

## TCAS COOLING FAN - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove and install the TCAS Cooling Fan.
- B. The TCAS Cooling Fan is installed on the TCAS mounting rack, behind the RH wardrobe end wall.
- 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
34-43-04-000-801-A	TCAS COOLING FAN - REMOVAL	ALL
34-43-04-400-801-A	TCAS COOLING FAN - INSTALLATION	ALL

TASK 34-43-04-000-801-A

EFFECTIVITY: ALL

## 2. TCAS COOLING FAN - REMOVAL

### A. General

(1) This procedure gives the instructions to remove the TCAS Cooling Fan.

### B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Passenger cabin, RH side

### C. Tools and Equipment

Not Applicable

### D. Auxiliary Items

Not Applicable

### E. Consumable Materials

Not Applicable

### F. Expandable Parts

Not Applicable

### G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the passenger cabin

### H. Preparation

#### SUBTASK 841-002-A

- (1) On the Circuit Breaker Panel, open the TCAS circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Get access to the RH wardrobe.
- (3) Remove the access panel on the wardrobe end wall to gain access to the TCAS mounting rack.

### I. Removal [\(Figure 401\)](#)

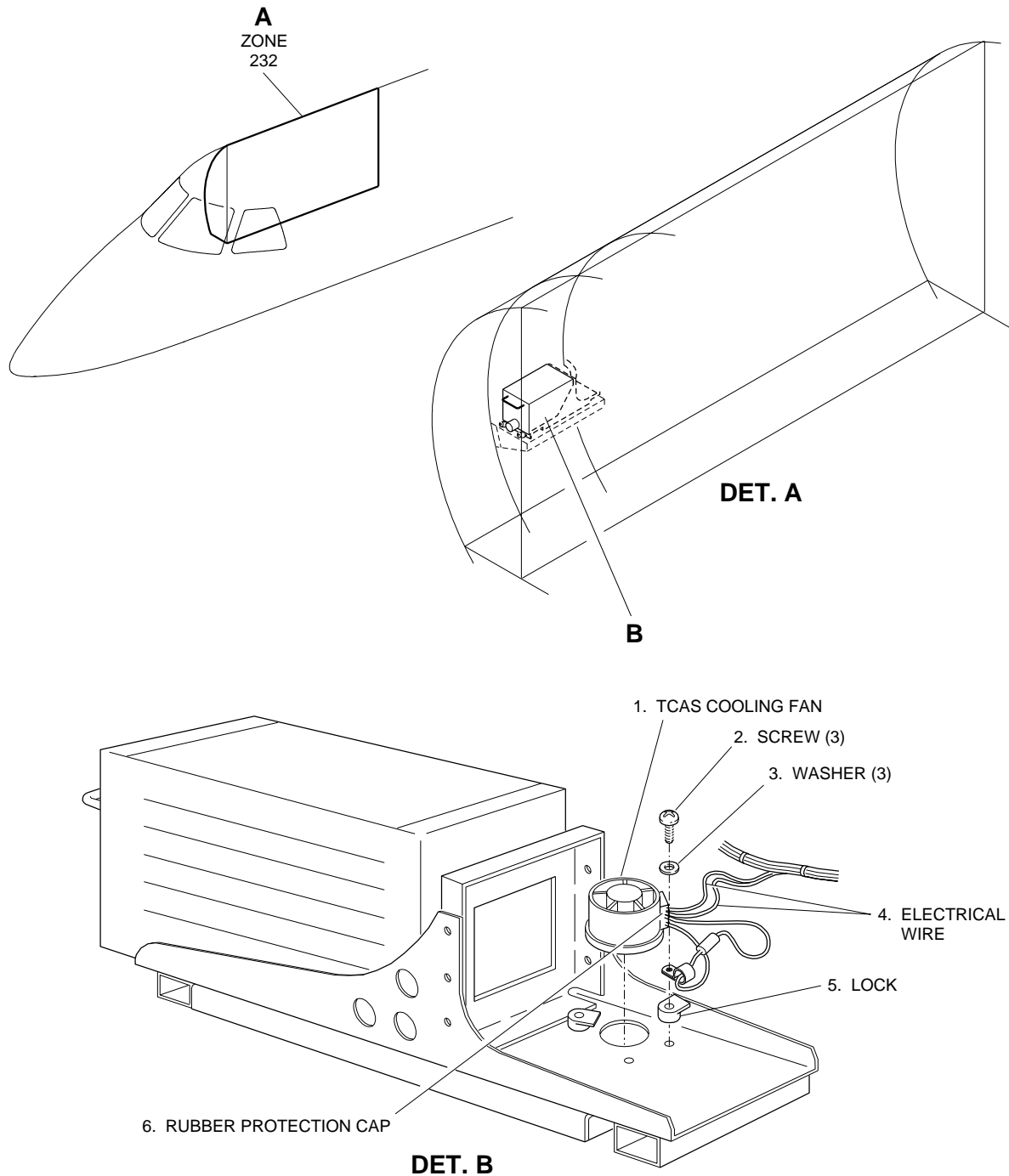
#### SUBTASK 020-002-A

- (1) Remove the three screws (2), washers (3), and lock (5) that attach the cooling fan (1) to the mounting rack.
- (2) Remove the TCAS cooling fan (1) from the mounting rack.
- (3) Pull the rubber protection (6) to gain access to the terminal board.
- (4) Remove the two upper screws on the terminal board and remove the electrical wires (4).

EFFECTIVITY: ALL

TCAS Cooling Fan - Removal/Installation

Figure 401



145AMM340219.MCE A

TASK 34-43-04-400-801-A

*EFFECTIVITY: ALL*

### 3. TCAS COOLING FAN - INSTALLATION

#### A. General

- (1) This procedure gives the instructions to install the TCAS Cooling Fan.
- (2) At the end of the TCAS Cooling Fan installation, it is necessary to energize the aircraft to make sure that the cooling fan operates correctly.

#### B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Passenger cabin, RH side

#### C. Tools and Equipment

Not Applicable

#### D. Auxiliary Items

Not Applicable

#### E. Consumable Materials

Not Applicable

#### F. Expandable Parts

Not Applicable

#### G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the passenger cabin

#### H. Installation (Figure 401)

##### *SUBTASK 420-002-A*

- (1) Install the two upper electrical wires (4) and tighten the screws on the terminal board.
- (2) Install the rubber protection (6) correctly.
- (3) Install the TCAS cooling fan (1) in the correct position.
- (4) Install the lock (5), three washers (3), and screws (2) that attach the TCAS cooling fan to the mounting rack.
- (5) Tighten the screws.

#### I. Follow-on

##### *SUBTASK 842-002-A*

- (1) On the Circuit Breaker Panel, close the TCAS circuit breaker and remove the DO-NOT-CLOSE tag from it.

- (2) Energize the aircraft and make sure that the cooling fan operates correctly.
- (3) Deenergize the aircraft.
- (4) Install the access panel of the RH wardrobe end wall.

