



STANDARD PRACTICES - ENGINE - INFORMATION - AIR - TO ANNOUNCE A NEW HPT/LPT ACC VALVE
ACTUATOR - CATEGORY CODE 7 - MOD.ENG-70-0113

1. Planning Information

A. Effectivity

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

B. Reason

To provide a new ACC valve actuator with increased edge distance of LVDT position indicator slot.

C. Compliance

Category Code 7

Accomplish when supply of superseded parts have been depleted.

D. Approval

The part numbers transaction shown under 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.

90VJ008

- (2) Other References

Parker Hannifin Corporation Service Bulletin No. 5860017-75-57

F. General Information

- (1) Other publications affected:

- (a) V2500 Engine Illustrated Parts Catalog will be revised to include the new parts.

- (b) V2500 Power Plant Illustrated Parts Catalog will be revised to include the new parts.

V2500-ENG-70-0113



International Aero Engines
INFORMATION BULLETIN

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.)	Instructions Disposition
5W2189 (75-24-52)	1	-	Actuator, HPT/LPT ACC Valve	5W2186 or 5W2085 or 5W2164 (01-100)	(1) (A)

(1) Old and New parts are fully interchangeable, both physically and functionally.

(A) New part will be available soon.

NOTE: The estimated 1991 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.

Printed in Great Britain

V2500-ENG-70-0113



Customer Support Operations

SERVICE BULLETIN

AIR - V2500 - HP/LP ACC ACTUATOR, PART NUMBER 5860017-113. UPGRADE TO 5860017-114 CONFIGURATION.

1. PLANNING INFORMATION

A. Effectivity

This service bulletin is applicable to the Parker Hannifin Corporation HP/LP ACC Actuator (hereafter referred to as the Actuator) Part Number 5860017-113, used on the IAE V2500 engines.

B. Reason

This service bulletin is issued to advise all Model V2500 operators of an upgrade to the actuator that increases the strength of the body assembly and associated LVDT arm. If the Actuator body assembly is broken or cracked, operators are instructed to return the actuator assembly for replacement with a new body assembly.

C. Description

This service bulletin provides accomplishment instructions for replacing the damaged body assembly and the associated LVDT arm with a new body assembly, Part Number 5863080-105, and a new LVDT arm, Part Number 5883247-102. This service bulletin also provides instructions for the reidentification of the actuator.

D. Compliance

The intent of this service bulletin is classified as an Operation Improvement. The compliance recommendation, therefore, falls into the operator's decision category as defined by the ATA Implementation Guideline Manual (IGM 1) of April 1976.

E. Approval

- (1) This service bulletin has been approved by International Aero Engines (IAE).
- (2) This service bulletin has been reviewed by the Federal Aviation Administration (FAA) and the repairs and modifications herein comply with the applicable Federal Aviation Regulations (FARS) and are FAA APPROVED for installation on the IAE V2500 engine.

F. Manpower

The man hour estimates for this service bulletin are not applicable to airline operators.

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Customer Support Operations

SERVICE BULLETIN

G. Material - Cost and Availability

NOTE: For operators who require replacement of a broken or cracked body assembly.

- (1) Accomplishment of this service bulletin is to be completed by Parker Hannifin Corporation. Operators are instructed to forward the actuator to:

PARKER HANNIFIN CORPORATION
Customer Support Operations
16666 Von Karman Avenue
Irvine, California 92714
USA

- (2) Accomplishment of this service bulletin will be completed at no cost to the operator with a turnaround time of 30 days after receipt of the actuator, beginning 165 days after issuance of this service bulletin.
- (3) The no charge provisions of this service bulletin shall be valid for 36 months from the date of issuance of this service bulletin.

H. Tooling - Price and Availability

Not applicable.

I. Weight and Balance

Not affected.

J. Electrical Load Data

Not affected.

K. References

- (1) Parker Hannifin Corporation Component Maintenance Manual, CMM 75-24-52, Revision 0, dated Nov 1/88.
- (2) Parker Hannifin Corporation Service Bulletin 5860017-75-51, dated 3 Oct 1990.

L. Other Publications Affected

This service bulletin information will be incorporated into Parker Hannifin Corporation Component Maintenance Manual, CMM 75-24-52, at the next scheduled revision.

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SERVICE BULLETIN

M. Family Tree Chart

PART NUMBER	NOMENCLATURE	5860017 -109	5860017 -111	5860017 -113	5860017 -114
5861017-109	ACTUATOR ASSY	X			
5883247-101	ARM, LVDT	X			
5863080-103	BODY ASSY, Actuator	X			
5891017-101	ACTUATOR ASSY		X		
5883247-101	ARM, LVDT		X		
5863080-103	BODY ASSY, Actuator		X		
5891017-103	ACTUATOR ASSY			X	
5883247-101	ARM, LVDT			X	
5863080-104	BODY ASSY, Actuator			X	
5891017-104	ACTUATOR ASSY				X
5883247-102	ARM, LVDT				X
5863080-105	BODY ASSY, Actuator				X

2. ACCOMPLISHMENT INSTRUCTIONS

NOTE: For operators who require replacement of a broken or cracked body assembly.

- A. Accomplishment instructions are not applicable to airline operators.
- B. All actuators shall be returned to Parker Hannifin Corporation for accomplishment of this service bulletin.
- C. All actuators returned from Parker Hannifin Corporation after incorporation of this service bulletin shall be reidentified as follows:

P/N 5860017- 114 REV K
P/L 5891017- 104 REV C
ACD NO 424JM BLD STD 29
IAE P/N 5W2189

3. MATERIAL INFORMATION

Not applicable.

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