



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



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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)

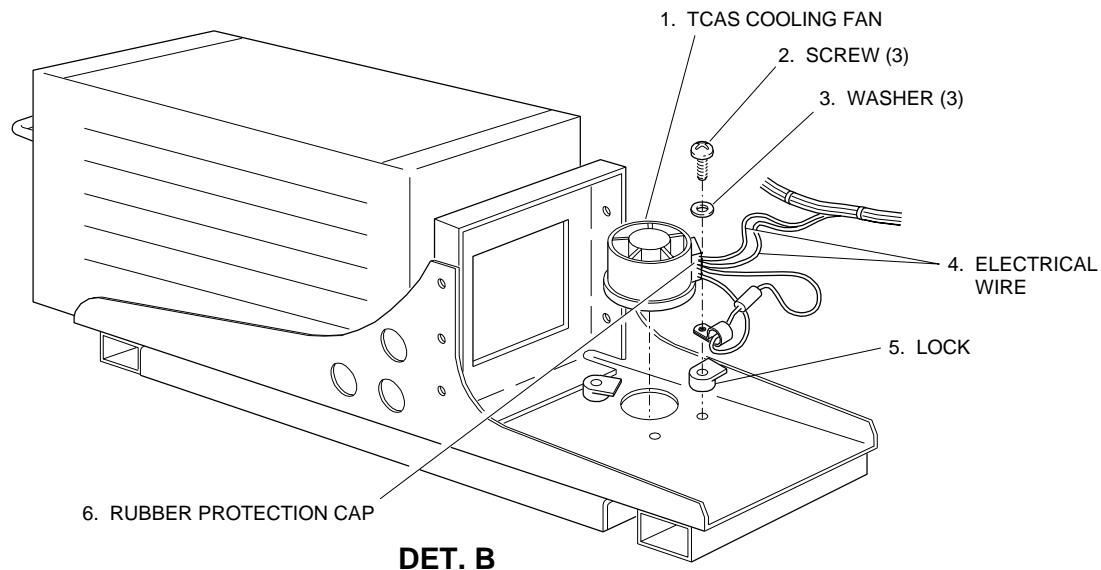
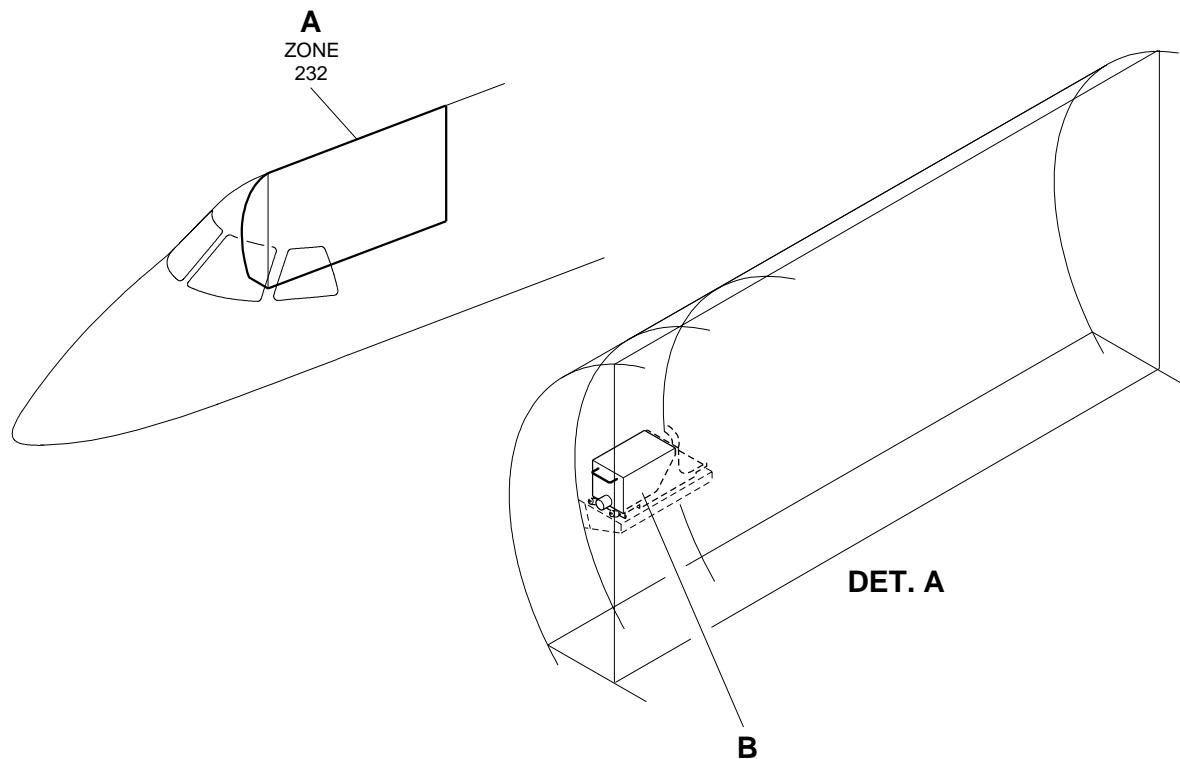
SUBTASK 020-002-A

- (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



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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.



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- (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.

