. Homo for 0/AS by Col. James C. Shively, deputy chief, Buildings and Grounds, AC/AS, ILDD, 19 June 1943, in Air AG, SAS 636, Phil.
- 34. Ltr., Eq. CG USAFVE to CG Air Force, 11 Sec. 1941, in AG 452.1, Sec. 1, Flight of 3-17 Aircraft; ExR. C/AS, AAF to C/AC, 34 Sep. 1941; nsg. #293, TAG to CG Phil. Dept., 7 Oct. 1941, in AG 530.32 (9-24-41) MC-G, Air Field Development in the Philippine Islands. On 5 November, the Chief of the Army Air Forces addressed a memorandum to the Chief of Staff recommending that "the Chief of the Air Corps be authorized to include \$20,000,000 from the Second Supplemental 1942 estimates for the construction of aviation and signal facilities in the Philippine area." No action apparently was taken on this recommendation prior to 7 December. Heno for C/AS by Col. James C. Shively, deputy chief, Buildings and Grounds, AC/AS, M.&D, 19 June 1943, in Air AG, SAS 686, Phil.
- 35. Ltr., Hq. ANS, Air Force, USAFFN to CG USAFFN, 10 Oct. 1941. in AG 320.2, Aircraft Warning Service; msg., Marshall to CG USAINE, 9 Sep. 1941, in 16 320.2 (7-28-41), Organization and Reinforcements for USAFFL.
- 36. lisg., lkrshall to CG USAFTL, 9 Sep. 1941, in AG 330.3 (7-28-41), Organization and Reinforcements for USLETE; 1tr., Hq. CG USAFFE to CG Air Force, 11 Sep. 1941, in AG 452.1, Sec. 1, Flight of E-17 Aircraft; msg. #210, Adams to CG Phil. Dept., in AG 320.2 (9-24-41), Transfer of 2 Pursuit Sqs.

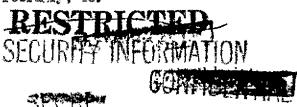


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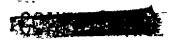
- 37. Memo for the S/N by Gen. Gerow, Acting Asst. O/S, 2 Oct. 1941. in AG 370.5 (8-1-41) Pt. 1, Reinforcements and Lovement of Troops; msgs. #525 and 526, Grunert to TAG, 8 Oct. 1941, in AAG 452.1 Airplanes, Phil.; msg., Brereton to AGMAR, 1 Nov. 1941, in AAG 452.1G, Airplane Reports. The number of P-402's in the Philippines on 31 Oct. 1941 is open to question, since the Status of Airplanes in Foreign Possessions, 31 Oct. 1941, shows 119 on hand or reported departed. AAG 452.1, Airplane Reports.
- 38. Ltr., Hq. CG USAFFE to CG Air Force, 11 Sep. 1941, in AG 453.1, Sec. 1, Flight of B-17 Aircraft; ltr., TAG to CG AF00, 9 Oct. 1941, in AG 370.5 (8-1-41) Pt. 2, Reinforcements and Novement of Froops; RAP, Brig. Gen. G. E. S/trateneyer/ to Nateriel Div., 3 Cot. 1941 and R.R. COAG Nateriel to C/AS AAF, 13 Oct. 1941, in AAG 452.1 Airplanes, Phil.
- lisg., Earshall to CG USAFFE, 9 Sep. 1941. in AG 320.2 (7-28-41). 39. Organization and Heinforcements for USAFLL, RAE, A-3 AAF to A-4 AAF, 9 Sep. 1941, in AAG 321.9, dead files, Air Corps Troops etc. stated that the following units were to be transferred to the Philippine Department at the earliest practicable time: 1 gp. hq. and hq. sq. bomb. (L); 2 bomb sqs. (H) (the 19th Bomb. Gp. less one sq. now stationed at Albuquerque, N.H.); 1 rcn. sq.; 1 materiel sq.; 1 hq. and hq. sq. interceptor command; 1 hg. and hg. co. aircraft warning service-interceptor command; assorted ordnance, truck, engineer, maintenance, and medical units. See also ltr., TAG to CG ATCO, 13 Sep. 1941, in AG 370.5 (9-17-41), Reinforcement and lovement of Troops; nsgs., Adams to CG Havaiian Dept., 26 Sep. 1941, and Adams to CG USAFFE, 21 Oct. 1941, in AAG 373, dead files, Flights, Hawaii, Phil. RAR, C/AS AAF to CG AFCC, 13 Oct. 1941, in AAG 373, dead files, Flights, Haumii, Phil. states that 35 B-17 crevs will be prevared by the 7th Boubardment Group for ferry service on or about 1 December and lists the following schedule of heavy bomber flights: 30 B-17's, 1 December; 35 B-17's, 1 January 1942; 30 B-17's, 1 February 1942; 35 B-24's, 1 February 1942. According to RAP, O/AS ANY to CG ATCJ, 22 Oct. 1941, the following flights vers contemplated: 50 E-17's, 1 December; 25 E-17's, 1 Jonusr: 1943; 3 B-04's, 1 January 1942; 30 B-17's, 1 February 1942; 16 B-24's, 1 February 1942; 16 B-24's, 15 February 1942.
- 40. Nemo for the Secretary of Mar by Maj. Gen. H. E. Arnold, Deputy Chief of Staff for Air, 8 Cot. 1941, in AAG 450.1 Airplanes, Fhilippines estimates the production of B-17N's as: September 1941, 5; October, 12; November, 16; December, 25; January 1942, 50; February, 40. Of B-34's: November 1941, 2; December 8; January 1942, 40; February, 45.

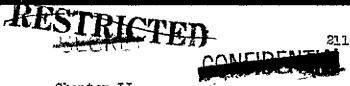




- 41. Nemo for the O/S by H. R. Stark, Chief of Naval Operations, 10 Oct. 1941, in M.F. II-C-3, Movalian Islands.
- 42. 11st. #594, Short to TAC, 22 Oct. 1941; 1tr., TAG to CG Havailan Pept., 27 Oct. 1941, AG 580.82 (9-30-41) 10-G, in AAG Nisc. Nessages.
- 43. Meno for C/AC by Maj. Edward P. Curtis, Sec./AS, 28 Aug. 1941; F&R, C/AS AAF to C/AAF, 19 Sep. 1941; meno for FAG by Laj. Edward P. Curtis, 10 Sec. 1941; F&R, OCAC Materiel to C/AS CJAC, 8 Cct. 1941, in AAG 400 Misc., Phil.
- Ibid.; msg. 452, Short to C/AAF, 9 Cct. 1941 and Armold to CG 44. Havaiian Dept., 17 Cct. 1941, in ALG 373, dead files, Flights-Eavail, Phil. The problem of transporting fuel to the Fhilippines proved difficult. In September, the objective was to make available 9,000,000 callons of 100-octane by 1 February. RaR, C/AS AAF to C/AAF, 19 Sep. 1941, in AiG 400 lisc. Phil. Arrangements were also completed with Standard Cil to provide and store opproximitely 6,300,000 gallons of 100-octane in the Fhilippines. Thether this was considered a part of the 0,000,000 gallons is rot clear. EAR, COAS Lateriel to C/S AAF, 26 Sep. 1941, in AAG 400 Hise. Phil. Steps were also taken in October to insure sufficient fuel at lidway and Lake. In response to an irmy recuest to assist Pan American in providing the necessary amounts, the Tavy agreed to have at Midway and Male, by 25 October, 60,000 gallons aviation gas and 1,607 gallone lubricating oil and, by 15 December, 120,000 callons gas and 2,400 callons oil. Ltr., C/S to Chief of Naval Operations, 13 Oct. 1941 and Chief of Naval Operations to 0/S, 21 Oct. 1941, in 146 400 Misc, Phil.
- 45. Report to CG, AFCC by Lt. Col. E. L. Lubanh, commanding 19th Group, 23 Oct. 1941, in AAG 373-6A, Ferry Crews; 1tr., Brig. Gen. Frank D. Lac'mland, commanding Air Base, Tucson, Ariz. to OC AFCS, 25 Oct. 1941, in Air AC SAS 370.5, Phil.; msg., Adams to CG Equation Dept., 18 Oct. 1941, in AG 452.1 (10-18-41) MC-G.
- 46. Meno for Chief of Naval Operations by Marshall, 17 Oct. 1941, and msg. to OG Hawaiian Dept., 17 Oct. 1941, in AAG 373, dead files, Flights-Hawaii, Phil.; meno for the C/S by H. P. Stark, 20 Oct. 1941, in AG 453.1 (10-30-41).
- 47. Nemo for 0G, AFCC by Maj. Edward P. Curtis, Sec./AS, 30 Sep. 1941, in AAG 373, dead files, Flights-Mawaii, Fhil.; msg. #582, 32 Oct. 1941, Ft. Shafter to TAG; msgs., Adams to CG Havalian Dept., 18 Cct. 1941, 31 Oct. 1941, and Short to TAG, #664, 28 Oct. 1941, in AG 453.1 (10-33-41), Flight of B-17 Aircraft. A series of messages dated from 23 October to 19 November 1941 gives the details of the arrivals and departures of this movement.







Chapter II

- Memo for C/S by Maj. Gen. H. W. Arnolâ, Deputy O/S for Air. 3 Cct. 1941, in AF 201, Brereton; 1tr., TAG to Maj. Gen. Lewis E. Brereton, 7 Cct. 1941, in AF 201, Brereton; 1tr., Arnolâ to MacArthur, 14 Cct. 1941, in AG 321.9 C, Pail.
- 2. Nemo for TAG by Laj. E. P. Curtis, Sec./AS, 20 Oct. 1941, including an additional "Nemo for the Record," in Air AG SAS 520.2, Fail.
- Ltr., TAG to CG US_FIL, 28 Cct. 1941, in AAG 321.9, dead files, 3. Air Corps Troops, Haussi, Phil.; 60 -28, Eq. USAFLU, 14 Nov. 1941, in App. II, History, 5th AF. The origin of the V Interceptor Conacad in the Philippines is not clear. The activation of a Headquarters and Headquarters Squadron, V Interceptor Connand was authorized at Ft. Lauton, Mash. by letter, TAG to 3G Air Force Combat Command, 14 Oct. 1941, in AG 320.2 (10-1-41) Aircreft Merning Service. This authorization was carried out during November. "The Vth" sailed from San Francisco for the Philippines on 6 December, but put back into port when informed of the attack on Pearl Haroor. It officially remained there until the fall of 1942. History of Headquarters and Headquarters Squadron, V Fighter Command. Although no authority for activation of the V Interceptor Command in the Philippines can be found either in Cashington or in Australia, it is listed as operating under Direction's command on S December 1941, and appears on other official documents. History, 5th AF, 3-4. Although the official designation at this time was 5th Bomber Com and and 5th Interceptor Contand, the practice of referring to commands with the Roman capital, i.e. V Bomber Compand, is consistently followed in this study.
- 4. Msg. #512, MacArthur to TAG, 9 Nov. 1942 and #620, TAG to 0G USAFIL, 26 Nov. 1941, in AG 320.2 (7-28-41) Sec. 3.
- Ltr., Spaatz to Clagett, 7 Aug. 1941; ltr., Clagett to TAG, 12 Lov. 1941, and lst ind. by Erercton and 2d ind. by CG USAFFL; PER's, Air AG to A-1, 24 Fov. 1941 and A-1 to AAG, 18 Dec. 1941, in AF 201, Clagett.
- 6. History, 24th Pursuit; teletype, CG Hamilton Field to TAG, 29 Oct. 1941, in AG 370.5 (8-1-41), part II states that the 21st and 34th Pursuit Sqs. arrived at the San Francisco Port of Embarkation on 29 October. The Hq. and Hq. Sq. and the 70th Sq. of the 35th Pursuit Gp. were authorized to move to the San Francisco Port of Embarkation to sail "on or about" 1





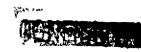
RESIRICTED,

December. Ltr., TAG to CG AFCC, 1 Nov. 1941, in AG 370.5 (8-1-41) Pt. 2, Reinforcement and Novement of Troops to the Fhilippine Department.

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- Msg., Broreton to AGMAR, 1 Mov. 1941, in AAG 452.10, Airplane 7. Reports. The records of "the Ohief of the Air Corrs" as of 31 October did not show any P-402's assigned to units, but stated that 119 P-4011's were either "on hand or reported departed for Philippines." Status of Airplanes in Foreign Possessions as of 31 Cotoper 1941, in AAC 452.1, Airplane Reports. Efforts vere also being made to prepare 18 P_40D's for transfer to the Philippines. A part of these planes were participating in the Carolina maneuvers, and thus were not to be released for shipment until approximately 1 December. RAR, 0/AS AAF to AF00, 4 Nov. 1941 and RER, Ho. AFOC to C/AS AAF, 6 Nov. 1941, in AAG 452.1, Pursuits; RAR, C/AS AAF to OCAC, 4 Nov. 1941, RAR, Materiel Div. to C/AS AAF, 10 Nov. 1941, and R&R, C/AS AAF to COAC (Nateriel Div.), 19 Nov. 1941, in AAG 452.1 Airplanes, Phil. On 26 November, it was stated that 25 P-39D's were being packed and crated for shipment to the Fhilippines, and that it would be necessary to crate only 55 P-40E's upon completion of the maneuvers. RER, C/AS AAF to CJAC, 20 Hov. 1941, in AAG 452.1 Airplanes, Phil. There was under consideration a plan to ferry these pursuite from Australia to Manila. Col. Harold H. George believed that to fly the pursuits in from Townsville via Cloncurry, Groote Eylandt, Darwin, Koepang, Macassar, Samarinda 32, Farakan, Malabang to Manila was feasible. Msg., Adams to CG USAFFE, 29 Oct. 1941, and 1st ind. by Col. George to ltr., Col. Carl E. Seals to CG Air Force, 30 Oct. 1941, in AG 452.1, Phil.
- 8. Histories of the 25th, 30th, and 93d Squadrons, in History of the 19th Bombardment Group /History, 19th Bombardment/; msg.. Adams to GG, Hawaiian Dept., in AG 370.5 (9-26-41), Transfer of Air Corps units; ltr., TAG to 00 Hawaiian Dept., 2 Dec. 1941, in AAG 000-500 Misc., Poil.; msg., Short to TAG, 15 Nov. 1941; History of the 27th Bombardment Group (L); ltrs., TAG to GB AFGC, 22 and 30 Oct. 1941; meno for AG/S G-2 by Arnold, C/AAF, 4 Nov. 1941; ltr., TAG to GG AFGC, 5 Nov. 1941, in AG 370.5 (C-1-41), Heinforcements and Novement of Froops, Pts. 1 and 2; Second Anniversary, in History of the 7th Bombardment Group.
- Ltr., Lt. Col. J. G. Taylor, cnief, Intelligence Div., AG, to chief, Div. of International Communications, Dept. of State, 5 Nov. 1941, in AAG 375, dead files, Flights-Hawaii, Fhil.
- Msg. 5175, American Empassy, London, to Sec. of State, Mashington, SO Cot. 1941; msg. #5180, Sec. of State to American Embassy, London, 51 Cot. 1941; draft of msg. to be sent to





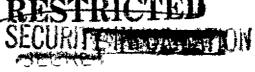
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CG Haumiian Dept., 1 Nov. 1941; msg., Arnold to CG USAFFE, 5 Nov. 1941, in AAG Misc. Cables.

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- 11. Msg. #849, Honolulu to TAG, 15 Nov. 1941; 1tr., Maj. Gen. F. L. Lartin to Arnold, 17 Nov. 1941, indir AG, SAS 452.1, Phil.
- 12. Hsgs. #255 to 00 USAFFE, 3 Nov. 1941; msg. #836, Hanila to TAG, 16 Nov. 1941; msg. #957, Ft. Shafter to C/AAF, 27 Nov. 1941; msg. #1044, Manila to TAG, 1 Dec. 1941. The Darwin fields became almost unusable in the rainy season. MacArthur advised that future heavy-bomber flights should proceed from Port Moresby directly to Hanila. Msg., MacArthur to 06 Hawaiian Dept., 3 Dec. 1941, in AG 452.1, Phil. See also History, 5th AF, 6, and ltr., Clagett to C/AS, Helbourne, <u>ibid.</u>, App. II, Doc. 12.
- 13. The Java Sea Campaign, Office of Neval Intelligence Compat Narratives, 3; Hart, <u>Narrative of Events</u>.
- JBMP-R5-A, Revision of Painbow No. 5, approved by the Joint Board, 19 Nov. 1941, in enec. office, AC/AS, Plans; ltr., Marshall to JG USAFFE, 21 Nov. 1941, in M.P. II-C-5, Midway Island.
- 15. EaR, C/AS AAP to CG AFOC, 14 Nov. 1941, in AAC 373.6A, Ferry Crevs; Msg., Adams to CC Hawaiian Dept., 14 Nov. 1941, in AG 453.1 (11-14-41), Flights of B-17 Aircraft; EaR, C/AS AAF to OGAC, 15 Nov. 1941, in AAG 452.1, Airplanes, Phil.; msg. #848, Nartin to TAG, 15 Nov. 1942, in AG 452.1 (11-15-41), Flights of B-17 Aircraft; memo for C/S by Spaatz, 22 Nov. 1941, concurred in by AC/S G-3, 23 Nov. and WPD, 26 Nov. 1941, in AAG 452.1, Airplanes, Fhil.; ltr., Arnold to Martin, 1 Dec. 1941, in Air AG, SAS 452.1, Phil.
- Lemo for C/S by Smaatz, C2 Nov. 1941, in AAG 452.1 Airplanes, Phil.
- 17. Memo for C/AS, initialed as approved by HrA, 17 Nov. 1941; msg. #367, Ft. Shafter to TAG, 28 Nov. 1941. In addition to the aircraft carriers, one of which was said to have been the <u>Maga</u>, the following aircraft were estimated as being in the Mandates: 8 flying boats at Notje, 8 flying boats and 12 fighters at Jaluit, 6 fighters and 6 heavy bombers at Truk, 3 fighters and 6 heavy bombers at Saipan, 8 flying boats at Palau. Msg., Manila to MD, signed Brink, 27 Oct. 1941.
- 18. Singapore to LD, signed Brink, 21 Tov. 1941; 1tr., R. Brookes Popham to MacArthur, 24 Nov. 1941, in AG 452.1, Fhil.
- Hsg., Adams to CG USAFFE, 38 Nov. 1941, in AG 452.1, Phil.; msg. #443, Adams to CG Eawalian Dept., 26 Nov. 1941.



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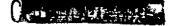
- 20. Hsg., Brerston to CO, HAAF, Port Horesby, 29 Nov. 1941; msg., Hachrthur to CG 4avaiian Dept., 29 Nov. 1941; msg., Adams to USAFFE, 29 Nov. 1941, in AG 452.1, Fhil.; msg. 7499, Adams to CG USAFFE, 2 Dec. 1941; msg. 71044, Hawaii to Chief, AC, 5 Dec. 1941; memo for Ada. Purnell by Brig. Gen. P. H. Sutherland, 6 Dec. 1941, in AG 452.1, Fhil.
- 21. Ltrs., Eq. Air Force, USAFFEI (from Erereton) to all post, group, and separate squadron commanders, 10 and 11 Nov. 1941, in AG 381 (11-13-40) Sec. 1, USAFFE; ltr., Lt. Don Mitchell to Dr. Bayrd Still of Duke Univ., in Dr. Still's personal files.
- 22. Esg. #624, Harshall to CG USAFFE, 27 Fov. 1941, in AG 331 (11-27-41), General; Hart, <u>Marrative of Events</u>.
- <u>Ibid.</u>; msg. s1004, MacArthur to Marshall, 28 Mov. 1941, in AG 331 (11-27-41), General.
- Chronology of the Philippines, in History, 5th AF, Doc. 82, App. II.
- 25. Hart, <u>Harrative of Events</u>: ". P. Fisher, Report on Philippine and Java Operations [Fisher Report]; unrecorded interview with Brig. Gen. Trancis I. Brady [Frady interview].
- 26. History, 24th Pursuit.
- 27. Usg., ABDA 522A, Brereton to Arnold, 23 Feb. 1942; meno for Gen. Unrehall by Maj. Gen. J. A. Green, Chief of CA, 5 and 7 Hov. 1941, in AG 320.3 (7-28-41), Organization and Reinforcements of USAFFE. A considerable program for expanding coast artillery and antialroraft facilities was under way by training units of the Philippine Army. Report by Lt. Col. S. H. Mellnik, A/A in the Philippines, in History, 5th AF, Doc. 24, App. II; Brady interview. The 200th CA (AA) Regiment was stationed at Clark Field. It apparently had one battalion of 3-inch guns and another pattalion of 37-ma. guns. History, 5th AF, 6.
- 28. Spaatz complained that although in the near future SOR 265's would be available since they were being manufactured at the rate of about 40 per month, they were all being delivered to Coast Artillery units. Hence for the C/S by Sphatz, 13 Nov. 1941, in Air AG, SAS 320.2, Phil.; msg. #919, MacArthur to TAG, 21 Nov. 1941; History, 24th Fursuit; History of the V Fighter Command.
- 29. Statement of Lt. Col. Eay Elsmore, in History, 5th AF, Doc. 50a, App. II; Brady interview.

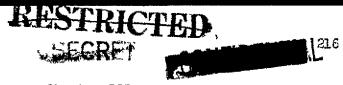
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- 30. Ibid.; Statement of Col. Elsmore.
- 31. History, 84th Fursuit.
- 32. Mrg. #96, Singapore to WD, signed Brink, 5 Dec. 1941.
- 33. Msg. 1105, MacArthur to CAG, 6 Dec. 1941, in AG 381 (11-27-41), General.
- 34. Ltr., Hq. USAFFE (MacArthur) to CG Philippine Div., Fort Milliam McMinley, 6 Dec. 1941, in AG 381, USAF in the Far East.
- 35. Msg. 2733, Marshall to CG USAFTE, 7 Dec. 1941, in AG 381 (11-27-41), General. For a complete collection of the warning messages see Appendix 3.
- 36. History, 5th AT, 6-7.







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- 1. History of the 27th Bombardment Group.
- 2. History, 24th Pursuit.
- 3. The 24th Group received official confirmation of the outbreak of hostilities at "approximately 4:45." <u>Ibid</u>. The bomber base at Del Nonte apparently received two notices, one at about 0620, stating "Hostilities have begun. All airdromes alert." The other a few minutes later, "hostilities have commenced, govern yourself accordingly." Interviews with Col. Fry (Doc. 8) /Fry interview/ and with Maj. Heald (Doc. 17), in History, 5th AF, App. II.
- Interview with Col. Bugene Bubank; interview with Col. Harold 4. Hads, engineer, Far East Air Force; talk by Maj. W. P. Fisher, in AAG 385, Marfare. On 27 May 1944 a letter was written from the Chief of Staff, Fifth Air Force to General meadowarters. Southwest Pacific Area, requesting that persons who had held "key positions" in the Philippines should furnish the historical office of the Fifth Air Force "with such information as they can" on air force activities in the Philippines. Several questions were presented including a request for information on whether a plan existed for the exployment of the air force in the event of war, a question as to whether an attack on Havali was considered justification for an offensive attack by American bombers against Formosa, and whether General Brereton had received any orders on the employment of Lombers on the morning of 8 December. The reply to this letter came in the form of a first indorsement of 7 June, signed by the acting adjutant general by command of General LacArthur: "There is no official information in this headquarters bearing upon the questions propounded in basic communication." Doc. 20, History, 5th AF, Ann. II.
- 5. History of the 30th Bombardment Squadron, in History, 19th Bom-Dardment; History, 24th Pursuit.
- 6. Ibid.; Fisher Report.
- <u>Ibid.</u>; History, 34th Fursuit; ltr. (?), Col. A. W. Marriner, Dir. of Communications to CG USAFIA, 3 Apr. 1942, in AAG 600 Misc., Fhil.
- 3. History, 24th Pursult; Fisher Report. The Mavy claimed that the first attack on the Philippines was made upon two PBY's at Malalag in Davao Gulf. These two planes were destroyed. Two others had just taken off on a reconnaissance flight and escaped. Hart, <u>Marrative of Events</u>. **DESCREPTION**

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History, 24th Pursuit; Meator and Moore received DSC's for their victories. According to the citation, Moore shot down his two planes on 10 December. But the description of the action tallies more with that of 3 December. GO #48, Hq. USAFFE, 21 Dec. 1941. See also History, 5th AF, 12.

- History, 24th Pursuit; GO Al, Hq. 5th AF, 30 Sep. 1943; Fry interview in History, 5th AF.
- History, 19th Bombardment, App. B /19th Group Operations Record. Staff Sergeant Mile Bibin received a Purple Heart for the 3-17 action, as he was severely wounded while at his post as an aerial gunner. GO #16, Hq. Far East Air Force, Bandoeng, Java, 12 Feb. 1942.
- 12. All these men were docorated. GO #17, Ho. FEAF, 23 Feb. 1942; GO #2, Ho. Southwest Pacific Command, Lembang, Java, 15 Feb. 1942; GO #48, Hq. USAFFE, 31 Dec. 1941; GO #52, Hq. 5th AF, 13 Dec. 1942. Others cited in these general orders for similar feats were M/Sgt. Thomas J. Crubley; T/Sgt. Anthony Holub, and Pfc Joseph G. McDiroy. See also Fisher Report. The one antiaircraft regiment stationed at the airfields was the 200th CA (AA) at Clark Field. This regiment apparently had one battalion of 3-inch guns and another of 37-cm. guns. But only low-altitude, powder-train fuzes were available for 3-inch shells. History, 5th AF; unrecorded interviews with Brig. Gen. Francis M. Brady /Brady interview/ and Col. Cecil Combs /Combs interview/. Major Gibbs commanded the 19th Group from 10 to 12 December. On 12 Lecember he took off in a B-18 for Lindanao during severe tropical storas. Colonel Combs reported that the storms were so severe that even a B-17 had difficulty in penetrating them. Lajor Gibbs never reached Lindanao, and it is assumed that the storms battered his B-18 to pieces. App. A, History, 19th Bombardment.
- 13. Fisher Report and Fisher Talk; History, 24th Pursuit; msg. #1133, Manila to MD, 3 Dec. 1941; msg. #1135, Manila to MD, received 9 Dec. 1941. The status of aircraft at other outposts at the same time: Haunii--40 P-40's, 3 A-20's, 6 B-18's, 7 B-17's; Alaska--12 B-18's, 20 P-36's, 1 P-37. Memo for S/M by Spaatz, C/AS, 8 Dec. 1941, in AnG 453.1 Airplanes, Fhil. A flight of the 17th Squadron had attempted to intercept the Jap attack on Michols Field. Two aircraft crashed on the takeoff because of dust on the runway, and the remainder failed to make the interception in the darkmess. The 21st Squadron at Del Carmen Field finally got 16 P-35's into the air, intercepted Japanese formation, and claims to have shot down three enemy planes. No P-35's were destroyed, but several were rather



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badly damaged. This was the only occasion that the 21st Squadron was able to perform an interception. Their planes were not in good condition, having an average of about 500 hours flying time on each aircraft, and their guns had been used extensively for target practice. Statement of Maj. Stevart W. Robb.

- Msg. #1155, Manila to MD, received, 9 Dec. 1941; History of the 27th Group: History, 24th Pursuit; msg. #1133, Manila to MD, 8 Dec. 1941; Lt. Col. James S. McAfee's Diary.
- 15. Report by S. H. Hellnik, A/A in the fhilippines, Doc. 24, in History, 5th AF, App. II.
- 16. 19th Group Operations Record; Hart, Larrative of Events.
- 17. This information might have been acquired by Lt. Grant I. lahoney of the 3d Pursuit Group. His citation for the DSC reads: "Volunteering for a vital night mission in thick weather during a complete ground blackout, and in the face of severe ground fire from strongly-held positions, Lieutenant Mahoney secured the information on December 10, 1941, which was needed for a subsequent successful bombing attack." GO #43, Eq. USAFTE, 21 Dec. 1941.
- 18. History, 24th Pursuit: 19th Group Operations Record: 60 #48. Hq. USAFFE, 21 Dec. 1941. Lt. Jack Lale of the 17th Squadron was cited in the same general order for what was apparently the same action. He is described as leading his flight in attacks near Vigan, Ilocos Norte, on 10 December, through heavy AA from "approximately twenty hostile naval vessels, including two heavy cruisers and several destroyers. . . " For the characteristics of the P-35 see Appendix 3.
- 19. Seven B-17's had arrived with Major O'Donnell on 9 December. An eighth, piloted by Gapt. M. L. Farsel, had reached San Marcelino on the same day after a reconnaissance mission south of Davao. 19th Group Operations Record.
- <u>Ibid.</u>; GO w3, Hq. Southwest Pacific Command, Lembang, Java, 15 Feb. 1942. This general order is incorrect as to date, giving 9 December as the day of the Missions rather than the loth.
- 21. The best account to date of Colin Kelly's mission was written by Col. H. L. Eubank after an interview with Lt. Joe Bean, and other officers who had talked to the other survivors. Marrative Report of Flight of Captain Colin P. Kelly . . . , Doc. 25, in History, 5th AF, App. H. The citations indicate that the





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warship, usually identified as the battloship <u>Marphy</u>, was such There is no evidence that the warship was such. The <u>Marune</u> appeared in later ongogements, such as the second Battle of the Fhilippine Sen. Jashington, Cot. 39, 1944, Pacific Fleet Commander 105; GO 465, Mg. ULAFLE, 31 Dec. 1941; GC 438, Mg. Oth AT, C Dec. 1943; GO 462, Mg. ULAFLE, 31 Dec. 1941; GC 438, Mg. Oth AT, C Dec. 1943; GO 462, Mg. ULAFLE, 31 Dec. 1941; GC 438, Mg. Oth AT, C Dec. 1943; GO 462, Mg. ULAFLE, 31 Dec. 1941; GC 438, Mg. Oth AT, C Dec. 1943; GO 462, Mg. ULAFLE, 31 Dec. 1941; GC 438, Mg. Oth AT, C Dec. 1943; GO 462, Mg. ULAFLE, 31 Dec. 1942; See also usg. 5, Jova to ThG, 15 Deb. 1949 and Fisher Falls successing the engagement. Macarthur on CS Dec. 1941 mentioned "the sinking of Jap battlochip by Copt. Jolly" while on 11 December he had m dioed that "at end of attact, ship was burning floredly." Lagst., Mainthur to TaG. 11 and CS Dec. 1943. Twy PBY's also chain to have disabled a chip of the <u>Marune</u> class on 12 December. Eart, <u>Charative of Tyents</u>.

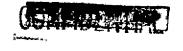
- 32. History, Dith Fursult.
- 33. Condut Report of Japp. Millian .'. Hove [Rove Report], in A-2 lib.
- 24. Elstory, Rith Fursult; CO .45, Rg. USAITI, 21 Pec. 1041; GO -27. Eq. USAITI, 10 Feb. 1941; GO .20, No. 5th AI, 51 Cot. 1942.
- 25. Lett for 5/S by Acting AC/S, 6-0, 10 Fec. 1941, filed in messages in ATEL files. The history of the 24th Fur-wit Group states that the 3d and 34th Soundrons combined. But since the 3d had already joined the 17th, it is probable that it use the 21st and 34th which combined on 10 December.
- 23. History, 5th AT, 17; 19th Group Chertions Fecord. The airforce on Andoro was operated throughout the siege of Estean by 75 den who had been evaluates from Chart Field. The interview.
- 37. Mar., Marile to D. 11 Dec. 1941; Marin, Manile to Advar, 13 Dec. 1941; Fatring 10 received orders on 14 Leceber to transfer to East Indies bases. East, Marrative of Avents. 00 .49, Eq. VELIFI, 21 Lec. 1241; 60 .07, Eq. USLIF., 10 Feb. 1942. "Florge convey my personal congratulations to Saptain Jeaus A. Villager for his outstanding contributions to the dir defence of the Whilipvince which have herited the shard of the Distinguished Service Cross and Oak Leaf Cluster. His conspicuous acts of course and introvid leadership against survior encay forces symbolize that high sense of devotion to duty which accords with the finest traditions of the imp Alr Forces, does honor to his own people, and gives rice to a for line of intense subisfaction that he and the other officers cal men of the Milliprine Air Force are now incorporated into the Arry Mir Forcer for conbined effort in the conton cause." irt., Arrold to CC UBAFEL, MA Dec. 1941.
- 75. 19th Group Chemitians Jecord; usg. (1712, 'hundle to EAG, 15 Dec. 1971; 65 (d6, Fq. Fer East Lir Force, Bundsen), J. va. 10 Teb. 1943; 60 (D. Rq. Southwest Pacific Son and, Labbang, RESTRICTED

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Java, 15 Feb. 1942; 60 #12, Eq. Allied Air Forces, SMPA, 25 May 1942.

- 29. History, 24th Pursuit; GO #52, Eq. USAFFE, 24 Dec. 1941.
- History, 5th AF, 20 and statement of Col. Elsnore, Doc. 30a, App. II.
- 31. 19th Group Operations Fecord. After his arrival, Clarett was inspecting the airfield with Colonel Elsmore. He had criticized the 4¹₂-foot slit trenches as not being deep enough. Muen the Zeros appeared over the field in the strafing attack. Elsmore jumped into one of the trenches and landed on top of General Clarett who had been even more able in diving into the trench. Elsmore stated that "after the raid was over we climbed out of the trench and General Claggett [sig] looked out of the corner of his eye at me and said, 'Elsmore, are those trenches deep enough'. I replied, 'General, they are not deep enough'."





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Chapter IV

- 1. History of the 27th Group.
- 2. Hsg., MacArthur to Marshall, 10 Dec. 1941; Manila to MD. 13 Dec. 1941. Hsg. "MO, Manila to MAG, 23 Dec. 1941: "The recommendation contained in my radios of 15th and 14th December re dive bomber and pursuit reinforcement by means of aircraft carriers was one of main features of our air reinforcement attempts here. Interruption of ferry route to South is permitted by present air encirclement by enemy due to day bombardment of Mindanao fields. No reference is made in your radios concerning fact that early reinforcement by carrier would solve this problem. Can anything be expected by me along that line?"
- 3. Memo for MacArthur by Brereton, 14 Dec. 1941, in AG 452.1, Phil.
- 4. Hsg. 4787, TAG to CG USAFFE, 15 Dec. 1941, in AC 381 (11-27-41), General; ltr., to CG AFOC, inclosure to EAR, OPD to Air Service Command, 15 Dec. 1941, in AAG 400 Hise. Phil.; ltr., TAC to CG AFOJ, 23 Dec. 1941, in AAG 373 (dead files), Flights-Havaii, Fhil.; msg. 750, Adams to HacArthur, 25 Dec. 1941. The Havy apparently had some doubts about the prospects of holding the Philippines when it radioed Hart that "Army defense of Luzon must be supported as long as practicable whether subs are based at Hanila or further south." Hsg., C.O to CINCAF, etc., 7141535 CRO446, 14 Dec. 1941.
- 5. Msg., Manila to WD and TAG, unnumbered, 19 Dec.; #13, 20 Dec. unnumbered, #30, and #544, 21 Dec.; #3 and #34, 22 Dec. 1941; Brief Chronology of the Philippine Campaign, Col. Ray Elsmore's Personal Papers /Elsmore Papers/, Dec. 82, in History, 5th AF, App. II.
- 6. 19th Group Operations Record; msg. w41, Manila to TAG, 23 Dec. 1941; GO w16, Hg. FLAF, Bandoeng, Java, 12 Feb. 1941. There were numerous citations for this mission. Among others, Lieutenant Ford received the DFC. Ford was suffering from a severe attack of malaria when the mission was announced. "The seriousness of his condition was withheld because of the shortage of pilots and the importance of the mission. He landed upon completion of the flight in a state of near collapse and was immediately hospitalized. . . " GO #2, Hq. SWP Conmand, Lembang, Java, 15 Feb. 1942.
- 7. <u>Ibid.</u>; 60 #10, Hq. 5th AF, 23 Sep. 1942; 60 #16, Hq. FEAF, Bandoeng, 12 Feb. 1942; 60 #38, Hc. 5th AF, 2 Dec. 1942; 19th Group Operations Record. **RESTRICTED** SECURITY FORMATION

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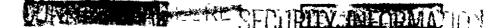
3. History, "Ath Purshit; "Hetory, 5th AP, 26-27; 60 -75, HA. Allied Air Forces, 4 July 1947; Statement of L.M. Stewart Pobb.

- 3. Eletor, Olde errsuit.
- 10. History of the 97th Crown; Lackfee'r Dirry.
- 11. Ibic.; Mistory of the 27th Group.
- 13. History, Eth MD, 67-39: Elemone Papers; For Endourtons Air Force Feedourtons Elemy, Doc. 35, in Eletory, 5th MD; statement of L4. Col. Lay Decore; Eq., Ft. ills to 260, 35 Dec. 1941. The near of the 19th Group had an exciting trip to Mindenso. They triveled at might, putting in 1 (lead cover 5) day. They were discovered by a encay bouber near the island of Mindoro, and were bouked, but the boost ecception enforce for energy which had been such the previous day by a bonder. It had been corrying unitions to Mindenso. They individuals of the bodier contain, particularly of the bodier containd, particularly members of the 27th Group. Michael, but they follow a state of the 27th Group.
- Lt. Rob Foy Carruthers, Pauri Fordor, SUSth Overseas, in mistory, 19th Southard.cot.
- 14. The ANT in Australia to the Super of 1940 [and in Australia], AAF Listorical Studies: No. 3, 5-6; mag. ,1/153, Arnold to Preveton, 16 Jan. 1942. The district envineer at Honolulu reported as early as 35 December that the route via Canton, the Figle, New Saledonia, and Townsville was ready for ferrying berry borbardment. Caroline was also while to be available, but the availability of lubricating oil, hydraulic braid fluid, and onlygen was succeed. Nag. 1404, Dators to TAC, 70 Dec. 1941.
- The convert consisted of USLT <u>Republic</u>, USLT <u>Chear ont</u>, USL Yacht <u>Linera</u>, USLT <u>Leign</u>; the freighters, <u>Adv. Existent</u> (US), <u>Const</u> <u>Terrer</u> (US), <u>Appendent (Dutch)</u>. On SO Nove ber, USLY <u>Holbrock</u> joined the convey. Eletery of USLTIN, Doc. SC, in Fistery, 5th LT, Apr. II.
- <u>Prid</u>.; All in Amstrolic, 10; Let 5 for Chief Signal Officer by Gen. Scrow, Acting AC/S, FD, 1° Dec. 1981, in AC 351 (11-07-41), Constal.
- 17. Listory of USLFIA: nero to the Chief of Level Coerations by Gerev, 12 Rec. 1941, in CDD 4628, instrulia; esg., Hearthur to .D. 18 Dec. 1941. "Austrulian Fowel circles as well as our Fawel Littache still think it may be proticable to send the convoy soon to arrive in Brisbane to a Millipiane port, provided the United States Hurr will coordinate Giographic. They are also

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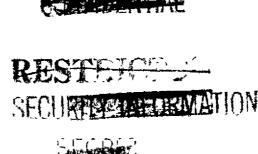
of the opinion that the ferrying of aircraft to the Philippines is possible. They are surprised unpleasantly by the statements contained in the British Admiralty Delegation cable in which were repeated the suggestion of the Chief of the United States Naval Operations to the effect that the troops and materiel in the convoy May be very important for the defense of Port Darwin and vicinity. They consider this latter view as being opposed to the directions given General Barnes by General Marshall." Mag. 740, Melbourne to ND, 18 Dec. 1941.

- G0 s4, Hq. Task Force, South Facific, 19 Dec. 1941; History of the USAFIA; msg. #71, AG to Brig. Gen. John Lagrader, Chief of US Mil. Mission to Chungking, 15 Dec. 1941, in AG 381 (11-27-41), General; meno for TAG by Acting AC/S Gerow, 17 Dec. 1540, in CPD, 4638, Australia; msg. #1015, Brett to TAG from Chungking, 23 Dec. 1941; msg. #130, Chung ing to TAG, 27 Dec. 1941.
- history of G-4 UnitedStates Army Forces in Australia, Doc. 81, in History, 5th AF, App. II; History of USAFIA; memo for Gen. Somervell by Fisenhouer, received 17 Dec. 1941, in CPD, 4625, Australia; msg., MacArthur to AGO, 18 Dec. 1941.
- 20. Msg., Marshall to CG USAFIA, no date, Doc. 48, in Mistory, 5th AF, App. II; unrecorded interview with Maj. John T. Frotter; Brig. Gen. Julian Barnes, General Description of Australia, Doc. 51a, in Mistory, 5th AF, App. II.
- 21. Ibig.; Mar. +1371, London (Royce) to UD, 16 Dec. 1941.
- Msg., Wing Commander, Directorate of Operations, to Clagett, 19 Dec. 1941, Doc. 54; msg., Brereton to Merle-Smith, 21 Dec. 1941, Doc. 55; msg., MacArthur to Sir Charles Burnett, Chief of Australian Air Staff, 19 Dec. 1941, Doc. EG; msg., SASO Airboard to Olagett, 24 Dec. 1941, Doc. 57; all in History, 5th AF, App. II.
- 25. Officers at the conference were Sir Charles Burnett, General Clagett, Air Commodore Bladin, Group Ceptain Lachal, and Lajor Ficholl. Fotes on Conferences Held at Amberley, 23 and 29 Dec. 1941 [Motes at Amberley], Doc. 64, in History, 5th AF, App. II. Msg. #312, Adams to CG USAFFI, 27 Dec. 1941; msg. #866, Adams to CG USAFFI, 30 Dec. 1941; History of the 7th Bombardment Group; ltr., Clagett to Chief of Air Staff, 24 Dec. 1941, Doc. 12, in History, 5th AF, App. II.
- 24. Usg., MacArthur to TAG, 15 Dec. 1941; Notes at Amberley. See Appendix 4.
- 25. History of the 27th Group. Lieutenant Heenan was to be the principal instructor in P-40's. It was hoped that he would be assisted by Flying Officer Jackson, who had had considerable experience in flying "Tomahadas." Hotes at Amberley.





- 26. Nsg., Marshall to /USATIA, 25 Dec. 19417, Doc. 47, in History, 5th AF, App. II; msg., MacArthur to ACAAP, 25 Dec. 1941; msg., Brereton to TAG, OP AV 251501 GR033, CONMASTFOR 5, 26 Dec. 1941; msg., Clagett to Brereton, undated, Doc. 76, in History, 5th AF, App. II; msg., Brereton to TAG (cable from Pavy ;CR0369, 23 Dec. 1941). The following aircraft and personnel had been evacuated from the Philippines: 3 B-18's, 14 B-17's, 1 C-39, 2 "requisitioned bi-motored Recencraft"; 16 officers and 8 enlisted men from Hq. FTAF, 30 pilots from 37th Bomb. Gp., 83 officers and 1 enlisted men from the 19th Bomb. Gp. Brereton to TAG, -500630, CR 0328, 31 Dec. 1941.
- 27. Esg., Olsgett to C/S, 31 Dec. 1941, Doc. 77, in History, 5th AF, App. II; msg. 554, Clagett to C/S, 39 Dec. 1941; Arnold to Brett, 25 Dec. 1941. The original route planned for planes with a range of approximately 560 miles: Brisbane or Towns-ville, Cloncurry, /Charlevillg/, Daly Eaters, Darwin, Koepang in Timor, Encassar in Celeces, Balikoppan (or Samarinda II) and Tarahan in Borneo, Del Monte (or Ealabang, Zamboanga, Iwalig). Esg., EacArthur to ACUAR, 2 Dec. 1943, in AG 452.1, Phil.
- 18. Esg. 36, Brett to C/S, 2 Jan. 1940; Notes on Conference held on 3 Jan. 1942, Doc. 33, in History, 5th AF, App. II; msg., Brett to Adm. Glassford, no date, Doc. 60, in History, 5th AF, App. II.
- 29. Memo for EAG by Gerow, 35 Dec. 1941, in OPD 4628, Australia; memo to TAG by Gerow, 2 Jan. 1942, in OPD 4639-29, Sec. I; memo for C/S by Gerow, 3 Jan. 1942, in OPD 4639-29, Sec. I. For the full text of this memorandum see Appendix 5.



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Chapter V

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- Hemo for TAG by Gerow, 31 Dec. 1941, in AG 371 (17-17-41), Sec. I.
- Edgar McInnis, <u>The Mar: Third Year</u>, New York, 1942, 123-125; <u>The O.J.I. Mockly</u>, No. 1, 28 Jan. 1942.
- S. Usg. I.B. 730, Melbourne to MD, 15 Jan. 1942; meno to TAG by Gerov, 2 Jan. 1942, in CPD, 4639 to 4629, Sec. I.
- 4. Edgar HeInnis, The Mar: Third Year, 125-126.
- 5. Interview with Mr. F. D. Van Horn, representative of Standard Oil in the East Indies.
- 6. Ltr., Maj. Gen. L. Van Oyen to S/M Stimson, 15 Nov. 1941, in M-IV-G-5, Netherland Indies.
- 7. Unrecorded interview with Lt. William L. Boon; msgs. 71 and 504, Randoens to '.D, 14 and 11 Dec. 1941; The status of British planes at this time is difficult to determine. A message from Singapore gives the following disposition: at Singapore, the 232 Squadron with 6 Hurricanes; at Tengah, the 4th Army Good Unit with 4 Swordfish and the 453 Squadron with 6 Buffaloes; at Java the 100 and 36 Squadrons combined with 15 Vildebeests; at Palenbang, the 258 and 232 Squadrons combined with 16 Hurricanes: and the 225 Bomber Group at some unidentified location with 10 Eudsons and 12 Blenheims. Msg. #78 from Singapore, 6 Feb. 1942. On 16 February, however, the Combined Chiefs of Staff thought that the following aircraft had reached Supatra from Singapore: the 243, 453, and 483 Squadrons with 13 Buffeloes: the 233, 343, 258, 605 Squadrons with 67 Eurricanes; the 21 Squadron with 13 Elenheims; the 1, 8, and 62 Squadrons with 36 Hudsons; the 27 and 34 Squadrons with 57 Blenheims, the 36 and 100 Squadrons with 17 Vildebeests, and the 205 Squadron with 6 Catalinas. COS 41, 16 Feb. 1942.
- 8. Interview with Col. Hugene L. Eubank; History of the 27th Group; msg., Clagett to TAG, 9 Jan. 1942.
- 9. Hsg. #282, Adams to Brereton, 17 Jan. 1942; msg. #65, Brereton to Arnold, 15 Jan. 1942. By the first week in February it had been decided to transfer one of the pursuit groups, consisting of 80 aircraft, to the FAAT "to meet immediate needs for the defense of the northeast approaches to Australia." Hemo for TAG by Gerow, 4 Feb. 1942, in OPD, 4630-41, Equipment and Troops, Australia (Sec. II).



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- Memo for General /Stanley D.7 Hubick by Arnold, 15 Dec. 1941, 10. in AAG 452.1, Airplanes, Phil.; msg. #727, Adams to CG USAFFE, 20 Dec. 1941; msg. #1/50 to US LA, Lelbourne, 6 Jan. 1942; memo for TAG [orders given by Gen. Arnold], 23 Dec. 1941, in Air AG, SAS 370.5, Phil.; meno for Col. James G. Taylor, AC Intell. Div., by Col. Darl L. Taiden, AC/AS A-3, 23 Dec. 1941, in Air AG, SAS 370, 5, Phil. A message to MacArthur gave more specific information as to the pursuit reinforcements to be excected: "In Brisbane nov are 48 pursuit pilots, 18 pursuit airplanes. . . . Either now on the water or departing 1st week of January for /Australie/ are the remainder of 35th Fursuit Group consisting of one combat squadron and G. Edg. Sqd., 255 additional pursuit planes with 180 coubat crews, two pursuit groups complete with 160 planes, mobile air depot and 10 observation planes with combat crews." Status msc. 2899 to 00 USALFE, 37 Dec. 1941, in AAG II . . Neg.
- Msg. #5, Brett to AGO, 7 Jan. 1943; ms., TAG to US MA, Melbourne, 8 Jan. 1942.
- Hsg. #1/90 to US MA, Melbourne, 6 Jan. 1942; msg. #129, TAG to GG USAFIA, 17 Jan. 1942, in AG 580.81, Sec. 1; <u>AAF in Australia</u>, 39-43; msg. #1/849, Adams to GG USATIA, 15 Jan. 1942; msg., Clagett to TAG, 9 Jan. 1943; ltr., 2d Lt. Robert H. Odell, Asst. MA, to AC/S G-2, 27 Jan. 1943, in AAG 000-800 Misc., Phil.; msg. #19, Java to <u>(TAG</u>, 10 Feb. 1942, in AAG Misc. Msg.
- Msg. "CRC918, Adams to CG US Army Forces, Darwin, 31 Dec. 1941, 13. in AG 580.81, Sec. 1; msg. 5, Adams to CG USAFIA, 1 Jan. 1942; msg. π 57, Melbourne to AGO, 13 Jan. 1942; msg. π 279, Adams to CG USAFIA, 17 Jan. 1942; usg. 2038 ALSEG 268, Cairo to PAG, 22 Jan. 1942; msg. ABIA 170, Java to AGO, 1 Feb. 1942; msg. WABDA 151, Java to AG, 1 Feb. 1942; msg. "ABDA 50 and 173, Eandoeng to AG, 1 and 3, Feb. 1942; msg. Alo, Java to TAG, 7 Feb. 1942; msg. #580.81, GHQ Java to AG, 16 Feb. 1942; msg. #35, GEQ Java to AG, 18 Feb. 1942; usg. #2/389, Adams to CG USAFIA for Gatty, 23 Feb. 1942. It was hoped that a more expeditious ferry route to the Indies and Australia could be established. To survey such a route, Col. Herman H. Pohl, Laj. Harold B. Villis, and a noncommissioned officer left the United States for Cairo on 10 February. They were ordered to begin a survey of the Indian Ocean which might be extended to include the Cococ Islands. Msg. #323, Adams to CG USAFIA, 16 Feb. 1942.
- 14. 19th Group Operations Record.
- 15. On 14 November it was requested that a cable be sent to NacArthur stating: "General Van Oyen, Contanding Dutch East Indies Air Force, arrives Manila December 6th via clipper. Flease meet General Van Oyen and discuss with him thoroughly

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air facilities and situation Dutch East Indies, particularly specific information regarding bases, landing and radio facilities..." RoL, A-2 to AAG, 14 Nov. 1941, in AFIHI files, Misc. Cables. Admiral Hart states that so far as the Asiatic Fleet was concerned, the war began with no commitments toward the British or the Dutch. As a result, the personnel of the fleet were unacquainted with the waters in the Indies and around Malaya, and preparations for tactical operations were incomplete. A series of conferences, however, were held with Adm. Tou Fhillips at Manila during the first week in December. MacArthur was present at this conference until the "conference became strictly mayal in detail." Hart, <u>Carrative of Events</u>.

- 16. Meno for TAG by Gerow, AC/S, 12 Jan. 1942, in OPD 4626, Australia; General Marshall's Biennial Report, 1 July 1941 to 30 June 1943.
- 17. If an officer appealed to his own government, however, he was to notify the supreme commander immediately of his intention to appeal and furnish the supreme commander "by the most expeditious means a copy of the appeal." <u>Ibia</u>.
- 18. <u>Ibid</u>; msc. #1/90, to MA, Melbourne, 6 Jan. 1942. ABDACON officially reforred to the Supreme Contand in the ABDA area. But it is used frequently for the ABDA Contand in general or for the ABDA contander in particular.
- Hsg. #00048, from Wavell, 14 Jan. 1940; msg. #160418, COLINGA to OLNOAF (for Cavell from the President), Incl. (b) to COLINGA memo of 16 Jan. 1940; memo by Gerow, inclosing draft of msg., COS to Cavell, 16 Jan. 1943; memo for Adm. Ming by Lorshall, 16 Jan. 1940; all citations in OFD 4639-29, Sec. I.
- Eno for C/S by Cerou, AC/S, 4 Jan. 1942, in OPD 4639-29, Sec. I; BSG. 540, Brett to LILID, 5 Jan. 1943; BSG. #24, Brett to Earshall, 18 Feb. 1942; BSG. 554, Brett to Arnold, 19 Feb. 1942.
- 21. Msg., ABDACCH to Marshall, 12 Jan. 1942; msg. #195, Barnes to FAG, 10 Feb. 1942; msg. #1, Erett to TAG, 6 Jan. 1942; msg. #1/92, Arnold to Brett, no date; memo for AG, 12 Jan. 1942, sent as msg. #51 to Brett, in ABDA (Java) 1942.
- 22. Msg. MAF 1/209, 13 Jan. 1942; msg. g00071, moDAGON to British Army Staff, Mashington (Wavell to Marsh 11), 16 Jan. 1943, in OPD 4632-29, Sec. I; msg., Brett to Marshall, g381, 16 Jan. 1943; msg. ABDA 7, Brett to Marshall, 17 Jan. 1942, in AG 371 (12-17-41) Sec. I, Field Operations in Australia; msg. g0190545 GR 0899, GINCAF to AGMAR, 20 Jan. 1942.



23. The "Mar Department radio of 17 January" was paraphrased in a newo for TAG by General Gerow, 27 Jan. 1942, in OPD 4623, Australia; msg. (0190545 CR 0899, CINOAF to AGMAR, 20 Jan. 1942; msg. (A50, Zarnes to AG, 29 Jan. 1943. An earlier message to Brett had stated that his duties as supreme commander were not to include "direct resooncibilities" for the control and operation of American forces, but that he would represent U. S. Army

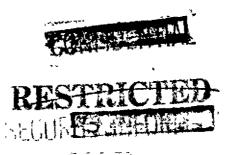
interests at ADDA headquarters. Nemo for the AG, 12 Jan. 1943.

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34. Admiral Eart also states that too much consideration was given to the Malayan campaign in the earlier conferences of ABDACOM, Hart, <u>Marrative of Events</u>. Memo by Gerow, 27 Jan. 1942, in OPD 4623, Australia; msg., Brett to AG, 31 Jan. 1942.

sent as msg. #51 to Brett, in Abda (Java) 1947.

- 25. <u>Ibid.</u>; mean for TAG by Gerow, 27 Jan. 1942, draft of msg. to be sent from Marshall to Brereton, in OFD 4628, Australia; memo to TAG by Gerow, 30 Jan. 1942, draft of msg., Marshall to CG USAFIA, in OFD 4628, Australia. Barnes replied to Marshall that he was following the provisions of FA 100-10 regarding the duties of a communder of a service of supply. He added that his mission regarding logistical support of Brereton and Maison with him was being carried out to the fullest extent of the available equipment and supplies. Msg. #433, Barnes to TAG, 31 Jan. 1943, in AG 371 (12-17-41) Sec. I, Field Operations in Australia.
- 23. Massimum and a bassy London, "Secret and Personal for the former neval person from the President," 30 Jan. 1942, in OPD 4630-29, Sec. I; msg., Erett to TAG, 6 Jan. 1942; msg. [17], Brett for 0/S, 9 Jan. 1943; msg., Java to AG, 2 Feb. 1942; msg. #19. Bendoeng to AG, 2 Feb. 1942; msg. #8, Brett to Marshall, in AG 371 (12-17-41) Sec. 2, Field Cherations in Australia; memo for TAG by Bisenhover, 4 Feb. 1942, in AG 371 (12-17-41) Sec. 2, Tield Cheratica, mass. #9, Adams to ABDACOL, 9 Feb. 1942, in AG 371 (12-17-41), Sec. 1; memo for TAG by Disenhover, 10 Feb. 1942, in AG 371 (12-17-41), Sec. 1; memo for TAG by Disenhover, 10 Feb. 1942, in AG 371 (12-17-41), Sec. 2; LSG. #273, Barnes to AG, 12 Feb. 1942; msg. #24, Brett to Marshall, 18 Feb. 1942; msg. (54, Brett to Arnold, 19 Feb. 1942; Admiral Hart did not have success in his efforts to cooperate with Peirse. Hart claimed that Peirse had not been trained in methods of cooperation between planet and ships. Hart, <u>Extrative of Events</u>.



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- 1. Hart, <u>Marrativo of Events</u>.
- 2. Far East Air Force Headquarters Diary, Doc. 38, in History, 5th AF, App. II.
- The Java Sea Carmaign, 12; interview with Lt. Col. E. E. Northcutt; teletype di, Bandoeng to G-2, 13 Jan. 1942.
- 4. 19th Group Operations Pecord; GO #11, Hq. 5th AF, 30 Sep. 1942. A captured Japanese diary has an entry of 4 January 1942 which states that the heavy cruiser <u>Myoko</u> had been bombed off Malalag in Davao Bay, that it was returning to Sasebo, damaged and with casualties. Ens. Toshio Nakamura's Notebook, Joint Intell. Center, POA, Navy #128.
- 5. 19th Group Operations Record.
- <u>Ibid.</u>; 60 #2, Hq. SMP Cond., Lembang, Java, 15 Feb. 1942; 60 #11, Hq. 5th AF, 30 Sec. 1942; msg. #34, lineArthur to AG#AR, 11 Jan. 1942; msg. #52, Helbourne to VD, 12 Jan. 1942.
- Hsg. #36, Helbourne to LD, 9 Jan. 1940; Havy nsg. #101001, CR 0002, Brett to TAG, 10 Jan. 1940; Hart, <u>Marrative of Events</u>; <u>The Java Sea Campaign</u>, 14-15; <u>0.1.1. Meekly</u>, 41, 28 Jan. 1943, 10-11.
- GO #27, GHA S.PA, 1 Sec. 1943; naval msg. #150237, CR 0142, CINCAF to TAG, 13 Jan. 1942; 19th Group Operations Record.
- 9. Unrecorded interview with Conduct Combs.
- GO #41, Hq. Allied Air Forces, SAFA, 26 Aug. 1942; GO #27, GHQ SMFA, 1 Sep. 1942; msg. #301, Brereton to MD, 18 Jan. 1942; 19th Group Operations Record.
- 11. Ibid.
- 12. Ibid.; History, 19th Bonbardsent, 8-31 Dec. 1941.
- <u>The Java Sea Carpeien</u>, 14-15; Eart. <u>larrative of Events</u>; newo by Gerov, 27 Jan. 1942, in CPD 4628, Australia; 19th Group Operations Record.
- <u>Ibid.</u>; G0 #36, 538, and #52, Hg. 5th AF, 31 Oct. 2 and 18 Dec. 1943; G0 #45, Hg. Allied Air Forces, S.PA, 3 Sep. 1942; G0 #16, Hg. FELF, Bandoeng, 12 Feb. 1942; G0 #27, GEQ S.PA, 1 Sep. 1942.





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- GO #2, Eq. SWP Cond., Lembang, Java, 15 Feb. 1942; GO #16, Eq. FMUE, Eandoeng, 12 Feb. 1943; GO #33 and .52, Eq. 5th AF, 2 and 18 Dec. 1943; mag. #1, Bandoeng to VD, 20 Jan. 1942; GO #34, GMQ SWPA, 15 Sep. 1942; 19th Group Operations Record.
- <u>Ibid.</u>; GO #2, SUP Cond., Lembang, 15 Feb. 1942; msg. 92, NacArthur to ASUAL, 20 Jun. 1942.
- 17. Interview with Capt. Vincent L. Snyder; 19th Group Operations Record.
- <u>Ibid.</u>; Erady interview. The two squadrons of the 7th Group, the lith and 23d, sailed on the USS <u>Fresident Polk</u>. Eistory of the 7th Bombardment Group (E).
- 19. 19th Group Operations Record.
- 20. Esg. w1. Drett to Exchall, 12 Feb. 1943; Fisher Report; Brady interview; unrecorded interview with Lt. Milliam E. Boom.
- 21. Ibid.; msg. 220, Arnold to Brereton, 39 Jan. 1943.
- History of the 7th Boldardment Group; Brady Interview; msg., Magner, Mahoney, Strauss / to 10/, 1 Teb. 1942, Doc. 65, in History, 5th AF, Apo. II.
- 23. Report of the 17th Pursuit Squadron (Provisional), Activity in Java /17th Pursuit Squadron/. Sprague had been evacuated from the Philippines where he had been stationed since April or May 1941. Msg., Uhio to 06 Hamilton Field, 10 Apr. 1941, in AF 201, Sprague. The story goes that Sprague flipped a coin with "Duzz" Magner for the honor of commanding the new squadron. Sprague won. George Weller, "Luch to the Fighters," in <u>Military Affairs</u>, ViII, No. 4, Minter 1944 /Weller/, 268.
- 24. 17th Pursuit Squadron.
- 25. Ibid.
- 26. <u>Ibid.</u>; interview with Maj. Aland D. Loore. Opl. Henneth Perry who kept a journal of his experiences in Java Lives the following description of how he was "ordered" to Java: "Late in January the 'unholy ten,' as we called ourselves, was born. There were ten of us, five armorers, five crew calefs sitting in a tent one night having a beer and wondering where some of our men had gone that had been sent out by air transport a few days before, when we were interrupted by the appearance of a lieutenant at the door. He wanted to know where Sergeant Melly . . . was sleeping. We told him Melly was in town, so he asked us to tell him to have







ten men ready to take off at 5:30 AP. We said okay and he left, but after he'd gone we had a bright idea. "Let's us take that ride ourselves," one of the fellows said. "We wont tell anybody. We'll just hop that plane and take off." So we agreed and it was settled. At 4:00 API I was weltened, so I dressed, picked up my barracks bag and lugged it down to the plane. Then we had breakfast and as soon as dawn broke, took off. The barracks bag and field bag were all we had with us now. . . . So we were on our way, somewhere." Weller, 271.

- Msg. (00320 and (000331, ABDACOM to Mar Office, 24 and 26 Jan. 1942; msg. (28, Bandoeng to (D, 20 Jan. 1942; msg. (28, Bandoeng to (D, 22 Jan. 1942; msg. (24734 and (41749, London to MD, 22 and 23 Jan. 1942; The Java Sea Campaign, 16-34.
- 28. Ibid.
- 29. Msg., ABDACC. to MD, 23 Jan. 1943; GO #33, He, Allied Air Forces, SwRA, 22 July 1942; GO #2, He. SMP Cond., Lembang, 15 Feb. 1942; CO #16, He. FRAF, Bandoeng, 12 Feb. 1942. In a raid of 31 Jan. over Balikpapan, although no boxbing was carried out, a formation of six B-17's was attached by encay purchist, and 7/Sgt. John A. Potters was killed. GO #6, He. 5th AF, 10 Sep. 1942; ltr., Lt. Col. Marl TrucsCell, Jr. to Tog. 17 Lar. 1942, reporting an interview with Maj. Paul Davis, in DM 9910, A-2 Lib.; 19th Group Operations Record.
- Msg. , %, Bandoong to 'D, 35 Jan. 1942; msg. 1, Bandoong to DD, 23 Jan. 1943; interview with Lt. Frank F. Lawrence; Brady interview; 19th Group Operations Record.
- 31. Ibid.
- 32. <u>Ibid.</u>; Itr., Lt. Col. Mark Truesdell to Ton, 17 Mar. 1942; naval msg. F 35 from CLNO Asiatic Flect, 4 Feb. 1942. In addition to Straubel, Col. Milliar E. Murchy, Lt. Glenn H. Boes, Lt. Irvin Roy Friel, and Sgt. George V. Fichett were killed. These men were radio and radar specialists. Weller, 295.
- 33. 17th Fursuit Squadron. Dutch pursuits also engaged the Jop planes in this raid. But the clow Brevsters and Curtiss's were no match for the Zero, and at least six Futch planes were shot down. All their pilots parachuted safely to the ground. Weller, 237.
- 34. Msg. 251, Brett to Marshall, 7 Feb. 1942, in AG 381 (11-27-41), Sec. 2A; Lt. Col. John A. Rouse Diary: 19th Group Operations Record. SECURACION





35. Msg. 33, from Bondolong, 4 Peb. 1943; nsg. ABDA 153, Dondolong to TAG, 1 Peb. 1942; The Java See Compairs.

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- 36. Ibid.; Lone interview; Diary of Lt. Paul E. Cambonini.
- <u>Ibid.</u>; msg. 421, Jova to TAG, 9 Feb. 1942; msg. 41, from Landoeng,
 6 Feb. 1942; 60 #12, Hg. Allied Air Forces, ShFA, 25 May 1942;
 G0 #20, GHQ ShFA, 27 Aug. 1942; 17th Furguit Squadron.
- 38. Mcg. 525, Java to IAC, 9 Feb. 1942; 19th Group Operations Record.
- <u>Ibid.</u>; 10g. (2 fro. Bandoeng, 2 Feb. 1943; 60 #27, 6Ey SLPA, 1 Sep. 1942; 60 #35, 6E4 SLPA, 16 Sep. 1942; 60 #4, 11, 20, 26, 37, 38, 52, 5th AF, 6, 30 Sep., 13, 31 Oct., 27 Hov., 2, 18 Dec. 1942.
- 40. 19th Group Operations Record.
- 41. Eart, <u>Intrative of Events</u>; The Java See <u>Gamonis</u>; msg. fl, from Eandoeng, 4 Teb. 1943; msg. #2, Thorpe to <u>/TAG</u>, 5 Feb. 1942; msg. from F-35 Nevy, CO.L.W. S.MAC, filed 7 Feb. 1947; msg. #24 from Brin's, 13 Feb. 1942; msg. [3 from Thorpe, 15 Feb. 1942; msg. fl2 from ADAACO.], O Feb. 1942.
- Brady interview; Eart, <u>Carrative of Events</u>; 19th Group Operations Record; 19th Bombardment Croup Diary Dec. 8, 1941-Feb. 24, 1942, in History, 19th Bombardment /19th Group Diary/.
- 43. 19th Group Operations Record.
- 44. "Following message has been repeated to Helbourne, Havaii, and Adler, Gairo. Lauediately forward all aircraft, Sourabaya has been attached." Mag. 1, Brott to EAG, C Feb. 1942; usg. .762. Gairo to TAC, 4 Feb. 1942; usg. .13, Brett to TAG, 10 Feb. 1942; Brady interview.
- 45. From 9 to 30 Tebruary, 10 2-17's and 1 L3-50 arrived via the African route, 1 B-17 and 1 L2-50 via the Facific route. Cast. Gecil C. Enudsen's Diary, in Eistory, 19th Bombardment /Enudsen Diary/, 7 Feb. 1942. 19th Group Operations Record; 17th Fursuit Squaaron; Combonini Diary.
- 46. Two P-40's were washed out between 10 and 12 February. <u>Ibid</u>; ltr., Maj. John H. Davles to CO, 91st Bomb. Sq., 5 Feb. 1942, in History of the 27th Group; msg. 7, Brett to AGMAR, 11 Feb. 1942; Fisher Report.
- 47. Ibid.; Line interviev; 17th Pursuit Squadron.
- 48. An award of a Silver Star to Lt. Huber I. Spenes credits him with having bombed the Falembang airfield and shooting down a Japanese plane, but according to the citation this action took place on 14 February. GO #08, Hq. 5th AF, 2.Dec. 1942. 17th Purguit Squairon.

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- 49. 1153., ABEA0011 #0135 [to TAG], 17 Feb. 1943; mag. #10, Java to AGMAR, 19 Feb. 1942; Eistory of the 27th Croup.
- 50. <u>Ibid</u>.
- 17th Furguit Squadron; GJ 727, Hq. Allied Air Forces, STPA,
 11 July 1942; GO #11, Hq. 5th AF, 50 Sop. 1942; Gaubonini Diary.
- 52. The fidicen airdrome was located approximately 6 miles west of the city. There were three hangars which would accommodate three heavy bonbers each. Other planes could be parked on mats near the hangars. Northcutt interview. 19th Group Operations Record; 19th Group Diary.
- Us. <u>Ibid.</u>; 19th Group Operations Record; History of the 27th Group;
 GJ E. E. S.F Cond., Lembang, 15 Feb. 1942. The order giving Galusha a DFC for an action which too': place on 19 February was dated on 15 February. GO #20, Eq. Allied Air Forces, 20 June 1942.
- 54. Msg. 233 from Java, 20 Feb. 1942; 19th Group Operations Record; 60 540, 6HQ SUFA, 3 Cot. 1942; 60 500 and 335, Hq. 5th AF, 12 Cot. and 2 Dec. 1942; 17th Pursuit Squadron; Gaubonini Diary.
- Ilsg. #2466, Fort Shafter to TAG, 27 Feb. 1942; 60 #27, 6EQ SUPA, 1 Sep. 1942.
- 57. <u>Ibid.</u>; nsg. #78, Melbourne to LIUD, 20 Feb. 1940; msg. #293, Melbourne to AGLER, 20 Feb. 1942; msg. #293, Melbourne to AG, 20 Feb. 1942; msg. #203, Melbourne to AG, 21 Feb. 1942. The Maune Lon, Melgs. Fulcai, and Fortwar escorted by the cruiser Ernston and the destroyer <u>Peary</u> had set out from Darwin on 15 February louded down with troops to reinforce Dimor. On the following day, the convoy was attacked by Jap planes which drove it back to Darwin. The Java Sea Campaisn, 35-35. One account stated that the first boat to leave Darwin after the 19 February bonding carried the SoSth Engineer Battalion, which had been constructing airfields near Earwin, to Fort Moresby early in July 1943. Unrecorded Interview with Maj. John T. Trotter, SoSth Eng. Bn.

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Chapter VII

- 1. Msg. 331, GHQ Java to AGO (Erett for Arnola), 18 Yeb. 1943.
- 3. Ibid.; Brady interview; msg. 33, from Bandbeng, 20 Feb. 1943; Msg. "AG 331, 13 Feb. 1942, Breti to Arnold.
- S. MSG. (27, Brott to TAG, 17 Feb. 1943; nrg). (ABDA 448A, Brett to TAG, 18 Feb. 1942.
- K.F. MAY A-4 to ATF Heg. Center, draft of meg. to be sent to Brett, 19 Feb. 1342, in AAG Misc. Meg.; memo to C/S by ATF (unsigned), 20 Feb. 1943, in W-IV-D-4, Dec. 1941 to Dec. 1943, India.
- Msgs. 52, 5, and 12, Java to AGaaR, 20, 21, and 20 Feb. 1942; msg. "48, Java to FAG, 21 Feb. 1942; Asp. ABDA 530, Java to FAG, 23 Feb. 1942.
- Hsg., Admiralty to B.A.D. Cashington, 23 Teb. 1943, in C.P.S 19/D, 04 Leb. 1942; msg. 202076, Navell to Britman for COS, 22 Feb. 1942, in C.F.S. 19/D, 24 Teb. 1942; msg. ABDA 550, Brett to TAG, 33 Feb. 1942; msg. 20FX, Java to AGO, 25 Feb. 1942.
- Msg., Lt. Gov. H. J. Van Mool: to Marshall, 22 Teb. 1942, in CPD 4639-30, Sec. II.
- 5. Hemo to TAG by Higgshover, 03 Feb. 1943, draft of msg. Exceptions in to Brett, in AG 371 (12-17-41), Sec. 3, Field Operations in Australia; msg. 202132, ABDAGON to 005, 23 Feb. 1943, in C.P.S. 19/D, 24 Feb. 1943; memo for ZAG by Läcenhover, 24 Feb. 1943, draft of msg. Earshall to U. S. MA, Batavia, to be delivered to Lt. Gov. E. J. Van Noch, in OPD 4632-39, Sec. II.
- Ltr., Arnold to Haynes, 21 Feb. 1942, in 'P-IV-D-4, India, Dec. 1941-Tec. 1943; memo for C/S by Col. George, 23 Feb. 1942, in W-IV-D-4, India, Dec. 1941-Dec. 1942; memo for TAG by Misenhower. 24 Feb. 1942, draft of msg. Marshall to CG USLFFS, in CPD 4639-30 Sec. II; memo for TAG by Misenhower, 35 Feb. 1942, draft of msg. to CG USAFIA, in OPD 4639-30, Sec. II; memo for TAG, 26 Feb. 1942. draft of msg. to CG USAFIA.
- 10. Lsg., Brereton to Marshall, 27 Feb. 1942; AAF in Australia, 26.
- 11. The Java Sea Caupaign, 40-44; 19th Group Operations Record; 19th Group Disry.





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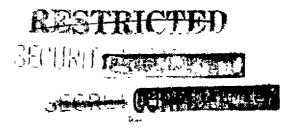
- 12. Ibid.; 19th Group Operations Record; Mistor: of the 27th Group; 17th Pursuit Squadron.
- <u>Ibid.</u>; G0 27, Eq. SMP Co.d., Lembong, 15 Deb. 1942; Itr. Laj. W. F. Smith to Mrs. Sprague, 14 Apr. 1943, in AF 201, Sprague; Cambonini Diary.
- 14. Mistory of the 27th Group: 19th Group Operations Record; 60, 30, My. Allied Lir Force, S.Ra, 30 June 1913.
- 15. Fous. Etury; 19th Group Livry.
- 16. Ibid.; 19th Group Operations Record.
- 17. 17th Furrult Coundron; 20 237, Eq. Allied Air Forces, 11 July 1942;
 CC 200, CH., S.FA, 10 Ang. 1940; 60 10 and 200, Hg. 5th aF, 020ep.
 and LO 066. 1940; Cambonini Diary.
- <u>The June Seri Charrier</u>; 185., 00.1.000 ADDA, 1 Mar. 1940; <u>nsc.</u> 404, helbourne to A60, 3 her. 1940; nsc. 205, <u>sans origine / Erstt</u>/ te DAG, 5 Nor. 1940; nog. from F-55 Navy Jource, 6 Nor. 1940.
- Just that represed to the F-60's abound the <u>Sounitch</u> has been i possible to determine. Apparently after the planes were unloaded, the this escaped to Asstralia. The planes, still cruted, were probably destroyed by the Eutoh Sefere the Jess arrived. The Jess Section, 49-59.
- 20. 17th Fursuit Squidron; 19th Group Cherchions Fecord; Gambonini Diary.
- 21. The figures of the covering force are sporonicate. "The <u>limiter</u> reported 1 energy cruiter and 4 destroyers in this locality and later 3 cruiters and 4 destroyers. The <u>licetra</u> reported 3 battleships (really heavy cruiters), 1 cruiter, and 6 destroyers; and later 1 cruiter and a large number of infiniteduct ships. The <u>limiter</u> made one report of sometered forces consisting of 4 cruiters and 14 destroyers." The <u>live Sectores</u> and 14 destroyers. "The <u>live Sectores</u> consisting of 4 cruiters and 14 destroyers."
- 22. <u>Ibid.</u>, 59-61.
- 23. <u>Idiá</u>.
- GO .12, Mg. Allied Air Jorces, SJPA, 7E Jay 1942; O .51, Mg. 5th AJ, 51 Dec. 1942; Jourse Divry; Hundsen Divry.
- The Jawa Son Samphirn, SI; Calle by L.J. Million T. Fisher, 20 Jar. 1940, in AAN 305, Marfare; Fisher Report; 60 1977, Mg. Allied Air Forces, S.WA, 11 July 1943; 60 425, 64, USPA, 27 Aug. 1942; 17th Pursuit Southron; Gendonial Linzy.



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- 26. <u>Ibid.</u>; Fisher Report; Edward C. Verington, The Evacuation of Java, in 435th Cverseas, in History, 19th Bombardment; 17th Fursuit Squadron.
- 37. <u>Ibid.</u>; ltr., Maj. Gen. H. L. Coorge to OG AAF, 15 Jan. 1944, in AF 301 Kestor; GO WSD, MD, 8 Apr. 1944. Capt. Secil G. Mnudsen claims that he took the machine gun from the butch pilot, and shot the enemy plane down himself. Anudsen Diary. Ltr., Lt. Col. Marl Truesdell, Jr. to Ton, 17 Mar. 1943; Rouse Diary.
- <u>AAF in Austrelia</u>, 7-8, 33, 44; msg. "Ol31 from London, 8 Mar. 1943; Erady interview.



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Chapter VIII

- lisg. 433 sans origine to FAG. 2 Mar. 1942, in AG 381 (11-27-41). Sec. 3, Far Eastern Situation.
- Novy Esg. AEDA 74, to ALUSIA Helbourne (for Brereton), 25 Jan. 1943; msg. #220, Chung'ting to TAG, 25 Jan. 1942; msg. -15, Java to AGO, 13 Teb. 1942; msg. #295, Helbourne to AGMAR, 20 Feb. 1942; msg. 4483, <u>sone origine</u> to EAG, 4 Har. 1940; msg. #600, Mainwright to FAG, 26 Har. 1943; Ceneral Harshall's Siennial Report, 1 July 1941 to 30 June 1943.
- Msg. "535, Australia to AGAR, 30 Apr. 1942; S0 #26, DD, 30 Jan. 1942; msg., Arnold to Brett, 26 Jan. 1942, in AG 320.2 (1-26-42). Hise.; msg. "2/31. TAG to AEDACOL., 2 Feb. 1942; Itr., TAG to 36's. Caribbean Lefease Cond., Alaska Defense Cond., Hawalian, and Fhilippine Depts., 5 Feb. 1942; msg. "3, Java to AG, 13 Feb. 1942; GO "33, GMA S.PA, 3 Sep. 1942.
- 4. Esg. 2005, EacArthur to AG, 5 Feb. 1942; msg. 2413, Fort Lills to AGO, 4 Mar. 1942; msg., Arnold to LacArthur, 4 Mar. 1942, in AG 381 (11-27-41), Sec. 3, Far Eastern Situation; GO 239 and 240, Hq. USAFFE, 12 Mar. 1949; Eistory, O4th Fursuit; combat report of Capt. William M. Pove; statement of Maj. Stevart Hobb. Encarthur claimed that there were no air losses in the 2 March raid and stated: "In the action we had only 4 worn-out F-40's and to encode all of them to divebond with 600-1b. bonde, I had them rigged with a special coring device improvised here." Hsg. 2419, LacArthur to AGAE, 5 Lar. 1942.
- 5. History, Ath Fursuit; statement of Eaj. Stewart Robb. For the first nonth after the evacuation to Zataan, the health of the troops was surprisingly good. But by Earch, malaria and dysentery had become uncontrollable. Lt. Col. Milliam J. Mennard, Report on Fhilippine and Australian Activities, 14 Yov, 1940, in AAG 726.1 Wulk, Reports of Mir Surgeon. Combat reports of Capt. Milliam H. Rowe; GO 537, He. USAFIA, Melbourne, 5 Apr. 1942; GO 526, CH. SMFA, 23 Lug, 1942. See Appendix 6. Statement of Lt. Col. Pay T. Elspore.
- <u>Ibid.</u>; nsg. _20, MacArthur to TAG, 7 Jan. 1942; nsg. _116, Ft. 1411s to AS, C4 Jan. 1942; Report on Mirdromes, 1 Feb. 1942, and Supplemental Report on Mirfields, 1 Mar. 1942. Fields had existed at almost all of these points prior to the var but they had needed much improvement. Interview with Col. Socil Combs.
- 7. Elsnore statement.





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- 8. Mers. #43, 103, 167, 341, Ft. Mills to TAC, 13, 25, 31 Jan. and 23 Feb. 1943. Early in February Earshall informed H carthur that there use always the possibility that Stalin would feel free to consider action in the Praific. Hence for TAG by Gerov, 3 Feb. 1942. draft of as. Marshall to MacArthur, in OPD 4639-30, Sec. II. Lacarthur in usc. 343, Fort Lills to FAG, C2 Seb. 1943 radioed the following message to be published in Eussian newspaners: "All of the reat military compaients of the past are well move to ne. I have had the honor to fight for my country in many wars and have personally observed many more, but I have nover known of so great. so monumental a military effort as the one the Arry and people of Russic are now making. The outstanding military offort of all time ic theirs. The Eussian Army is truly phenomenal, as domonstrated by their obility to withstand the most powerful offensives that Genuny could deliver and their initiating in turn, an irresistable counter offensive on a scale nover before atterpted. The trust and hopes of the entire civilized world ride on their banners."
- 9. General Murshall's Biennial Potort, 1 July 1943 to 30 June 1945; nsg., Hq. USATE, Fort Mills to Sharo, Del Lonte for Macarthur sgd. Lorsholl, 15 Mer. 1942; mag., Hq. USAFAL, Fort Mills to Sharp, Del Monte for MacArthur, 16 .ar. 1940, in AG 511.33. Sixteen officers and 1 enlisted han accompanied licearthur and his wife, son, and son's nurse. The General officers included were Maj. Gen. Richard K. Eutherland, Chief of Staff, Brig. Gen. Spencer B. Akin, Signal Officer; Drig. Gen. Richard J. Ihrshall, Deputy Chief of Staff, Brig. Gen. Millian F. Marquat, AA Officer; Brig. Gen. Harold H. George, Air Officor; and Brig. Gen. Hugh J. Casey, Engineer. Just a week after the MacArthur evacuation, three E-17's once more made the trip to Del Monte and brought out Fresident Quezon, his family, and stuff. The crews on this triv were completely different from those of the previous week with the notable exception of the navigators, 2d Lts. Herbert S. Hobley, Jack L. Carleon, and Robert R. Carruthers. History of the 435th Scuadron. GD 237, Eq. USAFIA, 5 Apr. 1942.
- 10. At Tel Monte, for example, there were 2 F-35's, 5 F-40's, and 1 F-12, and 2 FT-15's. These aircraft corried out numerous reconnuissance and strafing missions. Elemone statement: Robb statement. The most publicized air operations during April were those directed by Brig. Gen. Kelph Royce. Between 13 and 14 April. 5 F-17's and 10 E-20's flew from Dorwin, Australia, corried out a series of missions in the Fhilippines similar at least 4 energy transports, and returned to Australia without the loss of a man and with the loss of only a single B-17 on the ground. AAT in Australia, 62-64. See Appendix 7.
- 11. Meno for C/S by Spartz, 13 Nov. 1941, in Air AG SAS 320.2, Fhil.; meno for Marshall by Maj. Gen. J. A. Green, 5 Nov. 1941, in AG 320.2 (7-25-41), Sec. 3; nsg. 4548, AC to CG USATEL, 17 Nov. 1941, in AG 320.2 (7-38-41), Sec. 3; nsg. 291, LacArthur to AG, 27 Nov. 1941, in AG 320.2 (7-38-41), Sec. 5: aA in the Thilippines, Doc. 24, in History, 5th Action II Ref. Strategies. 1991.

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- 12. Eart, Marrotive of Events; Brady interview. See Appendix 3. "Just before the war started the /27th/ Group had been busy filling sand bass and building revetments at Mielson for our planes when they came (they were always coming around the mountain). We filled 100,000 and Ed Backus went down to draw another 150,000. Less than 500 were available. This was two days before the war started. Ed went in to see the Col. in charge of the depot and asked if they couldn't be procured for us. The Col. Laushed and said, Well, we have authority to buy then locally and local manufacturers can furnish us about 100,000 a week. But I don't think there's enough of an emergency now to justify spending Gov't funds for that purpose'." History of the 27th Group. "Unfortunately during November and early December as we were propuring for eventual war it was the general opinion that we would not see actual hostilities until probably April 1st, at the carliest. With this in mind the termo of building fields did not get into full sking, although every atteant by the Air Corps was hade to gear up the organization which was charged with these responsibilities. Many officers remarked repeatedly that now was the time for mortial law; now was the time to take over all existing civilian equipment and facilities for the building of eilitary installations, particularly of air fields. But such a complacency as existed did not period military control of these vital installations and equipment; in fact, after December 7th many Leans were never utilized for the full war effort. However, flying strips wore constructed in days after Lecender 7, which previously would have required months spent in debating as to location and obtaining leases for the use of the land. The lack of a great number of dispersed airdromet was our greatest need before the war and proved to be the greatest handicap afterwards." it. Col. William J. lenard, Report on Philippines and Australian Activities, 14 Nov. 1942, in AAG bull, Reports of Air Surgeon. "After December 5, we found that runnars five to seven thousand feet in length and suitable for heavy bonbardment could be built in from two to three yeeks. Between the period from December 8 to December 24, there was built in central and southern Lucon approximately twenty such airports. This program was the direct regult of the activity of Colonel Harold H. George." Backes interview.
- 13. Digest of the Air Phase in the Fhilippince, in AuG 000-800, Lise. Phil.; 19th Group Operations Records; Activity of the 24th Pursuit Group in the Fhilippines and Java. All figures on early operations must be used with caution as accurate records are not available.
- 14. Ibid.; Ficher Report.
- 15. Of 29 pilots assigned to the 35th Fursuit Group during the last week in February, 27 had never been in a gursuit plane. Also, 95 out of 102 pilots assigned to the 49th Group were similarly untrained. Hsg. 503, <u>sans origine</u> to TAC, 5 Mar. 1943. This angored the command in Java and Australia, because they believed that trained pursuit pilots were being hept on the Mest Coast of the United States. Brad;" interview.

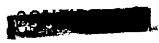
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- 16. 19th Group Operations Record.
- Mog., Fort Lills to AGMAI, 19 Mar. 1942, in AC 311.03 (3-19-42); nsg. Maquila 5, Brereton to AGME, 29 Mar. 1942; Tactical Lessons from Aircraft in Combat, 27 Mar. 1942, Doc. 22, in History, 5th AF, App. II.
- <u>Ibid.</u>; intervieus with Lij. Frank F. Bostro., Lij. Edward C. Teats, Capt. H. C. Suelser, Lt. Robert A. Frenkle; Capt. E. S. Green; LSG. AEDI 455, Java to MaG, 19 Feb. 1942; msg. #ABDA 37DX, Java to IAG, 17 Feb. 1942.
- 19. History of the 27th Group; interview with Maj. John Davies; msg., Adams to CC USAF, Derwin, 5 Jan. 1942.
- 20. Fisher Report; msg. #2 from Eandoeng, 12 Teb. 1940; msg. #17, Java to TAG, 19 Feb. 1942; msg. #389, Adams to 66 USITIA, 83 Feb. 1942; report by Col. "1111an Lane, Information of tastical value on Japanese Navy "0" Tighters, in "FIHI files.
- 21. Msg., Monila to TAG, 10 Dec. 1941.







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SAS	320.3	Thilippines
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351 (11-13-40) Sec. 1 381 (11-27-41)	USAF in the Far Inst General
581 (11-37-41) Sec. 2A	
351 (11-27-41) Sec. 3	Far Instern Situation
452.1 (9-10-41) Sec.1.2	Flight of B-17 Mircraft
452.1 (10-28-41)	Flight of B-17 Aircraft
530.31 Sec. 1	
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	Islands

AC/AS, Plans

Office Services Branch

й.Э.	II-0-3	Havaiian Islands
. P.	II_C_5	lidway Island
3.2.	IV-G-5	Tethorlands Indies
7.P.	IV-D-4	India

Var Department General Staff

Operations Division

The documents pertaining to the Philippines and the Fetherlands East Indies, which were used with the special pertission of CPD, are filed in the AGO Classified Files.

CPD	4603	Australia
OPD	4 639-39	Section 1
07D	4633-41	Equipment and Proops, Australia Sec. II
CPD	<u>4630–30</u>	Section 2

Cable Lossages

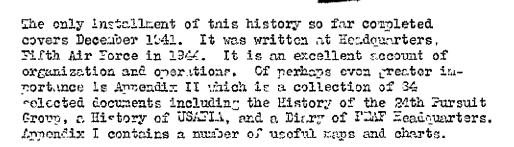
For this carly period, cable accessages are useful in determining policies and organizational changes. They are not particularly valuable for operations since they rarely indicate dates of action, and figures given are extreally inaccurate. Unless otherwise indicated in the notes, all accesses were found either in the AF Ressage Center or in AFIAT files.

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History of the Fifth Air Force (and its predecessors), Part I, Peceaber 1941 to August 1943.





History of the V Flighter Command.

Slight, and usoful only for a few administrative details.

History of the 7th Bonbardment Group (H)

For this period concerned only with the ground echelon.

Eistory of the 19th Bombardment Group (4)

Of most importance in this collection of documents are Appendix 3 and the Diary of Operations of the 19th Group in Java. Appendix B is a "Consolidation of 19th Bombardment Gp. operations records." It covers the period from 7 December 1941 to 24 February 1942 and includes operations of the 19th, the 7th, and the 27th Groups. It therefore amounts to a daily diary of the Y Bomber Command. Important daily excerpts from this document are to be found in Appendix II of the History of the Fifth Air Force. These excerpts extend the diary through C March 1942. The following documents in addition to the two noted above and a number of short group histories are in the collection:

History of the 25th Bombardment Squadron
History of the 35th Bombardment Squadron
History of the 95d Lombardment Squadron
History of the 435th Bombardment Squadron
The 435th Overseas
Gool, Maj. Paul E. Excerpts from a diary hept in Java and Australia, 1 January-10 December 1943.
Mundsen, Capt. Cecil C. A diary hept in Java and Australia, 1 January-27 December 1942.

Activity of the 24th Pursuit Group in the Failippines and Java.

This contains the story of the operations of the 24th Pursuit Group in the Philippines and the 17th Pursuit Squadron (Provisional) in Java together with rosters and statistics. The Report of the 17th Pursuit Squadron is also to be found in the Intelligence Library, AC/AS, Intelligence, Collection Division

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History of the 27th Eonbardment Group (L)

Diary of Maj. Faul B. Ganbonini, 39 January to 1 March 1943

This document was furnished the Historical Division by Injor Cumbonini at the request of Lt. Col. C. M. Williams, Deputy Chief of the Historical Division. It is useful for the activities of the 17th Fursuit Squadron (Frov.) in Java.

Diary of Lt. Col. John A. Rouge, 7 December 1941 to 25 November 1942

This valuable document was furnished to the Historical Division by Colonel Esuso, former commander of the 30th Squadron of the 19th Bombardment Group.

Diary of Lt. Col. James 5. McAfee, 1 Movember 1941 to 5 October 1942

This is an interesting, versonal record of an officer of the 27th Bombard ent Group. In ATIMI files.

Combat Report of Capt. Milliam Rove

Howe, a pilot in the 24th Fursuit Group, has given a detailed account of a number of missions flown in the shilippines.

Intorviews

Recorded Intervieus

The interviews in this list, unless otherwise specified, are on file in AC/AS, Intelligence, Collection Division (cited as A-2 Library). The date is that of the interview.

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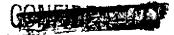
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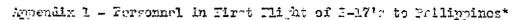


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linj. 3	Mart: C'Donnell, Jr.	⊡/s	Roger J. Stephen
Capt.	Millian P. Ticher		George A. Leard
	Colin F. Lelly, Jr.	s/s	Arthur 1. Fichardson
lst Lts.	George E. Schactzel	-	William J. Delchonty
	Henry C. Godman		Clynl Gilbert [sic]
	Hilfred R. Hontgomery		Joseph A. Glardina
	Velion II. Stith		Walter Fartridge
	Ednard C. Teats		James L. Cannon
Ci Lts.	Dongld L. Keiser		Ered D. Secrest
	Jease P. Teprey		Fobert G. LeIntyre
	Hear; Ditt.an		Edvin J. Dobbernfuhl
	Richard 7. Carlisle		Eercert I. Wrist
	Horris F. Friedman		Coley J. Junes
	Donald D. Jobins		John A. Jallach
	Robert S. Oliniscoles		Allia: C. Jones
	Trencic R. Reepson		Stanley C. Jectola
	Ernect C. Made		John F. Clark
	Cartis J. Holdridge	Sgts.	Vincenzo Spaziano
	Stanley Cottage	•	Million S. Tou ht
	Carl D. Exerson		Clevis C. Jones
	Francis I. McAllister		Toman F. Hichelten
	Paul Fotarbutton		Lester Inc. or
	John B. Wright	C∵ls.	Lever Levin
Ava.	Eddie I. Enytein		Willie T. Johnson
Colets	Estert C. Jasson		Conrad R. Fayne
	Joe L. Bern	Píc	Villian A. Unortz
11/S	Joseph C. Laza		James Z. Schoen
-	John F. Ocrter		Eoner L. Vincent
τ/s	Thomas I. Meahey		John J. Labreche
	Villiez J. P. Griffin		Jillard L oney
	Edward 7. Oliver		Eobert I. Altman
	Harry L. Mitley		Glover J. Burke, Jr.
	Coorde L. Erandes		Junior Trocks
	Armenio G. Falirez		John aresl
	John 11. Gedicler		John 🐂 Kem edy
	Roland 5. Frovost	Pvt.	Lincoln H. Davron

Cn detached sorvice:

liaj. Gordon A. Blake Brnest Loore Cast. Donald D. Flickinger

* Meg. 2005, Ft. Chafter to AGO, 50 Cet. 1941, in AG 450.1 (8-1-41).

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	<u>l'ode1</u>	Speed	Service <u>Ceilinr</u>	Fadius of <u>Action</u>	Naximur Bomb Load	Armanent	Combat Protection	Number in Philippines	No. to depart for Phil. prior to 15 Dec. 41
	B-94	292	50,500	1849	Kone ¹	(2-30-cal. (6 50-cal.	(L.P. Tanks (Armor	0	2
	B-170, D, E	323	35, 000	690	4200	(1 30-cal. (6 50-cal.	(L. P. Tanks (Armor	35	48
	A-34	247	23,000	176	1000	(1 30-cel. (2 50-cel.	(L.P. Tanks (Armor (B.P. Glass	O	52
	B-16A	215	23,900	420	2500	3 30-cal.	None	18	0
	2P-40D ²	360	30.600	235	720	4 50-cal.	(L.P. Tanks (Arsor	105	18
	P-40E	355	30,000	235	720	6 50-cal.	(B.P. Class	100	95
	P-39D	370	50,000	191	6 00	(1 37-m). (3 50-cal. (4 30-cal.	(L.P. Tanks (Armor (B.P. Glass	0	?5
	Р-35д	290	31,400	225	180	(2 30-cal. (2 50-cal.	líone	52	0
· ⊆	A-27	250	28,000	370	270	3 30-cal.	lione	9	0

Appendix 2 - Characteristics of Airplanes in, and to go to, the Philippine Islands*

1 - No bomb racks for these B-34's. They will have to be manufactured.

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2 - Instead of r-40D's there were 30 P-40D's in the Philippines. These had 2 x .50-cal. and 4 x .30cal. machine juns, armor plate, leak-proof tanks, 3.P. glass.

* Data concerning Far Eastern situation, the Air Staff, 12-1-41, in AAG 319.1, Bulk.

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Appendin o - Firinirise of Messages to and from the Philippines 37 November-7 December 1941*

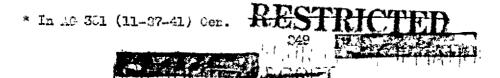
Regotiations with Japan to all practical purposes seem to have ended with only the slightest possibility that the Japanese Government hight come back and offer to continue. The future action of the Japanese is unpredictable but it is possible that hostile action will occur at any moment. If it is impossible to avoid hostilities, the United States desires that Japan conmit the first overt act. This rolicy should not be interpreted in such a way as to restrict you to action jeonardizing a successful defense of the Philippines. Prior to hostile Japanese action you are directed to take such reconnaissance and other measures as may seem necessary to you. Report the measures taken. If hostilities should occur, you will carry out the tasks which were assigned in revised Painbow 5 which was delivered to you by General Brereton. The Chief of Paval Operations concurs and requests that Eart be notified. Ms(n, #624, Marshall to 06 USAFPE, 27 Nov. 1941. Sent also to C6 Havailan Dept.

Following instructions your Padio 624, air reconnaissance extended and intensivied in conjunction with the Navy. Within limitations imposed by the present state of development in this theater, everything in readiness for the conduct of a successful defense. Ground security necesures have been taken. Intimate liaison, cooperation, and cordial relations, between the Army and Navy exist. Usg. #1004, lacArthur to Marshall, 26 Nov. 1941.

It is desired that instructions substantially as follows be issued all establishments and units under your control and command. The present critical situation demands that all precautions be taken at once against subversive activities within the field of investigative responsibility of the far Department (far. 3, ...id SR 3045). Situation demands that all additional measures necessary to provide the following be initiated by you: protection of all activities against espionage, protection your personnel against subversive propaganda and of your equipment, property, and establishments against subotage. To illegal measures are authorized. Protective measures should be confined to those escential to security. Unnecessary alorm and publicity should be avoided.

On or before 5 December this year, it is also desired that reports be submitted to the Chief, Army wir Forces of all steps initiated by you to comply with these instructions. Mag., 047, Adams to CG ULLER right Armold, 35 Nov. 1941.

On 21 Lovenber a copy of a letter, serial 01512-104, dated 11 Fovenber wis dispatched to you by registered air mail from the Secretary to the british Joint Staff discion in Mashington for



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collaboration, stating proposals of the Chief of Staff and the Chief of Laval C ern tions for cooperation between the British Jonmonwealth and the United States in the Dor Last area. Farsphrase of important paragraphs in that letter follow:

Paragraph 2 - Concur in Lritish proposal to sugnent by early 1942 their mayal forces in Far East to 8 destroyers and 6 battleships. Grust this force will be increased by British sircraft carrier and cruisers.

Paragraph 3 - Selieve strategic situation elsewhere warrants the reinforcement of the British air force in Malya by long-range boubers and righters and recommend that these be sent without delay.

Faragraph 4 - Agree AUE report does not meet present situation. ABU-1 regarded as a sound major directive on which to base operating plane, but suggest broader tasks for air and land forces in Far East and Australia-New Jecland areas.

Paragraph 6 - Desirability of using Manile at least initially as the main base for Fritish Far Fastern Fleet is questioned but Manile and other Fhilippine harbors are available as advanced operating bases. Local commanders should decide this and include in joint operating plans.

Paretraph 7 - It is suggested that instructions for further collaboration in the Far East Area be broad so that convenders on the spot may solve with minimum interference from above their own problems. Large conference with diverse elements represented in ABD considered undesirable. Corresponding supreme commenders should agree upon major military decisions and from these develop detailed operating plans. Coordination between air, areg, and havy elements to be accomplished as found desirable.

Paragraph 8 - Eritish and United States authorities should hold the initial conference in Manila. Staff officers should hold subsequent conferences wherever desirable. Admiral Philipps's visit to hank, is to be kept secret.

Paragraph 2 - Following procedure is proposed if foregoing is accepted: A. Commander in Chief, Tritish Far Hastern Fleet and Comrander in Chief, UC Asiatic Fleet to collaborate in Lanils and arree on broad outline of joint navel operating plan; then invite Futch neval authorities to collaborate in prepare tion of joint plan for the three novies. B. Companding General, US Army Forces in Far East, Dutch and Tritish Mir and Army Cormanders to collaborate in prepuring joint fir and land operating plans. Mir, land, and naval operating plane to se closel; coordinated. C. Except when unity of command for particular task forces is agreed upon by appropriate conranders on the spot, coordination of operations would be by cooperation. D. There should be established at once at the three major headquarters an organization for close liaison, with proper number of permanently assigned staff officers and communication facilities. 2. logistics facilities of the three powers should be pooled as f r as possible. End P. raphrase.

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Except for parcgraphs two and three, the British have egreed to all provisions of that letter, but have deferred reply to those two paragraphs. The British have issued to their willtary suthorities instructions mentioned in paragraph 7. A copy is being sont to you by registered mail. The Chief of Level Operations and the Chief of Staff desire that you and the Commander in Chief, Asiatic Fleet proceed with preliminary conferences and thereafter according to the general program outlined above hold conferences with dritish and Dutch. It is expected that Admiral Phillips, Commander in Chief, Far Eastern bleet will arrive in Singapore on 6 December. Mag. #650, Admin to CG USAFFEL, 99 Nov. 1941.

The Secretary and I were disturbed to receive your note of 7 Foverber enclosing the correspondence between yourself and Hart and your letter to Stark of October 18 which he turned over to me. Reassuring was your cable of 28 November, however, stating "intimate licison and cooperation and cordial relations exist between Army and 1.vv. " The 'ar Department desires that in matters of see-potrolling, and action not directly comercial vivi i appliate threats against the Philippine Iclands you will provide the desired air support for naval operations within ; our memor. It was for this reason that eachasis Fur jiven to the authorization for you to place any forces under naval unity of communa for such specific tasks. Idmiral Stark and I, without regard to past projudices or incidents, have tried in every may to find com on grounds. He has been wholehearted in his approach to these matters, and we he every much that Adultal Cart and you can find a genuinaly asicable basis for the conduct of affairs in the For East. In view of the complications inevitably involved in possible joint action with the British, Austrulians, and Dutch, this is particularly important. Asp. 2006, Arshall to 06 ULATEL, 29 Nov. 1941.

That every possible support by any air will be given to all navy operations, you may rest assured. Heurad 656. This point has never been at issue here. The assumption of courses by Maximal Hart. Army units was the subject of discussion initiated by Maximal Hart. It is my considered opinion that in view of the forces and dission involved the most effective results can be normally obtained here by a coordination of mission rather than by unity of command under the Navy. The car force commander is insistent on this point as far as car units are concerned. Admiral Hart has now apparently accepted this position and the most complete coordination, cooperation, and cordiably prevail not only between Hart and myself but between all lover echolons of both commands. The different points of view which he represented never disrupted or projudiced this relationship in any **RESTRUCTED**

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way. I am not familiar with the consitnents on this general question which may have been made in Maxington and realize that subordinate fields of action, irrespective of individual and local merits of the case may have to yield. If my position has in any way prejudiced or embarrassed you, do not besitate to inform ne so that I may effect a readjustment. Hsg. (1045, Ancarthur to Lorshall, 1 Dec. 1941.

In reply to your radio of 33 Fovesher and your radio ±647 on the same subject, all practical steps are being taken to protect all sir and ground installations within the limits of the facilities to this command. Lag. ±1046 , Encarthur to TAC, 1 Dec. 1941.

In reply to your 647, all air corps stations here are on an alert status. Airplanes are dispersed and each is under guard. Guards on installations have been increased. All airdroue defense stations are samed. Counter subversive activities charged air force headquarters by regulations are being organized and have started functioning in a limited manner. Mag. Allo5, acArthur to AGMAR, 6 Dec. 1941.

"Cubject: Far East Situ tion.

"The Secretary of War directs that the following first writerly secret radiogram be sent to the Commanding General, U.S. Army Forces in the Far East; Commanding General, Carribean Defense Command; Commanding General, Maunitan Department; Commanding General, Fourth Army:

"Japanese ere presenting at one p.... Hastern Standard time today that amounts to an ultimatum also they are under orders to destroy their Code machine inmediately. Just that significance the hour set may have us do not know but be on allost accordingly. Inform naval authorities of this communication." Larshall sgd. L. T. Gerov, brig. Gen., Acting AC/S. Hend for DAC (through Secretary, General Staff), 7 Dec. 1941.

/Foted below:/ "Padior as follows dispatched 11:52 A , 12-7-41, by code room, 'D.C Jode messages sent out:

12:05, #753 to 06, USATEA, Maniha, F.I. 12:17, #529 to 06, Hav. Dept., Ft. Shafter, T.M. 12:01, #519 to 06, Brbn. Def. Grad., Quarry Heights, O.Z. 12:11, #46 to 06, Fourth Arag, Pres. of San Fran."

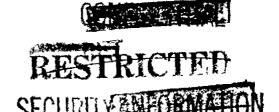
To conditionts have been made here that conflict with your proposed nethod of cooperation with the lawy, your radio 1045. Gratified that Aduiral East and you are entirely in accord on the most effective employment of our combined Fur Lastern forces. It is intended that Army air units would be placed under N vy unity of command for specific





tasks of temporary and definitely naval character. For similar reasons army unity of compand for specific tas's would be established. Hsg. -523, Errshell to 36 ULATTE, 3 Dec. 1941.

The following message has been sent to Commanding General USAFFU: nortilities between Japan and the United States, the British Commonwealth and the Dutch have begun. Carry out tasks so far as they pertain to Japan according to Rainbour 5. In addition cooperate with the British and Dutch to the utnost without jeopardizing your primary mission in defense of the Philippines. It is also suthorized that you dispatch air units to suitable bases to cooperate with the Dutch and British. Report all operations and daily major dispositions. Use, 5180, Adams to Special Army Observer, London, 7 Dec. 1941.



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Appendix 4 - Intracts from History of USAFIA*

21. Early in Junuary, Hendeugrtors of USAFIA were neved to Helbourne, where were located the Shiefs of the Australian Army, Davy and Air Staffs. On J. murry 3, Gen. Brett, Gen. Barnes, Gen. Frencton, Arrived in Melbourne. On January 3, a conference was held between American and Australian Chiefs of Staff of the Army, Davy and Air Torce to coordinate their activities. Present were Australian Army, Nevy and Air Staffe and their deputies, the Australian Secretary of the Department of Defence Coordination and Gens. Erett, Brereton and Barnes and Col. Merle Smith and Lt. Col. Perrin, U.S. Air Force. In outlining the instructions dated December 24, 1941 given him by Gen. MacArthur, Gen. Brereton stated his mission was to protect lines of communication. secure bases in Lindance and support the defence of the Philippine Is. by the U.S. Army Forces in the Far East cooperating with the U.S. Havy and the defence forces of Australia and the M.I.I. He stated he was authorised to operate against the enemy in an area to the East of the West coast of Bornes, but not further what so that Sumatra and Lalaya wore outside his area. of operation. Gen. Brett shid his logistic plan would have to confort with Gen. Brereton's dispositions. Ben. Brett slated that prior to his arrival in australia he and Gen. Lavell had independently reached similar conclusions which they discussed together. These conclusions were that the war in the Pacific must be regarded as a slow pressure war in which we would first have to devote our strength to holding on to what we had, mean hile building up forces to strike at the Japanese:-

- (a) Dy working from Burga into China through Shanghai to clear defence bases.
- (b) By exerting slow pressure through the M. J. I. and Malaya.
- (c) By exerting similar pressure from Australia into the Islands to the North.

To achieve fulfillment of this plan it would be necessary that there should be big Air Forces based in Burne, Java and Australia, with advance bases as far forward as possible.

Gen. Drett stated his main effort at present was to achieve close cooperation with Australia and establish bases in Australia to support operations to the North. He outlined the U.S. planto bring long distunce aircraft into the S.M.F... by tanker into the Liddle List, thenceacross the Arabian See, Indian Coent to M.E.I. thence to Australia. A Ferry route across the Facific from Honolulu to Australia was now near completion, but at the time of the conference its date of availability was not impun.

* Document ,30 in lister of the Sifth air Sorce and its Fredecessors, App. II APPENTIAL 251 RESTRICTED



The following initial plans resulted from the January 3 conference:-

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- (n) Daridh would be used as an operational and first line maintenance base for the Air Force and as an advance supply depot.
- (b) Brighane would be used as the main base for the erection. repair and maintenance of all types of airplanes. It would be the main supply base and port of debarkation of troops and supplies North of Nelbourne.
 - (c) Rule Forms would be used for the unloading and erection of medium type circlenes with a fly-away circine.
- (d) Townsville would be used as a secondary base for the erection of light type alightness and for require and maintenance of airplanes to the canacity of its facilities. It would also be used as an advance supply base.
- (e) Lebourne would be used as the location of the Headquarters, US.TIA, and a port of debarration of troops and supplies.

Several committees were appointed viz.

(1) Chief of Staff Committee - Air Chief Larshal Sir Charles Eurnett being Australian Air Force Representative and Lajor General Brett USATA Representative.

(3) Joint Flanning do mittee - with Air Vice Marshal Bostodi being Australian Air Force Representative and Drig. Cen. Barnes US.FIA Representative.

(3) The Administrative Hanning Committee - with Air Vice Marshal A.V... Anderson being Australian Representative and Gen. Harnes (later Col. Stephen J. Chamberlin) the USAMA representative.

23. Darwin, Founsville, Brisbane and Helbourne were designated as Base Sections 1,2,3, & 4 respectively. Later Porth and Adelaide were added as two additional Base Sections. Later a Base Section was established at Sydney.

23. On January 15, Con. Brett, then Communding General USAFTA, was design ted Communder of the U.S. operating Air Force in the ABDA (American, British Dutch Area) which was being organised in the HEH under Gen. Mavell. On January 27, Cen. Frett departed for his new duties and Gen. Darnes assumed command of UNIFLA. Col. Chamberlin became his Chief of Staff.



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"Ath the organisation of the IEDA Command the mission of the USAFIA became twofold:-

(1) To supply Fhilippine Is.

(2) To supply U.S. Army Forces in the U.B.I.

According to announced strategy supply to the Philippine Is. was to be accomplished through the ADDA Command, but practically all supplies which got through to the Philippines were dispatched directly from Australia by blockade runners.

24. By the middle of February activities in ANDA and changed conditions in the SEA necessitated reverping the original plan for Air Corps installations in Australia. The revised plan was as follows:

DARATL. Base Section No. 1.

Entertation area for airplanes and supplies (by air ferry or boat)

Supely Distribution Point for all types of supplies (Advanced Nobile Ceneral Tepot.)

Acrodrones x. (Base Area for bombardment, if necessary. x.)Tighter and recommulssance base.

Laterial Squadron.

TCALSVILL, Dase Section No. 2.

- x Erection Depot (2 Hongars)
- Shell 2nd. Robelon maintenance installation (2 E ngars) Small supply distributing point (to feed Darwin and U.D.I.)

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x Operational Training Area.

Aerodromes (Base area for bombardment if necessiry.

(Flihter defence and reconnaissance base.

BRISBULL, BASH Section No. 3.

Threl Torns.

- x Erection Lepot (6 Ecapars)
- Scall repair depot (2 Hangars)



Advance Supply Depot (all supplied repeived, blassified requisitioned and distributed for bases 1.3.2 5. Total Supply records kept there.)

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- x Reception centre for formation of operating units. (Capacity 5,000 initially)
- ? Ferry Counsed Operational Headquarters.
- Aerodromes Operational Craining Area.

Air Base Group.

HITEOUTIL BASE Section No. 4.

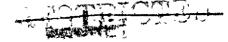
- Main Maintenance Depot (3rd Rehelon)
- x Erection Depot
- lidn Supply Depot
- Reception Seatre for formation of operating units
- Aerodromos (Cperutional ((Training Area.

Defence - Reconnaissance fields.

- Air Base Group (reinforced).



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Appendix 5 - Relief of the Philippines*

"1. Fresent Situation.

Che Fhilippine garrison is beleaguered on the Bataan Feninsula and Corregidor. The garrison comprises some 7,000 white combat coldiers (enclusive of Air Corps which has no planes) and about 30,000 Filipinos partially trained and equipped. The supply of entimizers of assumition is running low. Althout support the garrison can hold out under serious attach for not more than three months. Lack of water, food, munitions may reduce this period.

"The Japanese have complete control of sea and air and an enormous prependerance of land forces. Bulk of Japanese forces (6 divisions) are on Lucon. One Japanese division is on Lindanae (at Davae) and a suall force is at Jola. The Visayam Islands have not been occupied.

"3. Pesults of Loss of Philippines.

The Fhilippines are the key to the Far Last position of the Associated Powers. Kevry boubers established in strength on Lucon can interrupt Japanece communications along the Asiatic Coast. Lose of the Fhilippines probably would be followed by fall of the Notherlands Last Indies and Singapore, unless strongly reinforced. Australia then would be ceriously threatened and vital British Draire trade routes night be severed. The isolation of China is almost certain to follow. Japan yould be preatly stren thened by pulning the row unterials of the Tetherlands Last Indies. The full power of Japan could be directed against Siberia.

"3. Cutling of Cognitions Required to Recover the Philippines.

(a) The ceneral str.to_ic concept of operations required to restore the position in the Philippines is as follows:

(1) First g in naval and air superiority south of the line Laga-Jorneo-Celebec, and propare to extend this control northward.

(2) Gein air cuprenacy in the III al operate from HEI bases to gein air supremacy over Lindanas.

(3) Govered and supported by strong nevel and air forces. lend a force on Minumes to secure bases there.

(4) Operating from bases on Lindunco, respon the line of communications and launch a drive to the north.

* Hend for the C/S by Brig Car L. I. Geret, AG/S, 3 Jan. 1943, in OFD 4033-39, Ses CONFIDENTIAL OFFICE RESTRICTED

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<u>b.</u> The execution of this stritegic plan would require the <u>i.gediate</u> coubined effort of the amilable land, sea and air resources of the United States, the British and the IND. MINT IN PARLOUNT.

c. In the succeeding paragraphs, the operations and means required to carry out this general strategic concept are discussed.

"4. Air Operations and Leans.

a. Total United States Forces in the Far Fost. Inroute There and Scheduled to so.

S Gos.	Keavy DoublarCuont	9 <u>1</u>	cirplanes
3 695.	Hedium Bombardment	114	18
1 Go.	Dive Foubers	52	11
4 Gos.	Fursuit		a a
-	Cotal	647	18

b. Istimated Compatibilities of Feinforcement from our Allies in the Fur Fast.

1	G	Ledium Dombardment	76	cirplanes
1	Gუ.	Aursuit	73_	11
	•	Total	155	st

c. Jorce Required for Lajor Lawince Northward to Imzon from Research in Instralia.

5	6ຫຼຸຣ.	Reavy Bombardmont	200	simplenes
Ę	Gas.	llediwi Epubarda.ent	235	11
2	Gpr.	Live Bomberg	114	11
10	Gpr.	Fursuit	800	4
E	Gys.	Tran port	65	JE
		Totel	1,664	.1

d. Difference Totheon Torce Required and Force Available.

5 Cys.	Heavy Bombardmont	120	airplates
C Gys.	Medium Combardient	114	11
1 Gy.	Dive Bonberg	57	ţ I
5 Gyr.	Pursuit	400	18
E Gyr.	Trancport	65_	12
-	Total	75e	1

c. Littetions and Fossible Auguentation of above Force.

(1) Availability of airdrones would light the size of the force which could be employed. There are some 25 airdrones in this area (northern Australia, Matherlands Date Indice, Dorneo, the Celebes, and the Molucca Ialands) which would be available to serve the initial



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concentration of the air force. If operations on a large scale are contemplated, additional dirdromes will have to be constructed, both in the initial area and in those areas which are selded as the advance to the northward progresses.

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(2) If this operation is decided upon the novement of Lond-Lease diverted to our units which will then be operating in an active theater, will be subject to attrition, and will require a steady flow of replacements.

(5) United States conduct units other than those now destined for the Tar Last must cone from areas where they have already been conditted by the Lar Department, such as Havaii, Penama, or the continental United States.

(4) Since there would be no completely organized logistical system established well in advance of the contemplated operations, the scope of this operation would be limited, at least in its initial states, by logistical factors. It would be absolutely within to the success of the expedition that the lines of communication to the theater be 'mpt open since the units could not otherwise sustain their operations, even for a limited period.

f. <u>Ceneral Schere of Cperations</u>.

(1) Cocupy airdrones south of the line Lulyn-Dorneo-Colobos and establish air superiority in this area.

(?) Occupy is soon as possible those divisons in the Celeber, the List Goast of Fornes, and the Molucca Islands which have not been select by the Jap mede and establish dir suprement in this dars.

(5) By combined air and surface operations, drive the Japanese out of Surjant.

(4) See tout and destroy by the action of combined air and surface forcer the Japanene forces in the Sulu Archivelage.

(3) Execute counter air forces operations against the Jap nose in Mindanao.

(6) Sect out and destroy by combined air and surface action the Japanese air forces on lindando and the surgerting Japanese nexal forces operating in adjacent waters.

(7) Support a lending of a force on lindenco. Establish air bases on lindenco after its science.



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(8) Drive northward to secure additional fir bases on Panay. From these closer bases, lounds a combined air and surface offensive against the J. panese forces besieging the Island of Luzon.

(U) Combine all there step-by-step operations with the necessary efforts to maintain the line of communications established by the advance.

"5. Devel Forces and Operations.

Existing Nevel Forces.

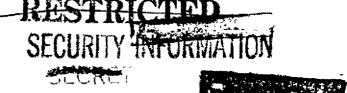
<u>Atlentic & Mediterraneen</u>			Preific Far East				
Czype	v.s.	British		Zritish			
			U.S.	Dutch	Russic	Joyan	
B 3	8*	7	3	3	0	10	
CO	0	1	0	0	0	0	
07	3	4	4	0	0	10	
C .).	4	5	12	7	0	18	
CL	12	32	7	21	0	19	
DD	85	163	70	21	16	127	
S 3	EG	71	24	15	93	68	

* Imining of the ships incomplete.

b. <u>Accoriated Maral Forces and Operations Required in Far</u> East area.

(1) The Japanese naval strength in the Praific and Far Dast areas is such that it will be necessary to transfer Allied combatant vescels to that area in order to:

- (a) Mintein communic, tion with Australia and the Netherlands East Indies.
- (b) To establish control of the sea areas adjacent to Australia, Netherlands East Indies and Borneo.
- (c) To reopen a line of communication to the Fhilippine Islands and support air and land forces in operations to regain control of the Islands. It is estimated that this effort would require the transfer to the Facific and Far East areas of from seven to nine capital ships, five to seven carriers, about fifty destroyers, about sixty submarines and the necessary auxiliary vessels for supply and arintenance. In this connection it must be borne in mind that naval



forces of the Accounted Fouers must operate at great distances from suitable neval bases. Singasore and Fearl Forbor are the only large neval bases available to our forces. Singapore may soon become untenable due to air action from Journese land based aircraft.

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(3) The diversion of nevel means from the Atlantic area sight result in our insbility to maintain the supply routes to the North Allantic area and to the Mädle East. Such action would limit our capacity to protect vital points in the Nestern Homisphere, in case latis nevel forces should attempt to raid this area.

(3) In the event that Bussia can be brought into this var against Japan, superiority in submarines would shift to the side of the Associated Powers.

(4) A diversion such as a strong air and surface raid against Jegan may retard the Japanese progress. The moral effect, both at home and abroad, would be great.

(5) Carrier borno aircraft could be utilized at once in the Justralian-Nethorlands fast Indica area to supjort the forces now opposing the southward advance of the Jegenese.

(C) Until the line of communication from the United States to Australia and the Fetherlands /slc/ is made secure by sea, air and ground forces, the augmentation and subsequent maintenance of forces in the Far Bist and in the strength required is imposcible. The Japanese forces are in a position at this moment to cut our unprotected line of communication at any time they choose to do so.

"G. Iand Forces.

a. Japin.

Japan has GD active divisions, 1. depot (training divisions) and a possible 5-10 additional test force divisions raised since dugust 15, 1947. The latter are short of artiller; and other equipment.

55 divisions are contained in Lanchuria, 11 are in Indo China, Thailand and Malaya, 7 are in the Fhilippines, 5 are in Japan. and 15 divisions are in China, the Mandater, and Fortosa.

b. Associated Fovers.

The British and Dutch have about 200,000 troops in the Enlay Berrier. Australia and New Zoaland have about 285,000 hous defense troops. The bulk of the British, Butch and Australian land forces will be required for defense of hous territories. The United States has 4,000 hiscollancous troops in Australia and about 10,000 (most air troops), ore contemplated for early transfer to the lar Bist thester.

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c. Trinate of Allied Porces By quinse.

It is estimated that a large Allied land force--several hundred thousand men-will be required to regain control of the Philippine Islands in the face of the opposition that John can interpose.

"7. Conclusions.

a. That the forces required for the relief of the Fallippines cannot be placed in the Far last area within the time available.

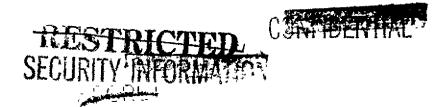
<u>b.</u> That allocation to the for East crea of forces necessary to regain control of the failurgines would necessitate an entirely unjustifiable diversion of forces from the principal theater--the Atlantic.

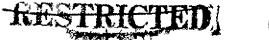
g. That the prestest offert in the For East area which can be sustained on strategic grounds is that contemplated by the Chiefs of Staff in their directive 100-4/2 (hold Maloy Barrier, Durs, and Lustralia, projecting operations to the northward to provide maximum defence in depth).

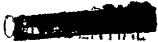
78. Eecont enfectione.

c. Ibst operations for the relief of the fallippines be not undertaisen.

b. That for the present operations in the Far East area be limited to those envise and in the Chiefs of Staff's directive AEC-4/3, mentioned above."







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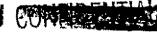
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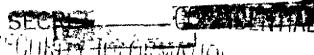
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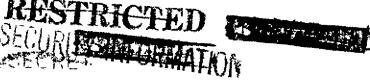
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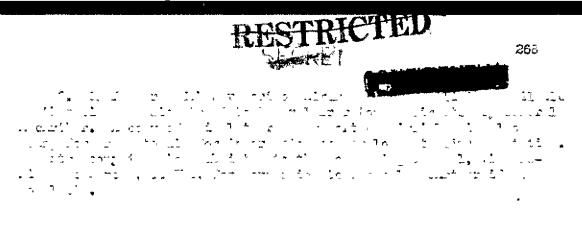
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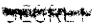


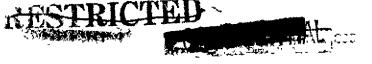




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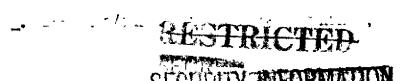
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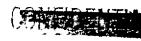
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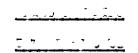
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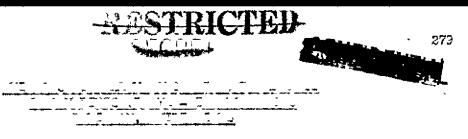
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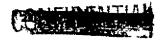
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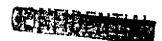
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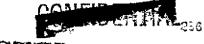
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Appendix - 7 -

An Account of Probably the Lest Aircraft to Fly Out of Bataan

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Cn the night of April 8, three pilots, Lt. 'Shorty' Crosland, Lt. William Coleman, and myself were essigned to stand the alert at our field at Cabcaben. We went down there in the evening and moved into a small cave at the end of the field and before retiring decided to listen to the radio. About 7 o'clock in the evening we picked up a Valkie-Talkie radio and we mathered from their conversation that the front lines were in bad condition, as the Japanese were putting forth a strong effort and had broken the line in several places. Soon after that, there was a general retreat on our side. The men stationed at Bataan had to evacuate and their planes were sent on a final mission and directed to fly to Debu. We, at Cacaben, waited for further orders. Finally, from a conversation with a Colonel at Fighter Command Headquarters whose name I believe is Gregs, we learned that some officers from Fighter Command were coming to fly out the fighters that were stationed at Cacaben Field and, also, that we should evacuate, provided we could get an old Grumman amphibian airplane we had, into condition. At about 9:30 that night, the fighters took off and those of us who were left behind started working madly on this old Grumman.

After evacuating Bataan Field. Cantain Dyess came to our field to see if we had evacuated all of our men. This was about 10 o'clock. There were only two enlisted men with us then and they were helping us work on the engine of this old amphibian. Captain refused to accompany us on our evacuation, stating that he 'had some ment to take care of end he told us that when we left we were to take a Filipino Colonel by the name of Carlos Romulo, and that he was coming over from Corregidor. The Colonel arrived soon after and also a Lt. Barnick. Barnick said that he had come up to be the milot of this amphibian, provided we could get it going. It was 1 o'clock a.m. when we finally repaired the engine and by that time, the fighting was taking place just to the north of our field; the artillery was firing overheed and small arm fire could be heard on the slove above us. We gave this airplane a five-minute worm up to see if it would run. Six of us got in it and took off. I don't think any of us thought we would make it, but we all thought anything was better than being caught by the Japs. Right after take off, it was apparent we had to lighten our load, as we were two passengers overweight, so we proceeded to throw out everything we could which was removable, including parachutes, radio equipment, etc. We took off flying practically

* Statement of Haj. Stevart Robb, 20 Nov. 1944, in AFIEI files.



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on the water and circled Corregidor. Apparently Corregidor was informed one more ship might leave Bataan, as they did not turn their search lights on us and we headed down towards Cebu. The following morning we landed at Hoilo. We remained in Hoilo three days getting ourselves fat on the abundance of food that was there and finally got in contact with Headcuarters on Mindanao by a small army radio.





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Appendix 3 - Greus and Passengers Returning on 14 s from the Poyce Mission to the Philippines*

			BOTATOENTIA
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	Kimple (Ei) Lt. Arter Lt. Conley	Gradle (.N) Phelan (IN) Hewlett (Civ.) Lt. Glover	Nurss (M) Lt. Senham Lt. Burke
P OP N B E & G	<u>466</u> Felthan Linn Heyman Owen Gates Nelson Hatcher	<u>442</u> Heiss Townsend Bevan Snith Snipers Miller Young	480 Strickland Hipps Brindel Bengal Crutchfield Cooper Mhite
	Noore (Japt.) Wright (Lt.) Card (Sgt.)	Gerrity (Lt.) Leander (El SC) Komori	Horn (Pvt.) Yamagata (Col. Chinese) Whitfield (Capt.)
P Cf E G C	<u>485</u> Gunn Bender Midgett Thomyson Paradise	485 (contd) Thorne (Capt.) Hessor (S.C.) Keys (Lt.) Cox (Lt.) Jefferies (SgtStowa	tway)

* This record was kept by Maj. William G. Hipps who as a staff officer participated in the planning of the mission and flew as co-pilot in plane #480. For details of the mission see The AAF in Australia to the Summer of 1942, AAF Fistorical Studies: 49. In addition to the 10 B-25's there were two returning B-17's not represented. See above, n. 10, chap. WHI 1.39 44 HEA 1. J. J.

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Appendix 9

Interview with Lt. Gen. R. K. SUTHERLAND,* at GHQ, MANILA, June 4, 1945.

L -- Did the orders for the recon missions to Formosa before the start of the war come from Gen. MacArthur's Hq directly, or from Gen. Brereton's?

Gen. Sutherland pointed out that GRQ laid out diagrams for search Missions and assigned the areas to Gen Brereton who then gave the orders for the execution of the flights. In other words, Air Hq handles the details. The orders issued called for reconnaissance to the southern edge of Formosa with one segment of the pie running up the east coast of the island a little way.

2 - Had Gen. MacArthur given the 24th Purguit Group orders to shoot to kill against any Jap recon planes?

The last War Department Directive received at GHQ before the war was no the effect that hostilities might start at any time. We here in the Phillippines could not do anything to provoke hostilities but we could take any defensive action. This directive came out on December 1 or 2 -- perhaps five days before the outbreak of war... During those five days. Gen George made reports on the radar station's (at Iba) having reported early Japanese flights. George wanted to intercept and came over to ask permission. We told him he could effect it, but that he must act defensively; but if the Japs came in near enough he could go to it. The boys had gone out and had, according to the radar grid, intercepted but at a higher level. The Jap planes had turned back in the darkness. So now they had permission to go to it, the boys were right on their toes and had a mousetrap all planned out. That night the Japs did not come. Mext morning they did attack.

3 -- The boys had to operate purely defensively. There was no question of that; and, with the WD directives, no choice on the part of GHQ.

* General Sutherland was interviewed by Mr. Walter D. Edmonds to whom the author of this study is indebted for the above copy.

It was received after the text of the study had been completed, and consequently is being appended as a supporting document.





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4 --- Were the reports handed in by pursuit pilots about encountering Jap planes over Clark Field, before Dec. 8, handed in to GHQ?

Reports of these encounters did come in, two or three days late. But it must be re-emphasized that we had specific orders not to do anything to start hostilities.

5 --- Why was Formosa not bombed?

Gen Sutherland began by saying that all the B-17s had been erdered to Del Monte some days before. On a check it was found that only half had been sent. OHQ wanted the planes in Del Monte because they would there have been safe from initial Jap attacks -- they could not have been reached at all --- and they could themselves have staged out of Clark Field to bonb Formosa. This direct order had not been obeyed. And it must be remembered that GBQ gave out general orders and that the AFHq were supposed to execute them. As Sutherland recalls there was some plan to bond Formosa but Brereten said that he had to have Photos first. That there was no sense in going up there to bonb without knowing what they were going after. There were some 25 fields on Formosa. On December 9th and 10th, photo missions were dispatched -- Carpenter going on the first and returning with generator trouble; Connally going on the second but being turned back by fighters. Holding the bombers at Clark Field that first day was entirely due to Brereton. (Italics mine, MDE.)

6 --- Was there a definite order from GHQ to keep the planes off the ground all Dec 8th?

Gen Sutherland does not recall such an order for the 8th. He is not sure such an order was issued. He does know that such an order went out of GHQ for the 9th, and it was emphatically given. Many such orders were transmitted through Col Brady. He does not remember who was in charge of Clark Field, a wild fellew with red hair and a red beard who had been on Brereton's trip to Java and China and had had slit trenches and revetments started on his return. Sutherland does not know whether this officer or Col. Mubank directed the B-17s to come back to the field, and there may well have been some confusion as to who was giving the orders.

7 -- Who issued the orders for where the fighter planes were to fly cover -- GHQ or Brarston?



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No orders were given the fighter group by GHQ. Such orders were entirely the air commander's province.

8 ---- The suddenness of the retreat to Bataan is pussing to an outsider. The boys were told to leave Clark Field immediately, to destroy installations and get on a truck and roll. Yet they were able to go back till nearly Jan 1 for staff they found they wanted.

"aking up orders for the retreat: Definite plans for defense of the Philippines had been on the books for a long time. This plan envisaged a landing in force at Lingayan, the only feasible place for such a landing, and a delaying action to be fought down through the plains, and then a retreat onto Batsan where the limited forces would act as a defense of Corregidor for as long as possible. This plan was developed because there were then not enough troops for a real campaign against a large force.

But those old plans were modified. It was decided to build up an army. But when the Japs struck we had not got very far with it. The Philippine Army was forming, but it had not had enough training and there were not enough arms for it. Naturally though we had a different defense plan. And we had our men deployed. But our plan was not complete and the 21st artillery division for instance was out off at Vigan.

The idea was to fight it out if we had time to train our army, but we had not had time before the Japs struck and the decision was made by General MacArthur when the Pearl Harbor report came in, around 4 AM, and when also a report from a submarine came in a little later that it had sighted 150 Jap ships heading towards Lingayen Gulf. Sutherland gave these reports to MacArthur who said, "Remove immediately on Bataan." The plan for this removal was started the day the Japs landed. Both the north and the south forces pulled back slowly.

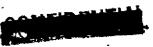
The orders issued at Clark Field were entirely due to the field commander, and he was entirely wrong. The movement to Bataan followed more or less expected procedure and was completed January 4th or 5th.

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Gen. Sutherland here said that the AC personnel was as fine as he ever saw anywhere during his thirty years in the army. It's potentials were tremendous and once the boys came under George's hand they developed into as fine an AF and as fine infantry troops as he ever saw. They did a wonderful job with poor arms. He particularly remembers the 17th at Aglaloma Bay, losing their machine gun positions and then retaking them as cockily as any regular troops he ever saw. And the AC unit on the eastern and of the line at Orion were the last to break and held together as a unit longest of any troops on Bataam.

But in the beginning they were under young officers who had little knowledge of how to look out for their men. They were technically highly trained, yet they had poor discipline. When the Japs took out Clark Field and Iba, the force disintegrated and for weeks we were pulling boys out of the bush. George's work with these young men was the greatest job Sutherland has ever seen. In 30 or 40 days he made them into seasoned troops.

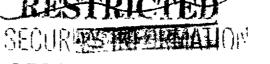
The rear echelon of GHQ left Manila on New Year's Eve, so it is obvious that there was no need for the wild retreat from Clark Field. That might some men went in after PT-13s which were the only planes that could land on Corregidor.

9 -- Provisions on Batsan?

We were throwing everything we could into Bataan by read and boat and we had a lot of stuff stored there. There had been talk of making Bataan a great storehouse, but little had been done before the war due to the meagre appropriations. We had started a field and the engineers had built their depot at Little Baguie. But it must be remembered that these plans before the war had called for a defence by small units -- instead of which an army poured into Bataan. A great deal was moved in and the AC performed a wonderful job in bringing in what they did.

The orders for this retreat, by the AC, were issued through their own commanders.

10 - Is it true that the Philippine Army in the south broke, thus upsetting the timing of the retreat?





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The 51st Division in the south broke and was rallied. Gen. Jones did as fine a job as a man could, and they held together all the way up after that and their breaking did not affect the schedule of the withdrawal. What did effect it was the break on Highway on 5 on Gen Mainwright's right, when the Japs broke through for 30 miles. Gen Sutherland at first did not believe this report but it was soon confirmed and he loaded tanks on trucks and mut them off to block the road. The meneuver case through and they held the Japs back until the southern army had got across the Calumpiti Bridge and blew it. The Mips used their air stupidly. Their show on the opening days was beautiful --- after that they never showed smart again, not when they had to find their own targets. Thank God for it.

Little Baguic had been started in the spring of '41. We brought more troops onto Bataan then our original plans called for, General MacArthur and Sutherland figured from the start that June 15th "was the absolute maximum we could hold out."

11 -- Is there a good overall report of the ground fighting on Bataan?

No. Satherland does not know of any report.

12 -- Would it not have been possible to evacuate more of the highly trained AC personnel -- especially from the group removed from Bataan as far as Mindanso? These men, especially the ground echelons, would have been of tremendous value later on in Australia.

Sutherland himself made the decision to move out every AC man and mechanic for whom transportation could be found. These old army men, mergeants and technicians especially, were absolutely worth their weight in gold. They could not be replaced. The same held true for highly trained pilots. It was obvious that the air force would be hugely expanded and these men were needed. He moved out all the men the planes could carry. And it should be said that no one asked to have them moved, no one in the AC. It was entirely his own decision.

At the end they had a small steamer ready to go, probably it was the Legaspi. But Sutherland would not release it as the moon was bright and he had reports of Jap. destroyers and submarines waiting for it outside the harbor. It stayed a week there in the stream and it had entirely AC personnel aboard.

The day MacArthur left, Sutherland sent 2 P-40s down to the limit of their range to cover the Mindoro passage. Everyone that

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evening had got into the PT boats and were waiting. Jinally the report came in of two destroyers in the passage so the PT boats had to alter their planned course and when Sutherland left the steamer was still being held. After he left someone else released it -- the next night; but it only got as far as a point opposite Culion Island before it was lost. A few got ashore on Culion.

Elsmore did a fine job on Mindanao and got the men out and built fields. He had a fine engineer from HQ. Hal Mads. Elsmore had asked for a good engineering officer and when Sutherland asked whom he wanted, he said Mads. Sutherland sent Mads down, though there was an awful howl in some places.







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