



AIRCRAFT MAINTENANCE MANUAL

TCAS PROCESSOR - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the TCAS II or TCAS 2000 processor, as applicable.
- 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
34-43-01-000-801-A	TCAS PROCESSOR - REMOVAL	ALL
34-43-01-400-801-A	TCAS PROCESSOR - INSTALLATION	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 34-43-01-000-801-A

EFFECTIVITY: ALL

2. TCAS PROCESSOR - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the TCAS II or TCAS 2000 Processor, as applicable.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-04/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Passenger cabin, RH side

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the passenger cabin

I. 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 TCAS Processor (AMM MPP 06-41-04/100).

J. Removal ([Figure 401](#)) ([Figure 402](#))

SUBTASK 020-002-A

- (1) Release the knurled nuts (2) which attach the TCAS Processor (1).
- (2) Pull the TCAS Processor (1) by its handle, until it is disconnected from the connector (3) installed on the mounting rack.



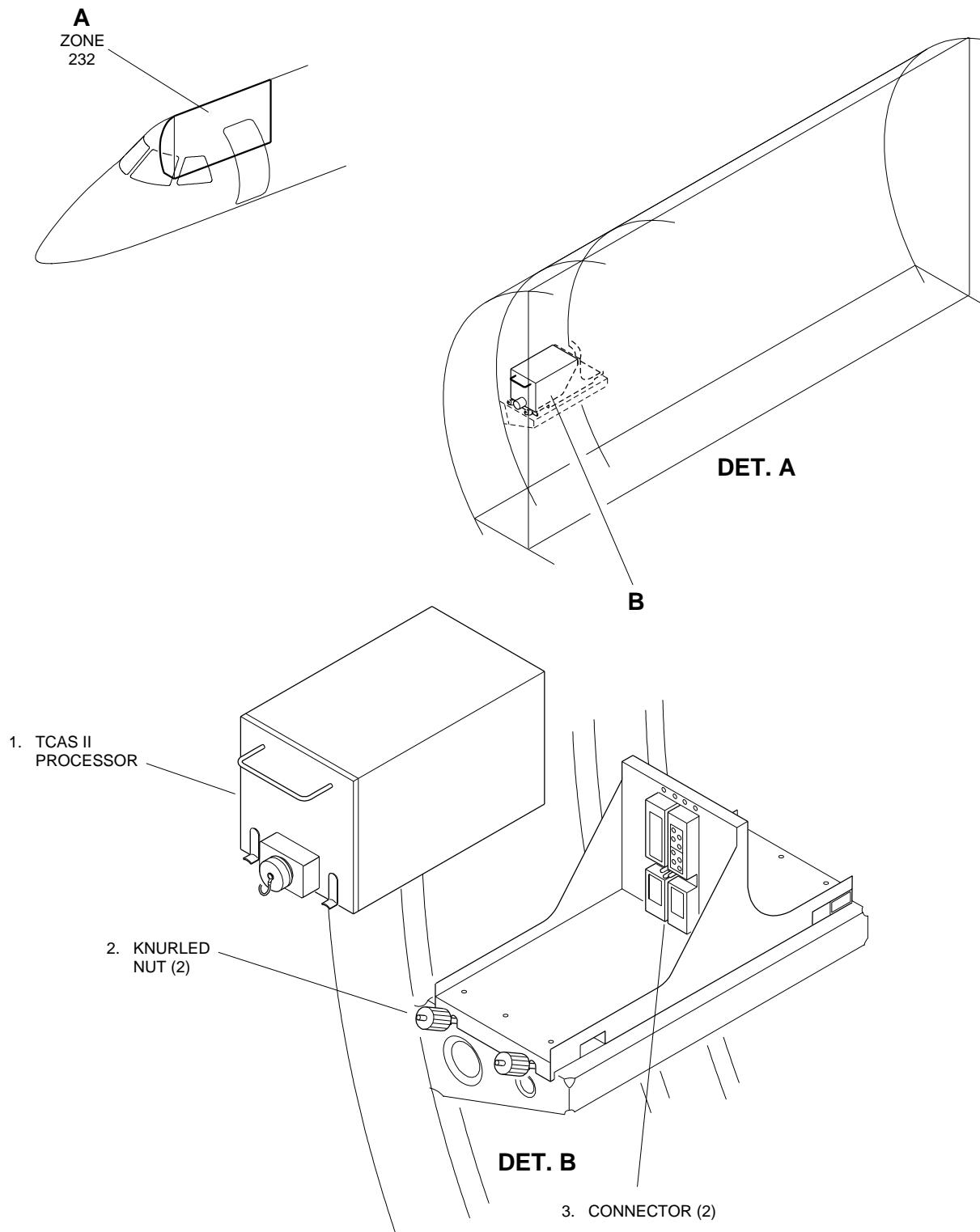
AIRCRAFT
MAINTENANCE MANUAL

-
- (3) Remove the TCAS Processor (1) from the mounting rack.

EFFECTIVITY: AIRCRAFT WITH TCAS II PROCESSOR

TCAS II Processor - Removal/Installation

Figure 401

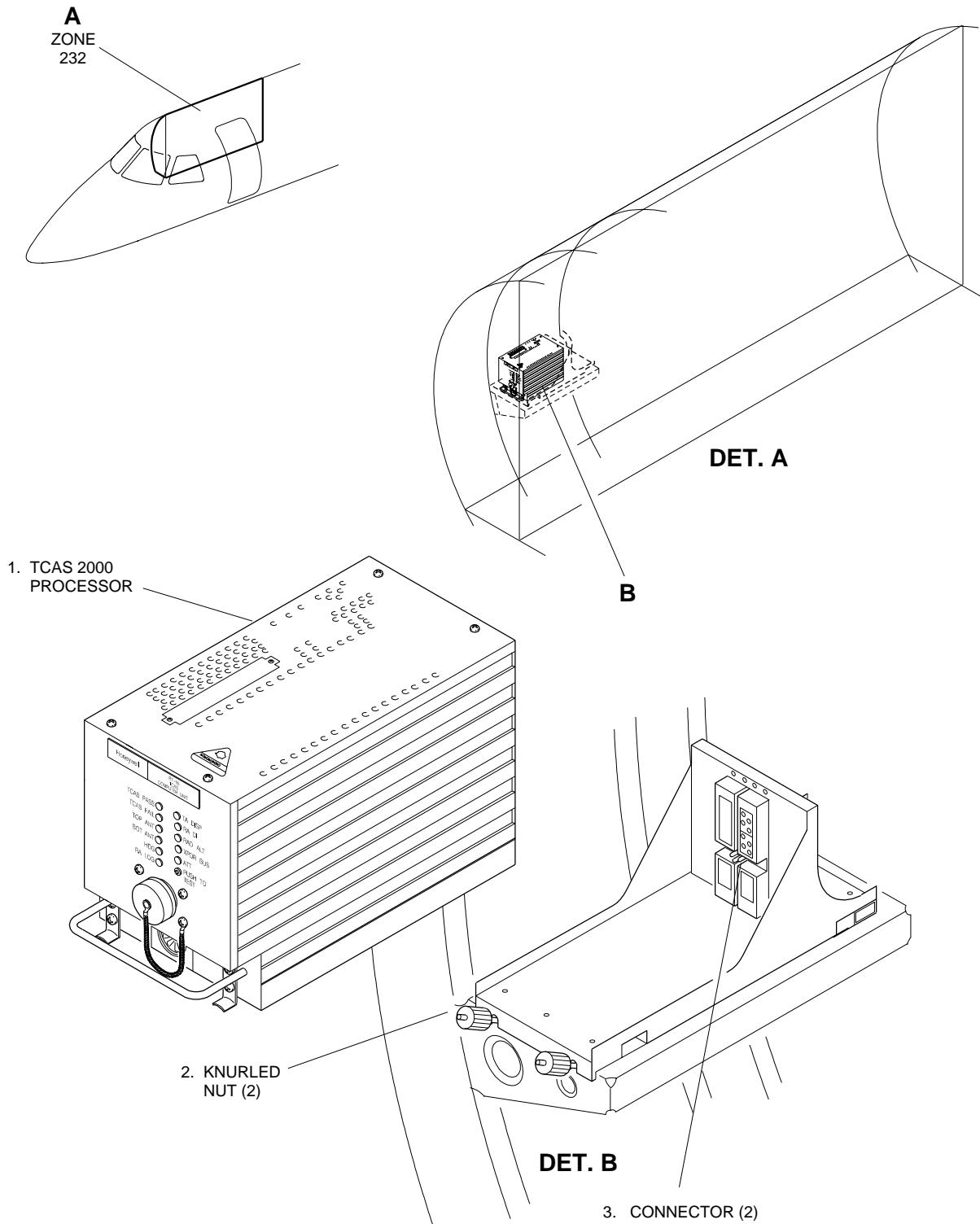


145AMM340166.MCE A

EFFECTIVITY: AIRCRAFT WITH TCAS 2000 PROCESSOR

TCAS 2000 Processor - Removal/Installation

Figure 402



145AMM340248.MCE A



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 34-43-01-400-801-A

EFFECTIVITY: ALL

3. TCAS PROCESSOR - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the TCAS II or TCAS 2000 Processor, as applicable.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-04/100	-
AMM TASK 34-43-00-700-801-A/500	TCAS - OPERATIONAL TEST
S.B.145-34-0106	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Passenger cabin, RH side

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the passenger cabin

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) If the TCAS Processor is installed due to a connector replacement and the aircraft has complied with [S.B.145-34-0106](#), then make sure that electrical connections are according to S.B. 145-34-0106.
- (2) Install the TCAS Processor (1) on the mounting rack.
- (3) Push the TCAS Processor (1) by its handle until it is connected to the connector (3) installed on the mounting rack.



AIRCRAFT MAINTENANCE MANUAL

- (4) Tighten the knurled nuts (2) which attach the TCAS Processor (1) to the mounting rack.

J. 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) Do the TCAS operational test ([AMM TASK 34-43-00-700-801-A/500](#)).
- (3) Close the access to the TCAS Processor (AMM MPP 06-41-04/100).

