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WAR DEPARTMENT
HEADQUARTERS OF THE ARMY AIR FORCES
WASHINGTON, D. C.

30 NOV 1943

SUBJECT: High Performance Propellers
For P-47 Airplanes.

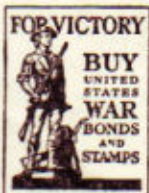
TO: Commanding General,
Materiel Command,
Wright Field,
Dayton, Ohio.

ATTN: Technical Executive.

REF: a. Materiel Command, Production Division letter, dated
26 November 1943, Ref: MAH: HP-90-C-1-2.
b. Materiel Command, Resources Control Section letter,
dated 13 November 1943, Ref: MAH:umh-90-A-1-2.
c. Materiel Command, Production Engineering Section
letter, dated 25 September, 1943, Ref: MP:BJD-70-3.

1. This Headquarters concurs in the recommendations submitted in reference (a) rather than the recommendations submitted in references (b) and (c) with the following provisos:

- a. That insofar as is possible an accurate tabulation be obtained of the number of P-47 airplanes that must of necessity be modified by changing to wide blade high performance propellers.
- b. That in accordance with the recommendations of Colonel Flickinger of the Eighth Air Force, propellers be shipped in lots of not less than twenty-five (25), and by the same token be not overshipped to an extent to tax modification facilities.
- c. That the Air Service Command be asked to assume the responsibility for the modification program in order that no wide blade high performance propellers remain in the United States until the modification program has been completed, and that special emphasis be placed on earmarking the Hamilton-Standard hydromatic spares in order that they be assigned to the United Kingdom where the



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airplanes, equipped with hydromatic propellers, will
be located.

d. That beginning 1 January 1944 all available high per-
formance propellers, and sets of wide blades, over
and above production airplanes requirements, be turned
over to the Air Service Command for use as modification
propellers and spare propellers as needed

2. Compliance with the above provisos rescinds all previous
directions and instructions made by this Headquarters concerning
wide blade, high performance propellers for P-47 airplanes.

By command of General ARNOLD:

B. W. Chidlaw, Col., A.C.
for
B. W. CHIDLAW,
Brig. General, U.S.A.
Chief, Materiel Division,
Office, AC/AS, MR&D.