

## APU AIR INLET DUCT - REMOVAL/INSTALLATION

*EFFECTIVITY: FOR AIRCRAFT WITHOUT EXHAUST SILENCER*

### 1. General

- A. This section gives the procedures to remove/install the APU air inlet duct.
- 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                           |
|--------------------|-----------------------------------|---------------------------------------|
| 49-16-02-000-801-A | APU AIR INLET DUCT - REMOVAL      | FOR AIRCRAFT WITHOUT EXHAUST SILENCER |
| 49-16-02-400-801-A | APU AIR INLET DUCT - INSTALLATION | FOR AIRCRAFT WITHOUT EXHAUST SILENCER |

TASK 49-16-02-000-801-A

EFFECTIVITY: FOR AIRCRAFT WITHOUT EXHAUST SILENCER

## 2. APU AIR INLET DUCT - REMOVAL

### A. General

- (1) Obey the instructions below to remove the APU air inlet duct.

### B. References

| REFERENCE                       | DESIGNATION             |
|---------------------------------|-------------------------|
| AMM MPP 49-00-00/200            | - MAINTENANCE PRACTICES |
| AMM TASK 49-11-00-000-801-A/400 | APU COWLING - REMOVAL   |
| AMM TASK 49-15-00-000-801-A/400 | APU COWLING - REMOVAL   |

### C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION    |
|------|------------|-------------|
| 313  | 313        | APU Cowling |

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

| ITEM                   | DESCRIPTION | PURPOSE                        | QTY |
|------------------------|-------------|--------------------------------|-----|
| Commercially available | Ladder      | 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 these circuit breakers and attach DO-NOT-CLOSE tags to them:
- APU FUEL SOV.

- (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) Remove the APU cowling ( [AMM TASK 49-11-00-000-801-A/400](#) or [AMM TASK 49-15-00-000-801-A/400](#)), as applicable.

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

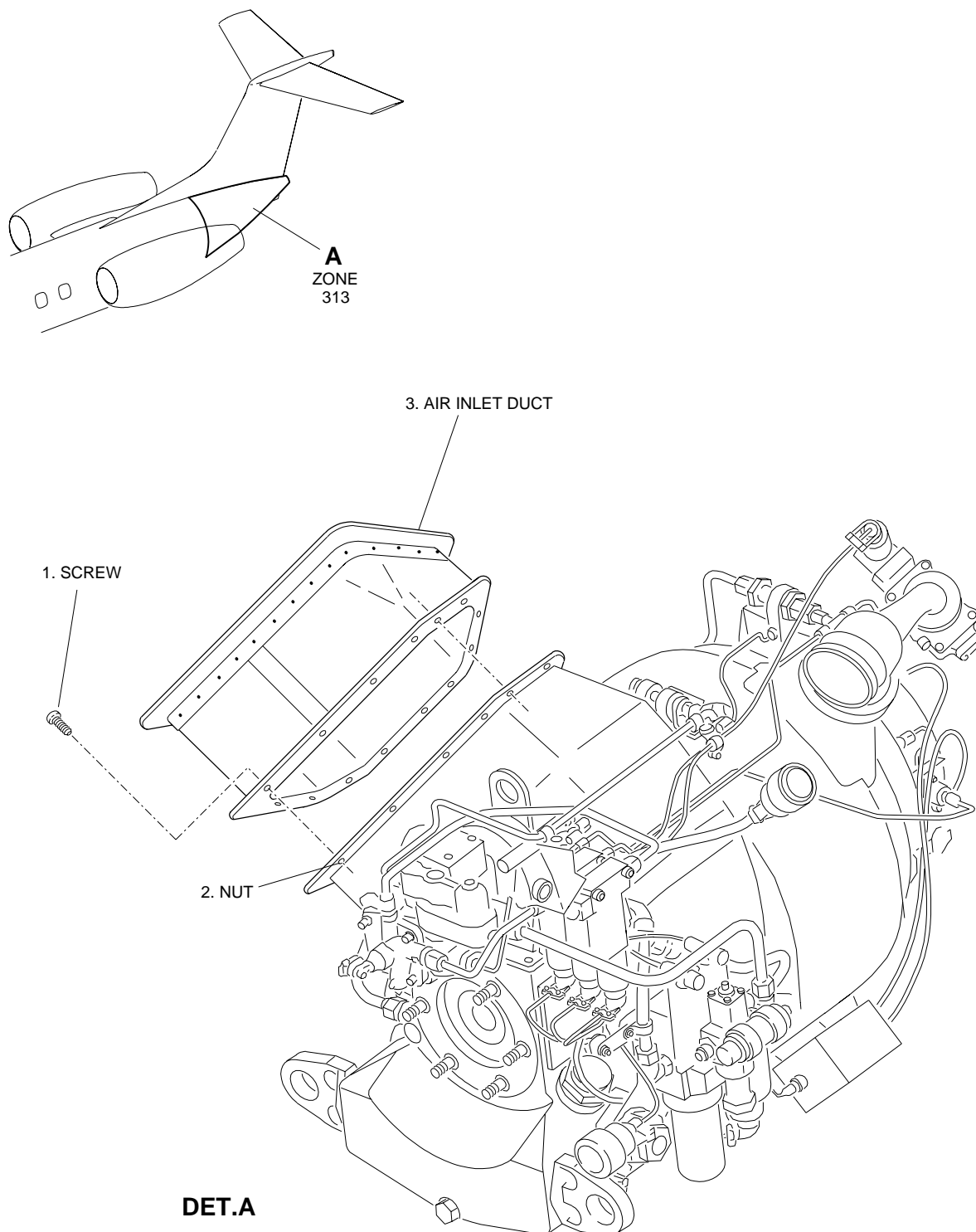
*SUBTASK 020-002-A*

- (1) Remove the screws (1) and nuts (2).
- (2) Remove the air inlet duct (3).

**EFFECTIVITY: FOR AIRCRAFT WITHOUT EXHAUST SILENCER**

**APU Air Inlet Duct - Removal/Installation**

**Figure 401**



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TASK 49-16-02-400-801-A

EFFECTIVITY: FOR AIRCRAFT WITHOUT EXHAUST SILENCER

3. APU AIR INLET DUCT - INSTALLATION

A. General

(1) Obey the instructions below to install the APU air inlet duct.

B. References

| REFERENCE                                       | DESIGNATION                |
|---|----------------------------|
| <a href="#">AMM TASK 49-11-00-400-801-A/400</a> | APU COWLING - INSTALLATION |
| <a href="#">AMM TASK 49-15-00-400-801-A/400</a> | APU COWLING - INSTALLATION |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION    |
|------|------------|-------------|
| 313  | 313        | APU Cowling |

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

| ITEM                   | DESCRIPTION | PURPOSE                        | QTY |
|------------------------|-------------|--------------------------------|-----|
| Commercially available | Ladder      | 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. Installation (Figure 401)

*SUBTASK 420-002-A*

(1) Install the air inlet duct (3), with screws (1) and nuts (2).

(2) Tighten the screws and nuts.

J. Follow-on

*SUBTASK 842-002-A*

(1) Install the APU cowling ( [AMM TASK 49-11-00-400-801-A/400](#) or [AMM TASK 49-15-00-400-801-A/400](#)), as applicable.

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- (2) Remove the DO-NOT-CLOSE tags and close these circuit breakers:
    - APU FUEL SOV.
  - (3) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.