



SERVICE BULLETIN

No. 479B

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"DOA EA- 1 APPROVED"

March 23, 1976

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(This bulletin supersedes and voids all previous Service Bulletin No. 479 editions and Service Bulletin No. 457, dated June 3, 1975).

Subject: Alternate Air Door Magnetic Catch Assembly Modification/Replacement; Engine Induction Air **System**.

Reason for Revision: Availability of new improved Alternate Air Door Magnetic Catch Installation.

Models Affected: Serial Numbers Affected:

PA-31-325 Navajo C/R

PA-31-350 Navajo Chieftain

31-7400990, 31-7512006 to 31-7612030 Inclusive

31-5001 to 31-7652066 Inclusive

Refer to Material Required, below to determine modification/replacement requirements relative to the above aircraft.

Compliance Time: Within the next fifty (50) hours of operation.

NOTE:

Affected aircraft that have complied with prior editions of this service release are required to comply with the provisions of this service release.

Purpose: Prior configurations of the Alternate Air Door Magnetic Catch Assembly installed on the above referenced aircraft were subject to replacement and/or repetitive inspections to alleviate inadvertent opening of the alternate air door or detachment of the magnet from the catch assembly (with subsequent possible ingestion of the magnet by the turbocharger induction system).

This service release provides material and instructions to modify the engine induction air system to incorporate the latest configuration Alternate Air Door Magnetic Catch Assembly designed to resist the effects of vibration - induced wear and to prevent detachment of the magnet and possible subsequent damage to the turbocharger.

(over)

Instructions:

Contained in Piper Kit Number 761 037, Alternate Air Door Magnetic Catch Modification and 761 038, Alternate Air Door Magnetic Catch Replacement, whichever applies (reference Material Required, below).

Material Required:

1. One (1) each per aircraft Piper Kit Number 761 037, Alternate Air Door Magnetic Catch Modification, applicable to the following aircraft:

- a. PA-31-325 serial numbers 31-7400990, 31-7512006, 31-7512008 to 31-7512012 Inclusive, 31-7512015 and 31-7512021

PA-31-350 serial numbers 31-5001 to 31-7552027 Inclusive, 31-7552029 to 31-7552036 Inclusive, 31-7552038 to 31-7552040 Inclusive and 31-7552042 to 31-7552044 Inclusive - that have complied with Piper Service Bulletin Nos. 457 and/or 479A.

- b. PA-31-325 serial numbers 31-7512007, 31-7512018, 31-7512019, 31-7512020, 31-7512022 to 31-7612030 Inclusive

PA-31-350 serial numbers 31-7552028, 31-7552037, 31-7552041, 31-7552045 to 31-76552066 Inclusive.

2. One (1) each per aircraft Piper Kit Number 761 038, Alternate Air Door Magnetic Catch Replacement, applicable to aircraft listed in 1.a., above, that have not complied with Piper Service Bulletin Nos. 457 and/or 479A.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

This service bulletin is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance in accordance with the provisions of Compliance Time, above. Material required for this modification is available through your Piper Field Service Facility at no charge for a period of time not to exceed twelve (12) months from publication date.