



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

March 10, 1947

Distributor's No. 32

SERVICE BULLETIN ANNOUNCEMENT

Subject: Service Bulletin No. 11 – “Inspection and Reinforcement of Mixture Control Support Flange on Air Filter Housing”.

Reason for Change: Due to three recent failures, subject modification should be made to prevent the mixture control support flange on the air filter housing from breaking loose due to vibration and causing the mixture control to go into idle cut off. Such a failure in flight could cause a forced landing.

Airplanes Affected: Republic Serial Nos. 5 thru 303, 305 thru 367, 369 thru 398, 400 thru 445, 448 and 449, 451 thru 454, 456 thru 459, 461 thru 466, 469 and 470, 472, 474, 479 and 482. Serial Nos. 304, 368, 399, 446, 447, 450, 455, 460, 467, 468, 471, 473, 475, 476, 477, 478, 480, 481, 483 and up have already had this change accomplished in production.

Description of Change: This change involves immediate inspection of the part. If no crack is evident, a preflight inspection should be made until the reinforcement is added.

Parts Required: Material and hardware required are to be obtained locally.

Labor Credit: Approximately three man-hours are required to accomplish the change. An allowance of \$4.50 will be made on each installation to cover labor costs on airplanes within the warranty period at the time the modification is accomplished. This allowance will be credited to your account for each airplane on which the change has been completed immediately on receipt of your invoice showing that the installation has been made without charge to the owner. Forward to the Service Department.

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

W. H. Ehmman
Service Manager

FOR DISTRIBUTOR'S INFORMATION ONLY