

FAN - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to replace the fan wheel and fan drive shaft.
- 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
72-21-00-960-801-A	FAN WHEEL AND FAN DRIVE SHAFT - REPLACEMENT	ALL

TASK 72-21-00-960-801-A

EFFECTIVITY: ALL

2. FAN WHEEL AND FAN DRIVE SHAFT - REPLACEMENT

A. General

(1) To do this task, refer to the instructions given in Rolls-Royce MM CSP 34022.

B. References

REFERENCE	DESIGNATION
AMM TASK 72-21-03-700-801-A/600	ENGINE FAN - TRIM BALANCE (WITH THE BALANCER/ANALYZER KIT - GSE 162)

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
415		LH Engine
425		RH Engine

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the fan assembly	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	Engine fan wheel and fan drive shaft assemblies

I. Preparation

SUBTASK 841-002-A

WARNING: MAKE SURE THE ENGINE CONTROL MASTER SWITCH IS IN THE “OFF” POSITION TO PREVENT AN ACCIDENTAL ENGINE OPERATION.

(1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:

- POWERPLANT START 1/2.

- (2) Place the workstand next to the air intake.

J. Replace/Discard Fan Wheel and Fan Drive Shaft

SUBTASK 960-002-A

- (1) Remove the fan wheel and/or the fan drive shaft, as applicable. Refer to the latest revision of Rolls-Royce MM CSP 34022.
- (2) Discard the fan wheel and/or the fan drive shaft, as applicable.
- (3) Install a new fan wheel and/or the fan drive shaft, as applicable. Refer to the latest revision of Rolls-Royce MM CSP 34022.

K. Follow-on

SUBTASK 842-002-A

- (1) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
 - POWERPLANT START 1/2.
- (2) Remove the workstand.
- (3) Do the fan balance. Refer to [AMM TASK 72-21-03-700-801-A/600](#).

