

APU STARTER/GENERATOR ACCESSORIES - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT EQUIPPED WITH APU T-62T-40C14

1. General

- A. This section gives the procedures to remove/install the starter-generator accessories.
- 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
49-26-02-000-801-A	APU STARTER-GENERATOR ACCESSORIES - REMOVAL	AIRCRAFT EQUIPPED WITH APU T-62T-40C14
49-26-02-400-801-A	APU STARTER-GENERATOR ACCESSORIES - INSTALLATION	AIRCRAFT EQUIPPED WITH APU T-62T-40C14

TASK 49-26-02-000-801-A

EFFECTIVITY: AIRCRAFT EQUIPPED WITH APU T-62T-40C14

2. APU STARTER-GENERATOR ACCESSORIES - REMOVAL

A. General

(1) Obey these instructions to remove the starter-generator accessories.

B. References

REFERENCE	DESIGNATION
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 49-15-00-000-801-A/400	APU COWLING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		APU

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU

I. Preparation

SUBTASK 841-002-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 49-00-00/200](#) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- (1) On the circuit breaker panel, open the APU FUEL SOV circuit breaker and attach DO-NOT-CLOSE tags to it.
- (2) On the left power control and distribution box, open the APU GEN START circuit breaker and attach DO-NOT-CLOSE tag to it.

- (3) Put the workstand under the aircraft tail cone.
- (4) Remove the APU cowling ([AMM TASK 49-15-00-000-801-A/400](#)).

J. Removal ([Figure 401](#))

SUBTASK 020-002-A

*EFFECTIVITY: ALL AIRCRAFT THAT DO NOT HAVE THE NEW SERIES 145[minus]54858
APU COWLINGS INSTALLED*

- (1) Release the clamp (3) and remove the inlet flexible duct (2) from the starter-generator (1).
- (2) Remove the bolts (6) and washers (7) and then remove the air outlet duct (5) from the starter-generator mounting pad (8). Refer to DET. B of [Figure 401](#).
- (3) Put a cover on the starter-generator air inlet and outlet to prevent damage to the starter-generator.

K. Removal ([Figure 402](#))

SUBTASK 020-002-B

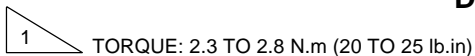
EFFECTIVITY: APU COWLING SERIES 145[minus]54858

- (1) Release the clamp (2) and remove the inlet flexible duct (3) from the starter-generator (1).
- (2) Release the clamp (4) and remove the drain hose (5) from the inlet drain duct (6)
- (3) Release the clamp (7) from the APU mounting.
- (4) Remove the bolt (11), washers (9) and nut (8) and then release the clamp (10) from the bracket (12).
- (5) Remove the bolts (13), washers (14) and nuts (15) and then remove the adapter duct (16) from the bracket (17).
- (6) Remove the bolts (18), washers (19), and the air outlet duct (20) from the starter-generator mounting pad (21).
- (7) Put a cover on the starter-generator air inlet and outlet to prevent damage to the starter-generator.

Figure 401



Figure 402



TASK 49-26-02-400-801-A

EFFECTIVITY: AIRCRAFT EQUIPPED WITH APU T-62T-40C14

3. APU STARTER-GENERATOR ACCESSORIES - INSTALLATION

A. General

(1) Obey these instructions to install the starter-generator accessories.

B. References

REFERENCE	DESIGNATION
AMM TASK 49-15-00-400-801-A/400	APU COWLING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		APU

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque Wrench	To torque the nuts	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the work area	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MS20995	Lockwire	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	APU

I. Installation (Figure 401)

SUBTASK 420-002-A

EFFECTIVITY: ALL AIRCRAFT THAT DO NOT HAVE THE NEW SERIES 145[minus] 54858 APU COWLINGS INSTALLED

- (1) **NOTE:** All the adjustable clamps that you removed must be lockwired in this installation procedure.

Remove the cover that you put on the starter-generator air inlet and outlet.

- (2) Install the air outlet duct (5) on the starter-generator mounting pad (8) with the bolts (6) and washers (7). Refer to DET. B of (Figure 401).
- (3) Install the inlet flexible duct (2) on the starter generator (1) and tighten the adjustable clamp (3).

J. Installation (Figure 402)

SUBTASK 420-002-B

EFFECTIVITY: APU COWLING SERIES 145[minus] 54858

- (1) **NOTE:** All the adjustable clamps that you removed must be lockwired in this installation procedure.

Remove the cover that you put on the starter-generator air inlet and outlet.

- (2) Install the inlet flexible duct (3) on the starter-generator (1) and tighten the adjustable clamp (2).
- (3) Install the drain hose (5) on the inlet drain duct (6) and tighten the adjustable clamp (4).
- (4) Install the clamp (7) at the APU mounting.
- (5) Install the clamp (10) on the bracket (12) with the bolt (11), washers (9), and nut (8).
- (6) Install the adapter duct (16) on the bracket (17) with the bolts (13), washers (14), and nuts (15).
- (7) Install the air outlet duct (20) on the starter-generator mounting pad (21) with the bolts (18) and washers (19).

K. Follow-on

SUBTASK 842-002-A

- (1) Install the APU cowling ([AMM TASK 49-15-00-400-801-A/400](#)).
- (2) Remove the workstand from the work area.
- (3) On the circuit breaker panel, remove the DO-NOT-CLOSE tag and close the APU FUEL SOV circuit breaker.
- (4) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.

