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

To: Commanding General
Air Service Command
Patterson Field, Ohio

Attn: Major C. S. Richards, ASC(MC)

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:

- Exhibit A - General Instructions for P-38.
- Exhibit B - General Instructions for P-47.
- Exhibit C - General Instructions for P-51.
- Letter of transmittal of Operating Instructions for P-38 and P-47.

- Operating Instructions for P-51-B and -C.
- Operating Instructions for P-38-J.
- P-47 Technical Instructions.
- T.O. #01-75B-56 - Install Stainless Steel Bolts in Exhaust System.
- T.O. #01-75BC-100 - Install Stainless Steel Bolts in Turbo Exhaust Intake.

- Operating Instructions for P-47 Modified for P.P.F.
- Corrections to Packard Special Service Bulletin #85.
- Packard Bulletin #98 - Boost Control Aneroid Spring.
Commanding General  
Air Service Command  
Patterson Field, Ohio  
20 June 1944

2.

P. Packard Bulletin #100 - Replacing Manifold Seals.
R. Bulged Exhaust Stacks.
S. T.O. #02-55AC-10 - Mod. of Manifold Pressure Regulator on V-1650-3 and -7 Engines.
T. T.O. #02-55AC-21 - Mod. of Supercharger Volute Drain.
U. 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. Tourner, Maj. a.c.

GEORGE B. PRICE  
Colonel, Air Corps  
Chief, Production  
Engineering Section

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