



SERVICE BULLETIN

No 363

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

February 19, 1973 M

Subject:

Cowl Shield Installation

Models Affected:

PA-31 and PA-31-300 Navajo
PA-31-350 Navajo Chieftain

Serial Numbers Affected:

31-2 to 31-542 incl., 31-544 to 31-7300937 incl.
31-5001 to 31-7305012 incl.

Compliance Time:

At the next 100-hour inspection or annual inspection, whichever occurs first, but not later than the next 100 hours of operation.

Purpose:

Field reports have recently been received describing alternator system malfunctions on the above referenced aircraft. Subsequent review revealed that this type of electrical system disturbance was caused by exposure of the alternator belts and pulleys to heavy precipitation.

This Service Bulletin provides material and instructions to install cowl shields to deflect precipitation from the alternator pulley/belt area.

Instructions:

Contained in Cowl Shield Installation Kit, Piper Part No. 760 689.

Material Required:

1. PA-31 and PA-31-300 Navajo without air conditioning; two (2) each (per aircraft) Cowl Shield Installation Kit, Piper Part No. 760 689.
2. PA-31 and PA-31-300 Navajo with air conditioning; one (1) each per aircraft (left engine only) Cowl Shield Installation Kit, Piper Part No. 760 689.
3. PA-31-350 Navajo Chieftain with or without air conditioning; one (1) each per aircraft (left engine only) Cowl Shield Installation Kit, Piper Part No. 760 689.

Availability of Parts:

Your Piper Dealer.

Effectivity Date:

This Service Bulletin is effective February 28, 1973.

Summary:

Please contact your Piper Dealer to make arrangements for compliance with this Service Bulletin. Material associated with this Service Bulletin is available free of charge through your Piper Dealer providing this modification is accomplished by a Piper Dealer.

BULLETIN SUPPLEMENT - PROCEDURAL OPERATING INFORMATION

Material Allowance:

1. PA-31 and PA-31-300 Navajo without air conditioning; two (2) each (per aircraft) Cowl Shield Installation Kit, Piper Part No. 760 689.
2. PA-31 and PA-31-300 Navajo with air conditioning; one (1) each per aircraft (left engine only) Cowl Shield Installation Kit, Piper Part No. 760 689.
3. PA-31-350 Navajo Chieftain with or without air conditioning; one (1) each per aircraft (left engine only) Cowl Shield Installation Kit, Piper Part No. 760 689.

Comply with Service Publication Compliance/Credit Request procedure.

Labor Allowance:

Not applicable.

Disposition of Parts in Stock:

Not applicable.

Disposition of Replaced Parts:

Not applicable.

NOTE:

Kit 760689 suggested unit retail price --- \$10.20 A.