



SERVICE BULLETIN

AIR - H.P. COMPRESSOR VARIABLE STATOR VANE ACTUATOR (VSVA) AND L.P. COMPRESSOR BLEED
MASTER ACTUATOR - TORQUE MOTOR - SEALING RING REPLACEMENT - CATEGORY CODE 4 -
MOD.ENG-75-0015

1. Planning InformationA. Effectivity

(1) Aircraft: Airbus A320

(2) Engine: V2500-A1 Units Listed below

Variable stator vane
actuator Serial No.LP Compressor bleed master
actuator Serial No.

1685-001

1666-014

1685-010

1666-015

1685-012

1666-016

1685-017

1666-019

1685-019

1666-028

1685-023

1666-076

1685-024

1666-077

1685-030

1666-090

1685-032

1666-091

1685-033

1666-099

1685-041

1666-103

1685-044

1666-160

1685-047

1685-053

1685-055

1685-058

1685-060

1685-061

1685-064

1685-069

1685-093

1685-122

1685-125

1685-132

B. Reason

During manufacture, seals of an unacceptable short life were fitted at the joint flanges between:

(1) The torque motor and the VSVA body

(2) The torque motor and the L.P. compressor bleed master actuator body
(similar manufacturing process).

V2500-ENG-75-0015



This requires that a number of units are returned to the supplier for inspection/replacement of the torque motor sealing rings.

C. Compliance

Category Code 4

Accomplish at the first visit of an engine to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action or the reason for engine removal.

D. Approval

The "Compliance" statement, and the requirement for performing the unit changes specified in Paragraph F. of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.

E. References

(1) Internal Reference No.

RFA 122-90

(2) Other references

A320/V2500 Aircraft Maintenance Manual.

F. Action

(1) H.P. compressor variable stator vane actuator (VSVA)

Replace the H.P. compressor variable stator vane actuator, 1685Mk4, that bear the VSVA Serial Numbers shown under 1.A. "Effectivity" as follows:

(a) Replace the VSVA in accordance with instructions in the Aircraft Maintenance Manual TASK 75-32-41-000-010.

(b) Return the removed VSVA to the manufacturer for seal replacement.

(c) Return all spare VSVA's that bare the serial numbers shown under I.A. "Effectivity" to the manufacturer for seal replacement.

A record of accomplishment is required

(2) L.P. Compressor bleed master actuator

Replace the L.P. Compressor bleed master actuator, 5L023, that bear the L.P. compressor bleed master actuator serial numbers shown under 1.A. "Effectivity" as follows:



SERVICE BULLETIN

- (a) Replace the L.P. compressor bleed master actuator with instructions in the Aircraft Maintenance Manual, TASK 75-31-42-000-010.
- (b) Return the removed L.P. compressor bleed master actuator to the manufacturer for seal replacement.
- (c) Return all spare LP compressor bleed master actuators that bare the serial numbers shown under 1.A. "Effectivity" to the manufacturer for seal replacement.

A record of accomplishment is required.

