

OIL QUALITY - ADJUSTMENT/TEST

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedure to do the operational check of the oil-filter impending-bypass system.
- 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
79-37-00-700-801-A ♦	OIL-FILTER IMPENDING-BYPASS SYSTEM - FUNCTIONAL CHECK	ALL

TASK 79-37-00-700-801-A

EFFECTIVITY: ALL

## 2. OIL-FILTER IMPENDING-BYPASS SYSTEM - FUNCTIONAL CHECK

### A. General

- (1) Obey the instructions below to do the functional check of the oil-filter impending-bypass system.

### 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	-

### C. Zones and Accesses

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

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 050	Multimeter Digital	To measure voltage	

### 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/Cockpit

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 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) Energize the aircraft with 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. Functionally Check Oil Filter Impending Bypass Indicating System ([Figure 501](#))

*SUBTASK 720-002-A*

- (1) Do the check as follows:
  - (a) Disconnect the electrical connector (2) from indicator (3), and stop for 10 seconds minimum.

Result:

1 The EICAS display shows the E1/E2 OIL IMP BYP advisory message.
  - (b) Connect the electrical connector (2) to the indicator (3).

Result:

1 On the EICAS display, the E1/E2 OIL IMP BYP advisory message goes out of view.
- (2) Do the electrical test of the bypass indicator. Refer to the latest revision of Rolls-Royce MM CSP 34022 (subtask 79-37-15-720-002).

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 the circuit breakers below and remove the DO-NOT-CLOSE tag from them.
  - START 1/2.

Figure 501

