



AIRCRAFT
MAINTENANCE MANUAL

FUEL-COOLED OIL COOLER (FCOC) - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove/install the Fuel Cooled Oil Cooler (FCOC).
- 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
79-25-02-000-801-A	FCOC - REMOVAL	ALL
79-25-02-400-801-A	FCOC - INSTALLATION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 79-25-02-000-801-A

EFFECTIVITY: ALL

2. FCOC - REMOVAL

A. General

- (1) To remove the FCOC, obey the instructions in Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower Cowling	RH Engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Work Stand	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.



AIRCRAFT MAINTENANCE MANUAL

- (2) Put the work stand in the work area.
- (3) Open the lower cowling ([AMM TASK 71-12-01-000-801-A/400](#)).

J. Removal

SUBTASK 020-002-A

- (1) Remove the FCOC. Refer to the last revision of Rolls-Royce MM CSP 34022.



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 79-25-02-400-801-A

EFFECTIVITY: ALL

3. FCOC - INSTALLATION

A. General

- (1) To install the FCOC, obey the instructions in Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower Cowling	LH Engine
423	Lower Cowling	RH Engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Work Stand	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. Installation

SUBTASK 420-002-A

- (1) Install the FCOC. Refer to the last revision of Rolls-Royce MM CSP 34022.

J. Follow-on

SUBTASK 842-002-A

- (1) Close the lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).
- (2) Remove the work stand.



AIRCRAFT
MAINTENANCE MANUAL

- (3) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them.
 - 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.

