

SERVICE LETTER

SUBJECT: KSM 375-3 SERVO MOUNTS (P/N: 985.92.03.171/173)

Operators

Date: 22 March 1995

The attention of PC-12 Operators with Manufacturers Serial Number (MSN) 101 thru 111 is drawn to the attached vendor information in Annex A which is attached to this Service Letter. This gives advance information on the following subject:

ANNEX "A" Bendix King Service Bulletin No. KSM 375-3 - Servo Mount.

Operators are requested to comply fully with the contents of this Service Bulletin.

All specific queries concerning this subject should be addressed direct to the vendor.

Should any difficulty be encountered, inquiries can be made to the following address:

PILATUS AIRCRAFT LTD.
CUSTOMER LIAISON MANAGER.
CH-6370 STANS, Tel:
SWITZERLAND. Fax:

+ 41-41-636 509
+ 41-41-613 351

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Annex A to Pilatus Service Letter No: PC-12 004

Bendix King Service Bulletin No. KSM 375-3

(2 Pages)

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BENDIX/KING® Service Bulletin

SERVICE BULLETIN

KSM 375-3
Servo Mount

EFFECTIVITY

KSM 375, all part numbers, serial number 7524 and below.

Units with serial numbers above those stated have Mod 3 incorporated during original manufacturing.

REASON

To require an inspection of the Servo mount to insure that the helicoils are installed in the unit correctly. This type of deficiency is normally found during initial installation and would not be put into service without some sort of maintenance action.

DESCRIPTION

This modification consists of gaining access to the KSM 375 units in the aircraft, inspecting them for correct installation of the helicoils, and marking the units Mod status accordingly. If the unit does not have Mod 3 the unit should be replaced with one that does.

COMPLIANCE

Required at next annual Flight Control inspection per Service Memo 292, P/N 600-08292-0003.

WARRANTY INFORMATION

Warranty credit or payment will be issued for this modification if the unit is still under the original new product warranty and the modification is completed by an appropriately rated BENDIX/KING Service Center. A properly completed warranty claim for one half (0.5) hour labor plus parts may be submitted.

APPROVAL

Conforms to FAA TSO: C9c.

MANPOWER

One half (0.5) hour labor.

REFERENCES

KSM 375 Maintenance/Overhaul Manual, P/N 006-05580-XXXX, the figures in this bulletin, and Service Memo 292, P/N 600-08292-0003.

MODIFICATION PROCEDURE

This modification is an inspection procedure to insure that the helicoil inserts used in the KSM 375, to mount the servo, are installed correctly.

1. During an annual flight control inspection, or other appropriate aircraft inspection procedures, gain access to each of the KSM 375 installations. Remove the four servo mount bolts and remove the servo. In most cases the KSM 375 and helicoils will be visible, but if not, removal of the servo mount will be required. Check the KSM 375 mod status. If the unit has Mod 3, reinstall the servo, the unit already complies with Mod 3.
2. If the unit does not have Mod 3, inspect the helicoils in each of the four servo mount bolt holes. Insure that the helicoil threads are uniform and have not deformed the threads on the servo mount bolts. Make sure that the helicoils are not protruding out of either side of the servo mount plate and that the servo mount bolts can be threaded into each helicoil easily without cross threading.
3. Mark the KSM 375 Mod 3 and reinstall the servo. Insure that the servo mount bolts thread into and tighten down to the KSM 375 easily and without crossthreads.
4. If the KSM 375 appears to have damaged helicoils or tapped holes, it should be replaced. A replacement unit should be ordered from AlliedSignal. The replacement unit will come from AlliedSignal with properly installed helicoils and will be marked Mod 3.

TESTING PROCEDURE

Complied within the Modification Procedure.

IDENTIFICATION PROCEDURE

An "X" stamped on the mod status tag indicates that Mod 3 is complete.

MATERIAL INFORMATION

The only part that may be required may be a KSM 375 unit.