



ENGINE - OIL - PROVIDE AN IMPROVED SIGHT GLASS - CATEGORY CODE 7 - MOD.ENG-79-0030

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines Serial No. V0180 through V0280 and engines incorporating SBE-79-0025

B. Reason

(1) Condition

The existing sight glass has not demonstrated the desired reliability.

(2) Background

This condition was observed in production.

(3) Objective

To improve part reliability.

(4) Substantiation

A 150 hours endurance test has successfully been carried out

(5) Effects of Bulletin on Workshop Procedures:

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not Affected
Repair	Not affected
Testing	Not affected

C. Description

- (1) The changes introduced by this Service Bulletin are as follows:

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(a) The improved sight glass is composed of two shells encapsulating the lens and locked with sealant.

(b) The gasket material is more soft to insure a better sealing function.

D. Approval

The part number changes and part modifications described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulation and are FAA-APPROVED for the Engine Model listed.

E. Compliance

Category 7

Accomplish when the supply of the superseded parts have been depleted.

F. Manpower

Estimated man-hours to incorporate the full intent of this Bulletin:

Venue	Estimated Man-hours
(1) In service	Not applicable
(2) At overhaul	Not applicable (Parts are accessible at overhaul)

G. Material - Price and Availability

- (1) Modification Kit not required.
- (2) See "Material information" section for prices and availability of future spares.

H. Tooling - Price and Availability

None

I. Weight and Balance

(1) Weight change	Not significant
(2) Moment arm	No effect
(3) Datum	Engine front mount centerline (Powerplant Station (P.P.S) 100)

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J. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

K. References

(1) Internal Reference No.

EC91VF024

EC91VF024-01

(2) Other References

A320/V2500 Aircraft Maintenance Manual Chapter/Section 71-00-00  
Maintenance Practice

L. Other Publications Affected

- (1) The V2500 Illustrated Parts Catalog, Chapter/Section 79-11-41 to add the new parts.
- (2) The V2500 Power Plant Illustrated Parts Catalog, Chapter/Section 79-11-41, to add the new parts.
- (3) The V2500 Component Maintenance Manual, Chapter/Section 79-11-41 Assembly/Disassembly to add new parts.



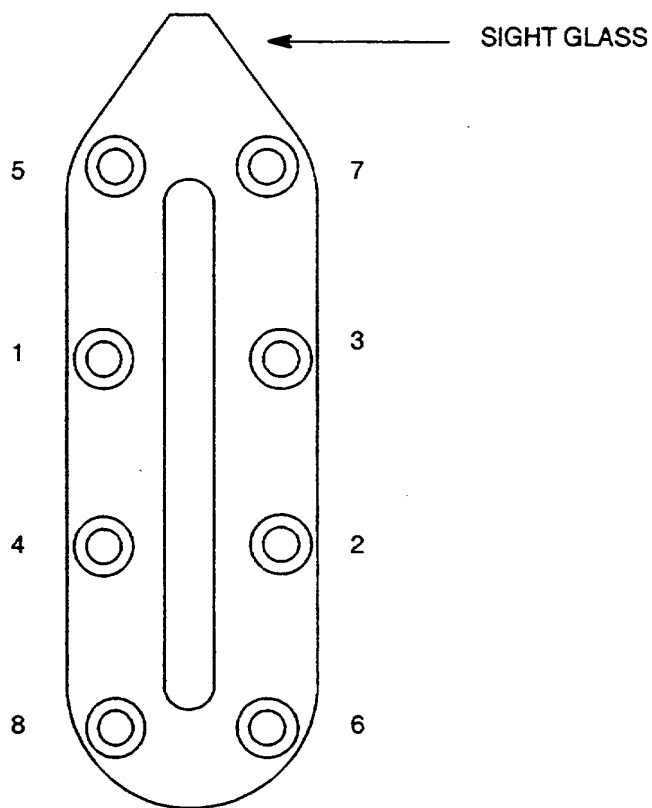
2. Accomplishment instructions

A. Rework instructions

- (1) There are no rework instructions for this service bulletin.

B. Disassembly/Assembly instructions.

- (1) Remove the sight glass 4T7921
  - (a) Remove and discard the TORX5703-10 screws (8 off).
  - (b) Take out and discard the 4T7921 sight glass and the 4T7921-02 gasket
- (2) Install the new 4T7926 sight glass
  - (a) Place the new 4T7926-02 gasket and the new 4T7926 sight glass.
  - (b) Place 4T0510 screws (8 off) in their seats and make sure you engage properly the helicoil
  - (c) Run down the screws in a cross sequence from No. 1 to 8 until they are seated. See Figure 1.
  - (d) Torque the screws, always in the correct sequence, to between 27.0 and 29.0 lbfin (0.305 to 0,327 md.N)



RUN DOWN AND TORQUE THE SCREWS IN THE SEQUENCE FROM 1 TO 8

dec0001439

SCREW TORQUE SEQUENCE  
Fig.1

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## SERVICE BULLETIN

3. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin

None

B. Parts affected by this Bulletin

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instruction Disposition
4T7926 (79-11-41)	1	1309.00	.Sight glass	4T7921 (01-081)	(A) (B) (S1)
4T7926-02 (79-11-41)	1	53.00	..Gasket,Sight Glass	4T7921-02 (01-083)	(A) (B) (S1)
4T0510 TORX5703-13 (79-11-41)	8	7.25	.Screw	TORX5703- 10 (01-200)	(A) (B) (S1)

C. Instructions/Disposition code Statements:

- (A) New Parts are currently available for sale.
- (B) Old part will no longer be available for sale.
- (S1) New parts coded (S2) must replace old parts as a complete set per engine.

NOTE: The estimated 1993 Unit Prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

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