

the employment of smoke, and other special devices for improving the defenses of Pearl Harbor.

(3) That total joint plans be drawn for the effective coordination of naval and military aircraft operations, and ship and shore anti-aircraft gun fire, against surprise aircraft raids.

(4) That the Army and Navy Forces in Oahu agree on appropriate degrees of joint readiness for immediate action in defense against surprise aircraft raids against Pearl Harbor.

(5) That joint exercises, designed to prepare Army and Navy forces in Oahu for defense against surprise aircraft raids, be held at least once weekly so long as the present uncertainty continues to exist.

Your concurrence in these proposals and the rapid implementing of the measures to be taken by the Army, which are of the highest importance to the security of the Fleet, will be met with the closest cooperation on the part of the Navy Department.

Sincerely yours,

The Honorable The SECRETARY OF WAR,

/s/ FRANK KNOX

Copies to:

CINC. U. S. Pacific Fleet.

Com14

Op-22

Op-33

EXHIBIT No. 10

MEMORANDUM FOR ADMIRAL STARK

4 JUNE 1941.

The agreement entered into betwixt the Commanding General, Hawaiian Department, and the Commandant, 14th Naval District, in regard to joint action of the Army and Navy Air Corps in Hawaii provides:

(a) That in activities in the defense of Oahu and the other islands against enemy bombing attacks the command shall be vested in the Army Air Corps assisted by Navy fighters which may be available.

(b) That in a mission which involves bombing of enemy ships the command shall be vested in the Navy Air Commander in charge of the Base. Briefly, when an alarm is sounded the Navy patrol planes take off to locate the enemy ships and when located the Navy directs the efforts of the Army and Navy bombers in the offensive action which they take against the enemy ships.

The liaison betwixt the Army and Navy Air Corps in Hawaii is very satisfactory and weekly drills in air raid alarms with the two services acting in unison are held. These drills have developed many weaknesses but the conditions are steadily improving and it is felt they are in much better shape now than they were a few months ago. The conditions will continue to be unsatisfactory until certain equipment has been supplied and the personnel drilled in its use.

There are about 140 light Army planes (fighters and light bombers) and 21 heavy bombing Army planes now in the Islands. These in addition to some obsolescent bombers and fighters. It is believed that the number of Army bombers in the Islands should be at least four times the number that they have there now and it is felt these planes should be sent out as soon as it is practicable to do so.

There are not now a sufficient number of Army pilots to man all the Army planes in the Islands.

(Signed) H. E. KIMMEL.

Copies to

Gen. Marshall

Adm. King

Adm. Towers