



## AIRCRAFT MAINTENANCE MANUAL

### THERMOCOUPLES - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to remove/install the thermocouples.
- B. These procedures are applicable to the LH and RH engines.
- C. 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
77-21-01-000-801-A	THERMOCOUPLES - REMOVAL	ALL
77-21-01-400-801-A	THERMOCOUPLES - INSTALLATION	ALL



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TASK 77-21-01-000-801-A

EFFECTIVITY: ALL

## 2. THERMOCOUPLES - REMOVAL

### A. General

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

### B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 71-11-01-000-801-A/400	ENGINE UPPER COWLING - REMOVAL
AMM TASK 71-12-01-000-802-A/400	ENGINE LOWER COWLING - REMOVAL
Rolls-Royce MM CSP 34022	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH Engine
423	Lower cowling	RH Engine
412	Upper cowling	LH Engine
422	Upper cowling	RH 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
2	Do the task	Engine



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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.
- (2) Put the workstand in the work area.
- (3) Remove the lower cowling ([AMM TASK 71-12-01-000-802-A/400](#)).
- (4) Remove the upper cowling ([AMM TASK 71-11-01-000-801-A/400](#)).

J. Removal

SUBTASK 020-002-A

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



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TASK 77-21-01-400-801-A

EFFECTIVITY: ALL

## 3. THERMOCOUPLES - INSTALLATION

### A. General

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

### B. References

REFERENCE	DESIGNATION
AMM TASK 71-11-01-400-801-A/400	ENGINE UPPER COWLING - INSTALLATION
AMM TASK 71-12-01-400-802-A/400	ENGINE LOWER COWLING - INSTALLATION
Rolls-Royce MM CSP 34022	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	Lower cowling	LH Engine
423	Lower cowling	RH Engine
412	Upper cowling	LH Engine
422	Upper cowling	RH 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
2	Do the task	Engine

### I. Installation

#### SUBTASK 420-002-A

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



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J. Follow-on

SUBTASK 842-002-A

- (1) Install the upper cowling ([AMM TASK 71-11-01-400-801-A/400](#)).
- (2) Install the lower cowling ([AMM TASK 71-12-01-400-802-A/400](#)).
- (3) Remove the workstand.
- (4) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them.
  - START 1/2.
- (5) Refer to the Rolls-Royce MM CSP 34022 to do the related check procedures after an engine LRU maintenance procedure, as applicable.

