

LP TURBINE - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to replace the LP turbine components.
- 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
72-58-00-960-801-A	LP TURBINE WHEELS - REPLACEMENT	ALL
72-58-00-960-802-A	POWER TURBINE FORWARD SHAFT - REPLACEMENT	ALL
72-58-00-960-803-A	LP TURBINE INTERSTAGE SPACER - RE-PLACEMENT	ALL

TASK 72-58-00-960-801-A

EFFECTIVITY: ALL

2. LP TURBINE WHEELS - REPLACEMENT

A. General

(1) To do this task, refer to the instructions given in Rolls-Royce Engine Manual CSP 31010.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-00-00-000-801-A/400	ENGINE - REMOVAL
AMM TASK 71-00-00-400-801-A/400	ENGINE - INSTALLATION
Rolls-Royce Engine Manual CSP 31010	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

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

(1) Remove the engine ([AMM TASK 71-00-00-000-801-A/400](#)).

J. Replace/Discard Low Pressure Turbine Wheels

SUBTASK 960-002-A

- (1) Disassemble the LPT rotor. Refer to the latest revision of Rolls-Royce Engine Manual CSP 31010.
- (2) Discard the old LP turbine wheels.
- (3) Assemble the LPT rotor with a new LP turbine wheels. Refer to the latest revision of Rolls-Royce Engine Manual CSP 31010.

K. Follow-on

SUBTASK 842-002-A

- (1) Install the engine ([AMM TASK 71-00-00-400-801-A/400](#)).

TASK 72-58-00-960-802-A

EFFECTIVITY: ALL

3. POWER TURBINE FORWARD SHAFT - REPLACEMENT

A. General

(1) To do this task, refer to the instructions given in Rolls-Royce Engine Manual CSP 31010.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-00-00-000-801-A/400	ENGINE - REMOVAL
AMM TASK 71-00-00-400-801-A/400	ENGINE - INSTALLATION
Rolls-Royce Engine Manual CSP 31010	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the engine

I. Preparation

SUBTASK 841-003-A

(1) Remove the engine ([AMM TASK 71-00-00-000-801-A/400](#)).

J. Replace/Discard Power Turbine Forward Shaft

SUBTASK 960-003-A

- (1) Disassemble the LPT rotor. Refer to the latest revision of Rolls-Royce Engine Manual CSP 31010.
- (2) Discard the old power turbine forward shaft.
- (3) Assemble the LPT rotor with a new power turbine forward shaft. Refer to the latest revision of Rolls-Royce Engine Manual CSP 31010.

K. Follow-on

SUBTASK 842-003-A

- (1) Install the engine ([AMM TASK 71-00-00-400-801-A/400](#)).

TASK 72-58-00-960-803-A

EFFECTIVITY: ALL

4. LP TURBINE INTERSTAGE SPACER - REPLACEMENT

A. General

(1) To do this task, refer to the instructions given in Rolls-Royce Engine Manual CSP 31010.

B. References

REFERENCE	DESIGNATION
AMM TASK 71-00-00-000-801-A/400	ENGINE - REMOVAL
AMM TASK 71-00-00-400-801-A/400	ENGINE - INSTALLATION
Rolls-Royce Engine Manual CSP 31010	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine

I. Preparation

SUBTASK 841-004-A

(1) Remove the engine ([AMM TASK 71-00-00-000-801-A/400](#)).

J. Replace/Discard Low Pressure Turbine Interstage Spacer

SUBTASK 960-004-A

- (1) Disassemble the LPT rotor. Refer to the latest revision of Rolls-Royce Engine Manual CSP 31010.
- (2) Discard the old LP turbine interstage spacer.
- (3) Assemble the LPT rotor with a new LP turbine interstage spacer. Refer to the latest revision of Rolls-Royce Engine Manual CSP 31010.

K. Follow-on

SUBTASK 842-004-A

- (1) Install the engine ([AMM TASK 71-00-00-400-801-A/400](#)).

