



AIRCRAFT
MAINTENANCE MANUAL

MAGNETIC CHIP MONITOR - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to do the functional check of the magnetic indicating plug.
- 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
79-34-01-700-801-A ♦	MAGNETIC INDICATING PLUG - FUNCTIONAL CHECK	ALL



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TASK 79-34-01-700-801-A

EFFECTIVITY: ALL

2. MAGNETIC INDICATING PLUG - FUNCTIONAL CHECK

A. General

(1) Obey the instructions that follow to do the functional check of the magnetic indicating plug.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
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 MM CSP 34022 Task 79-37-10-700-801	-
S.B.145-45-0001	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH engine lower cowling
423		RH engine lower cowling

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.

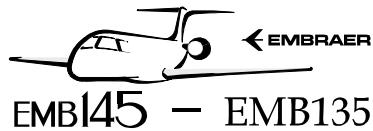
- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them.
 - START 1/2.
- (2) Energize the aircraft with an external DC-power supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Put the workstand in the work area.
- (4) Open the lower cowling ([AMM TASK 71-12-01-000-801-A/400](#)).

J. Functional Check of Indicating Magnetic Plug Assembly (Figure 501)

SUBTASK 720-002-A

- (1) For aircraft PRE-MOD. [S.B.145-45-0001](#), on the maintenance panel, make sure that the CMC RESET/INHIBIT switch is set to the normal (intermediate) position.
- (2) For aircraft POST-MOD. [S.B.145-45-0001](#), on the maintenance panel, set the CMC RESET/ENABLE switch to the ENABLE position.
- (3) Make sure that the ENG 1/2 OIL DEBRIS message is not shown on the MFD maintenance page.
- (4) Remove the electrical connector (2) from the magnetic indicating plug (1).
- (5) Close the circuit between pins A and B of the electrical connector with an applicable jumper.

NOTE: Make sure that the jumper makes contact with the electrical connector pins correctly.
- (6) Stop for a minimum of 5 minutes.
- (7) Make sure that the MFD maintenance page shows the ENG 1/2 OIL DEBRIS message.
- (8) Remove the jumper from between pins A and B of the electrical connector.
- (9) Do the test of the magnetic plug. Refer to the latest revision of Rolls-Royce MM CSP 34022 Task 79-37-10-700-801.
- (10) Make sure that the electrical connector (2) is connected to the magnetic indicating plug (1).
- (11) For aircraft POST-MOD. [S.B.145-45-0001](#), on the maintenance panel, set the CMC RESET/ENABLE switch to the normal (intermediate) position.



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K. Follow-on

SUBTASK 842-002-A

- (1) Close the lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).
- (2) Remove the workstand.
- (3) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (4) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them.
 - START 1/2.

EFFECTIVITY: ALL

Magnetic Indicating Plug - Functional Check

Figure 501

