

11-145

Address Reply and Envelope to
Commanding General
AAF Materiel Command
Production Division
Department 70-3
Wright Field
Dayton, Ohio

ARMY AIR FORCES
MATERIEL COMMAND

MX-512

Major W.H. Towner/hl
Ext. 2-1101

20 June 1944

~~CONFIDENTIAL~~

SUBJECT: Project P.P.F. - Installation
and Operating Instructions

TO: Commanding General
Air Service Command
Patterson Field, Ohio

CENTRAL FILES

Atten: Major C. S. Richards, ASCMM6

1. Final release on Project P.P.F. has been made approving 70" manifold pressure for the P-38, 65" manifold pressure (with and without water injection) for the P-47, and 75" manifold pressure for the P-51 (both the 1650-3 and 1650-7 engines).

2. Material as listed below has been reviewed and it is requested that it be assembled and forwarded overseas to appropriate activities:

- a. Exhibit A - General Instructions for P-38.
- b. Exhibit B - General Instructions for P-47.
- c. Exhibit C - General Instructions for P-51.
- d. Letter of transmittal of Operating Instructions for P-38-J and P-51B and P-51C Airplanes.
- e. Operating Instructions for P-51-B and -C.
- f. Operating Instructions for P-38-J.
- g. Letter making corrections to Lockheed Bulletin No. P-38/SB-259.
- h. Lockheed Bulletin P-38/SB-259.
- i. P-47 Technical Instructions.
- j. T.O. #01-65B-58 - Install. Stainless Steel Bolts in Exhaust System.
- k. T.O. #01-65BC-100 - Install. Stainless Steel Bolts in Turbo Exhaust Intake.
- l. Operating Instructions for P-47 Modified for P.P.F.
- m. Corrections to Packard Special Service Bulletin #98.
- n. Packard Bulletin #98 - Boost Control Aneroid Spring.
- o. Packard Bulletin #99 - Elim. Fuel Press. from Volute Drain.

COM. GEN.
TECH. EXC.
ADM. EXC.
C. O.
BUD. OFF.
EXP. ENG.
CONTRACT
INSP.
PROD. DIV.
PROD. ENG.
W.H. TOWNER
PROD. CONT.
I. P. S.
A. S. C.
TECH. DATA
CIV. PERS.
OTHERS

Archives

Classification cancelled
or changed to
AUTH: CD 306
By: [Signature] Signature and Grade
11-145

~~CONFIDENTIAL~~

Commanding General
Air Service Command
Patterson Field, Ohio
20 June 1944

-2-

- p. Packard Bulletin #100 - Replacing Manifold Seals.
q. North American Aviation Service Bulletin #73-104 - Install.
Bulged Exhaust Stacks.
r. T.O. #02-55AC-10 - Mod. of Manifold Pressure Regulator
on V-1650-3 and -7 Engines.
s. T.O. #02-55AC-21 - Mod. of Supercharger Volute Drain.
t. Power Curves (4 sheets) V-1650-3 and -7 Engines.

3. The above material completely covers necessary instructions for completion of all modifications required to the airplanes, and necessary operating instructions for the modified airplanes so that they may be utilized under the conditions set up for Project P.P.F.

For the Commanding General:

W. H. Townes, Maj.-a.c.
for
GEORGE E. PRICE
Colonel, Air Corps
Chief, Production
Engineering Section

~~CONFIDENTIAL~~