



REPUBLIC AVIATION CORPORATION
FARMINGDALE, LONG ISLAND, NEW YORK
SERVICE DEPARTMENT

August 26, 1947

Distributors' No. 47

SERVICE BULLETIN ANNOUNCEMENT

Subject: Service Bulletin #18 - Installation of Anti-Swirl Vanes in Carburetor Air Duct

Reason for change: To prevent excessive RPM drop off when carburetor heat is used. The addition of the anti-swirl vanes straightens the flow of air in the carburetor thereby preventing an excessively rich mixture when carburetor heat is used. This is a Mandatory Change.

Airplanes: Republic Serial No. 5 thru 1035 inclusive except the following which have already been modified at the factory: 767, 915, 948, 949, 957, 959 thru 999 inclusively, 1004 thru 1010 inclusive, 1014, 1019 thru 1025 inclusive. Serial No. 1036 and up have been modified at the factory prior to delivery.

Description of change: Remove carburetor, install three vanes in carburetor air intake duct and reinstall carburetor.

Parts Required: Parts required will be furnished in kits at no charge.

Labor Credit: Approximately 4 man-hours are required to accomplish this change. An allowance of \$6.00 will be made on each installation to cover labor cost on airplanes within the warranty period at the time the modification is accomplished. This allowance will be credited to the distributor's account for each airplane on which the change has been completed immediately on receipt of the distributor's invoice showing that the installation has been made without charge to the owner. Forward to Service Department.

Bulletin Distribution: Service Bulletins are attached for distribution to owners as notice of this change. (Service Bulletin #18)

Compliance Kits: Kits are being forwarded. Each kit will contain all required parts as well as a copy of the Service Bulletin.

W.H. Ehmnan
Service Manager