



STANDARD PRACTICES - ENGINE - INFORMATION - AIR - TO ANNOUNCE A NEW HPT/LPT ACC AIR VALVE ASSEMBLY WITH STRENGTHENED CAMBOX - CATEGORY CODE 7 - MOD.ENG-70-0050

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1

B. Reason

To provide a new HPT/LPT ACC air valve assembly with strengthened cambox and reduced valve flange thickness.

C. Compliance

Category Code 7

Accomplish when supply of superseded part has been depleted.

D. Approval

The part number transaction shown under the Material Information paragraph has 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.

89VJ076

- (2) Other References

Parker Hannifin Corporation Service Bulletin 5860017-75-61

F. General Information

- (1) 5W162 HPT/LPT ACC air valve assembly has been provided to supersede 5W2083 HPT/LPT ACC air valve assembly. New valve assembly featuring reinforced cambox and reduced valve flange thickness provides increased stiffness and weight reduction.
- (2) This Bulletin is being issued to provide a historical progression of valve configurations. See Service Bulletins V2500-ENG-75-0012 and V2500-ENG-75-0021 for later valve configurations.

V2500-ENG-70-0050



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G. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Supply Status
5W2162 (75-24-51)	1	*	Valve assembly, HPT/LPT ACC air	5W2083 (01-100)	(1)(A)

- (1) Old and New parts are fully interchangeable, both physically and functionally.  
(A) New part is no longer available.

NOTE: \* Contact vendor for new part price

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V2500-ENG-70-0050



Customer Support Operations

# SERVICE BULLETIN

AIR - V2500 - HPT/LPT ACC AIR VALVE ASSEMBLY. INTRODUCTION OF PART NUMBER 5860016-109 WITH A STRENGTHENED CAM BOX.

## 1. PLANNING INFORMATION

### A. Effectivity

This service bulletin is applicable to the Parker Hannifin Corporation HPT/LPT ACC Air Valve Assembly, Part Number 5860016-107 (5W2083), (hereafter referred to as the ACC Valve) as used on the IAE V2500 engines.

### B. Reason

This service bulletin is issued to announce the new 5860016-109 (5W2162) HPT/LPT Valve with a strengthened cam box and reduced valve flange thickness.

### C. Description

This service bulletin provides introduction of the 5860016-109 (5W2162) ACC Valve as alternate and interchangeable to the 5860016-107 (5W2083) ACC Valve in V2500 engines.

### D. Compliance - Category 7

Accomplish when supply of superseded parts have been depleted.

### E. Approval

(1) This service bulletin has been approved by International Aero Engines (IAE).

(2) The part number modifications described in this service bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-Approved for the V2500 engine.

### F. Manpower

Not applicable.

### G. Material - Cost and Availability

Not applicable.

### H. Tooling - Price and Availability

Not applicable.

### I. Weight and Balance

Not affected.

# 5860016-75-61

7 Mar 1991

Page 1 of 2



Customer Support Operations

## SERVICE BULLETIN

J. Electrical Load Data

Not affected.

K. References

International Aero Engines IAE Engineering Change No. 89VJ076

L. Other Publications Affected

The information contained within this service bulletin has been incorporated in Parker Hannifin Corporation Component Maintenance Manual 75-24-51.

M. Family Tree Chart

Not applicable.

2. ACCOMPLISHMENT INSTRUCTIONS

Not applicable.

3. MATERIAL INFORMATION

Not applicable.

**5860016-75-61**

7 Mar 1991

Page 2 of 2