



AIRCRAFT
MAINTENANCE MANUAL

ENGINE FIRE WARNING - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This task gives the procedures to do an inspection on the engine after an engine fire warning.
- 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
05-50-09-200-801-A	ENGINE FIRE WARNING	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 05-50-09-200-801-A

EFFECTIVITY: ALL

2. ENGINE FIRE WARNING

A. General

- (1) This task gives the procedures to do an inspection on the engine after an engine fire warning.

B. References

REFERENCE	DESIGNATION
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
Rolls-Royce Maintenance Manual CSP 34022	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH Engine cowling door
423		RH Engine cowling door
415		LH Engine
425		LH 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	Nacelles

I. Preparation

SUBTASK 841-002-A

- (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) Open the lower cowling ([AMM TASK 71-12-01-000-801-A/400](#)) to get access to the engine.

J. Inspect the Engine after an Engine Fire Warning

SUBTASK 200-002-A

**WARNING: DO NOT TOUCH THE ENGINE COMPONENTS UNTIL THEY ARE COOL.
THE TEMPERATURE STAYS HOT AFTER THE ENGINE STOPS.**

- (1) Examine the nacelle components as follows after an engine fire warning:
 - (a) Examine the nacelle interconnecting rods and fittings for general condition and paint for discoloration or blistering.

NOTE: • Light brown color shows that the parts were at temperatures near 150°C-200°C (300°F-400°F).
• A dark brown color shows that the area received too much heat.
 - (b) Replace the parts that shows a dark brown color.
- (2) Examine the engine for damage. Refer to Rolls-Royce Maintenance Manual CSP 34022.

K. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag to them:
 - START 1/2.
- (2) Remove the workstand from the work area.
- (3) Close the lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).

