

## 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

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.

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.

Figure 501



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