



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TURBINE - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the borescope inspection of the turbine section.
- B. 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
72-51-01-200-801-A	TURBINE SECTION - INSPECTION	ALL



# AIRCRAFT MAINTENANCE MANUAL

TASK 72-51-01-200-801-A

EFFECTIVITY: ALL

## 2. TURBINE SECTION - INSPECTION

### A. General

- (1) To do the borescope inspection of the turbine section, see the instructions contained 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

### 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
1	Does the task	Engine

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 the circuit breakers below and attach a DO-NOT-CLOSE tag to them.
  - START 1/2.
- (2) Put the workstand in the work area.
- (3) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)) to get access to the engine.

J. Inspect Turbine Section

**SUBTASK 290-002-A**

- (1) Do a borescope inspection of the turbine section. 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](#)).
- (2) Remove the workstand.
- (3) On the circuit breaker panel, close the circuit breaker as below and remove the DO-NOT-CLOSE tag from it.
  - START 1/2.
- (4) Refer to the Rolls-Royce MM CSP 34022 to do the related check procedures after an engine LRU maintenance procedure, as applicable.

