



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**CVG ACTUATOR - REMOVAL/INSTALLATION**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove/install the CVG 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
75-33-01-000-801-A	CVG ACTUATOR - REMOVAL	ALL
75-33-01-400-801-A	CVG ACTUATOR - INSTALLATION	ALL



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TASK 75-33-01-000-801-A

EFFECTIVITY: ALL

2. CVG ACTUATOR - REMOVAL

A. General

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

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-12-01-000-802-A/400	ENGINE LOWER COWLING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH Engine
423	Lower cowling	RH Engine
412	Upper cowling	LH Engine
422	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	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	Engine work area

I. Preparation

SUBTASK 841-002-A

**WARNING: MAKE SURE THE ENGINE START/STOP SWITCH IS IN THE “OFF” POSITION TO PREVENT AN ACCIDENTAL ENGINE OPERATION.**

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:



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- START 1/2.

- (2) Remove the lower cowling ([AMM TASK 71-12-01-000-802-A/400](#)).
- (3) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)).

J. Removal

*SUBTASK 020-002-A*

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



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TASK 75-33-01-400-801-A

EFFECTIVITY: ALL

3. CVG ACTUATOR - INSTALLATION

A. General

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

B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
AMM TASK 71-12-01-400-802-A/400	ENGINE LOWER COWLING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH Engine
423	Lower cowling	RH Engine
412	Upper cowling	LH Engine
422	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 work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	Engine work area

I. Installation

SUBTASK 420-002-A

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



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J. Follow-on

SUBTASK 842-002-A

- (1) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)).
- (2) Install the lower cowling ([AMM TASK 71-12-01-400-802-A/400](#)).
- (3) Remove the Workstand.
- (4) Remove the DO-NOT-CLOSE tags and close the applicable circuit breakers.
  - START 1/2.

