



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**CVG ACTUATOR - INSPECTION/CHECK**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedure to inspect the CVG vane actuator.
- B. These procedures are applicable to the LH and RH engines.
- C. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
75-33-01-200-801-A	CVG VANE ACTUATOR - INSPECTION	ALL



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TASK 75-33-01-200-801-A

EFFECTIVITY: ALL

2. CVG VANE ACTUATOR - INSPECTION

A. General

- (1) To inspect the CVG vane actuator, obey the instructions in Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower Cowling	RH Engine
414	Upper Cowling	LH Engine
424	Upper Cowling	RH Engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine	01

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
01	Does the task	Engine work area



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I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 71-00-00/200 TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.**

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
  - START 1/2.
- (2) Open the lower cowling ([AMM TASK 71-12-01-000-801-A/400](#)).
- (3) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)).

J. Inspection

SUBTASK 211-002-A

- (1) Inspect the CVG vane actuator. Refer to the last revision of Rolls-Royce MM CSP 34022.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)) if applicable.
- (2) Close the lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).
- (3) Remove the workstand.
- (4) Remove the DO-NOT-CLOSE tags and close the applicable circuit breakers.
  - START 1/2.
- (5) Refer to the Rolls-Royce MM CSP 34022 to do the related check procedures after an engine LRU maintenance procedure, as applicable.

