

EMERGENCY LOCATOR TRANSMITTER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the Emergency Locator Transmitter (ELT).
- B. The transmitter is installed in center fuselage 4, on the right side.
- 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
25-61-01-000-801-A	EMERGENCY LOCATOR TRANSMITTER (ELT 110-4) - REMOVAL	ALL
25-61-01-400-801-A	EMERGENCY LOCATOR TRANSMITTER (ELT 110-4) - INSTALLATION	ALL
25-61-01-000-802-A	EMERGENCY LOCATOR TRANSMITTER (ELT SATORI) - REMOVAL	ALL
25-61-01-400-802-A	EMERGENCY LOCATOR TRANSMITTER (ELT SATORI) - INSTALLATION	ALL
25-61-01-000-803-A	EMERGENCY LOCATOR TRANSMITTER (ELT C406-2) - REMOVAL	ALL
25-61-01-400-803-A	EMERGENCY LOCATOR TRANSMITTER (ELT C406-2) - INSTALLATION	ALL
25-61-01-040-801-A	EMERGENCY LOCATOR TRANSMITTER - DEACTIVATION	ALL
25-61-01-440-801-A	EMERGENCY LOCATOR TRANSMITTER - REACTIVATION	ALL

TASK 25-61-01-000-801-A

EFFECTIVITY: ALL

2. EMERGENCY LOCATOR TRANSMITTER (ELT 110-4) - REMOVAL

A. General

- (1) This task gives the procedures to remove the Emergency Locator Transmitter (ELT) ARTEX 110-4.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262		Center fuselage IV, Passenger cabin - RH

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	Center fuselage 4

H. Preparation

SUBTASK 841-002-A

- (1) On the Circuit Breakers Panel, open the ELT circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Open the toilet maintenance panel.
- (3) Get access to the ELT unit.

I. Removal

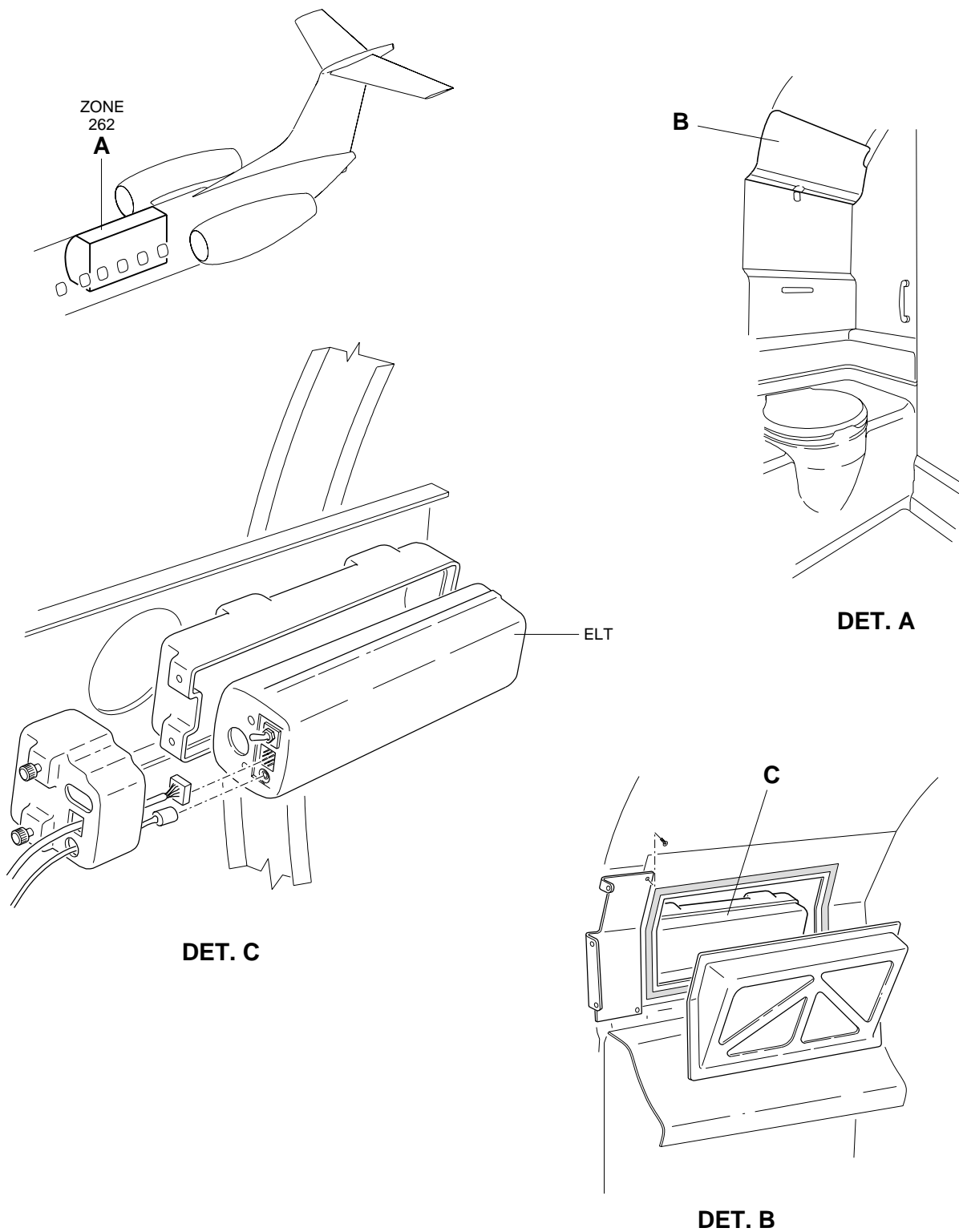
SUBTASK 020-002-A

- (1) Release the 2 screws on the front of the mounting rack.
- (2) Pull the mounting rack cap out of the transmitter unit.
- (3) Disconnect the coaxial cable and the molex connector cable from the ELT unit.
- (4) Remove the ELT unit from the mounting rack.

EFFECTIVITY: ALL

Emergency Locator Transmitter (ARTEX 110-4) - Removal/Installation

Figure 401



145AMM250024.MCE A

TASK 25-61-01-400-801-A

EFFECTIVITY: ALL

3. EMERGENCY LOCATOR TRANSMITTER (ELT 110-4) - INSTALLATION

A. General

- (1) This task gives the procedures to install the Emergency Locator Transmitter (ELT) ARTEX 110-4.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-61-00-700-801-A/500	EMERGENCY LOCATOR TRANSMITTER SYSTEM (ELT 110-4) - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262		Center fuselage IV, Passenger cabin - RH

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	Center fuselage 4

I. Installation

SUBTASK 420-002-A

- (1) Put the ELT unit on its baseplate with the arrow in the flight direction.
- (2) Connect the coaxial cable and the molex connector cable to the ELT unit.
- (3) Install the mounting rack cap to the transmitter unit.
- (4) Attach the 2 screws on the front of the mounting rack.

J. Follow-on

SUBTASK 842-002-A

- (1) Close the toilet maintenance panel.
- (2) On the Circuit Breaker Panel, close the ELT circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (3) Do the Emergency Locator Transmitter System (ELT 110-4) - Operational Check ([AMM TASK 25-61-00-700-801-A/500](#)).

TASK 25-61-01-000-802-A

EFFECTIVITY: ALL

4. EMERGENCY LOCATOR TRANSMITTER (ELT SATORI) - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the Emergency Locator Transmitter (ELT SATORI).

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262		Center fuselage IV, Passenger cabin - RH

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	Center fuselage IV

H. Preparation

SUBTASK 841-003-A

- (1) On the circuit breaker panel, open the ELT circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Open the toilet maintenance panel.
- (3) Get access to the ELT unit.

I. Removal

SUBTASK 020-003-A

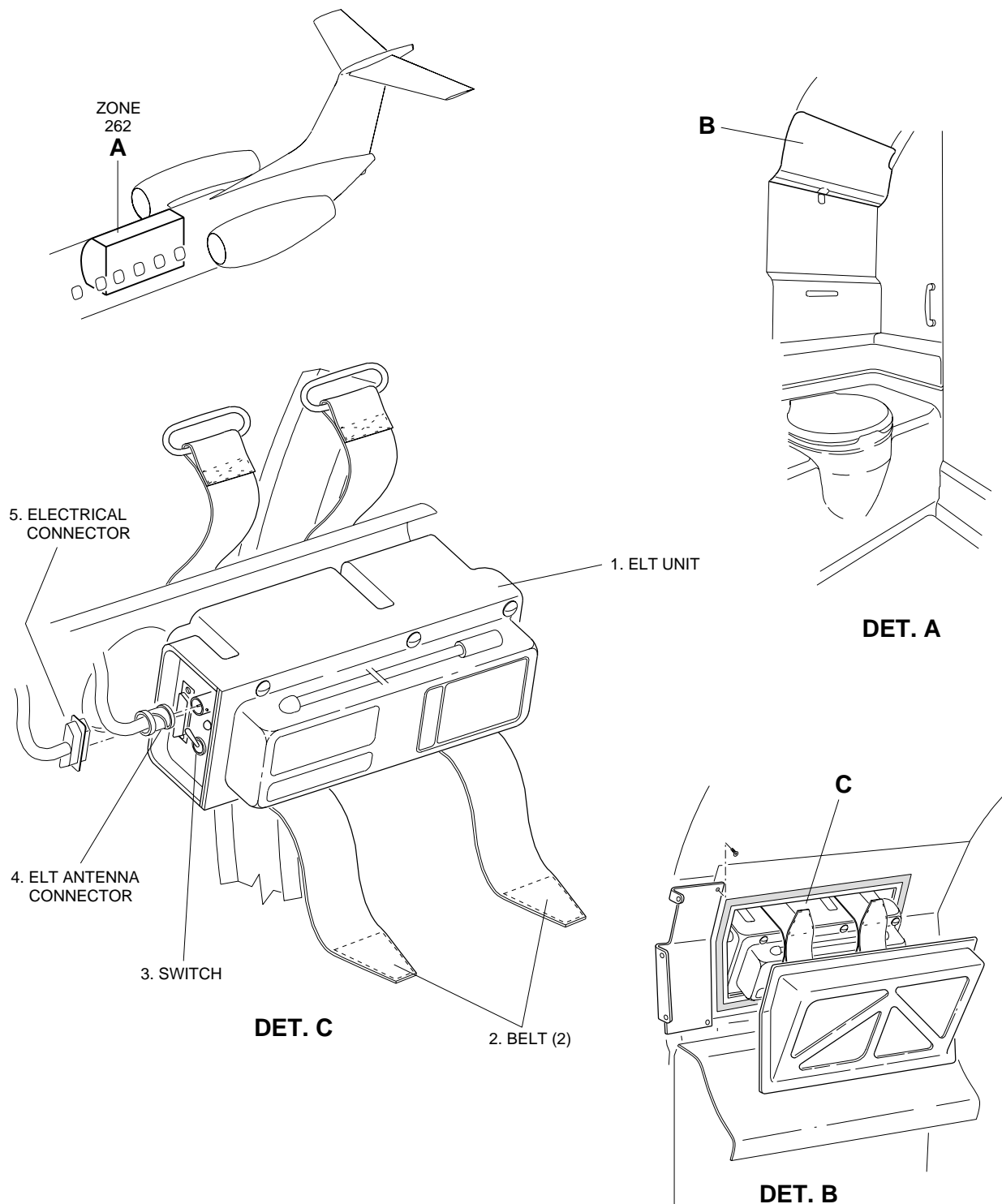
- (1) On the ELT unit (1), set the switch (3) to the OFF position.
- (2) Carefully disconnect the aircraft ELT antenna connector (4).
- (3) Disconnect the electrical connector (5).
- (4) Release the belt (2).

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- (5) Remove the ELT unit (1) from the mounting rack.

EFFECTIVITY: AIRCRAFT WITH ELT SATORI

Emergency Locator Transmitter (ELT SATORI) - Removal/Installation

Figure 402



145AMM250032.MCE A

TASK 25-61-01-400-802-A

EFFECTIVITY: ALL

5. EMERGENCY LOCATOR TRANSMITTER (ELT SATORI) - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the Emergency Locator Transmitter (ELT SATORI).
- (2) Before the installation of the ELT it is necessary to program it. The function of the programming is to save in the ELT memory the country code and the aircraft registration number.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-61-00-400-801-A/200	EMERGENCY LOCATOR TRANSMITTER SYSTEM (ELT SATORI) - PROGRAMMING
AMM TASK 25-61-00-700-802-A/500	EMERGENCY-LOCATOR-TRANSMITTER SYSTEM (ELT SATORI) - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262		Center fuselage IV, Passenger cabin - RH

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	Center fuselage IV

I. Installation

SUBTASK 420-003-A

- (1) Do the programming of the ELT SATORI system ([AMM TASK 25-61-00-400-801-A/200](#)).
- (2) Install the ELT unit (1) on the mounting rack, with the antenna for portable use included.

- (3) Attach the belt (2).
- (4) Connect the electrical connector (5).
- (5) Carefully connect the aircraft ELT antenna connector (4).
- (6) On the ELT unit (1), set the switch (3) to the AUTO position.

J. Follow-on

SUBTASK 842-003-A

- (1) Close the toilet maintenance panel.
- (2) On the circuit breaker panel, close the ELT circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (3) Do the Emergency Locator Transmitter System (ELT SATORI) - Operational Check ([AMM TASK 25-61-00-700-802-A/500](#)).

TASK 25-61-01-000-803-A
EFFECTIVITY: ALL

6. EMERGENCY LOCATOR TRANSMITTER (ELT C406-2) - REMOVAL

A. General

- (1) This task gives the procedures to remove the Emergency Locator Transmitter (ELT) ARTEX C406-2.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262		Center fuselage IV, Passenger cabin - RH

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	Center fuselage 4

H. Preparation

SUBTASK 841-004-A

- (1) On the Circuit Breakers Panel, open the ELT circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Open the toilet maintenance panel.
- (3) Get access to the ELT unit.

I. Removal

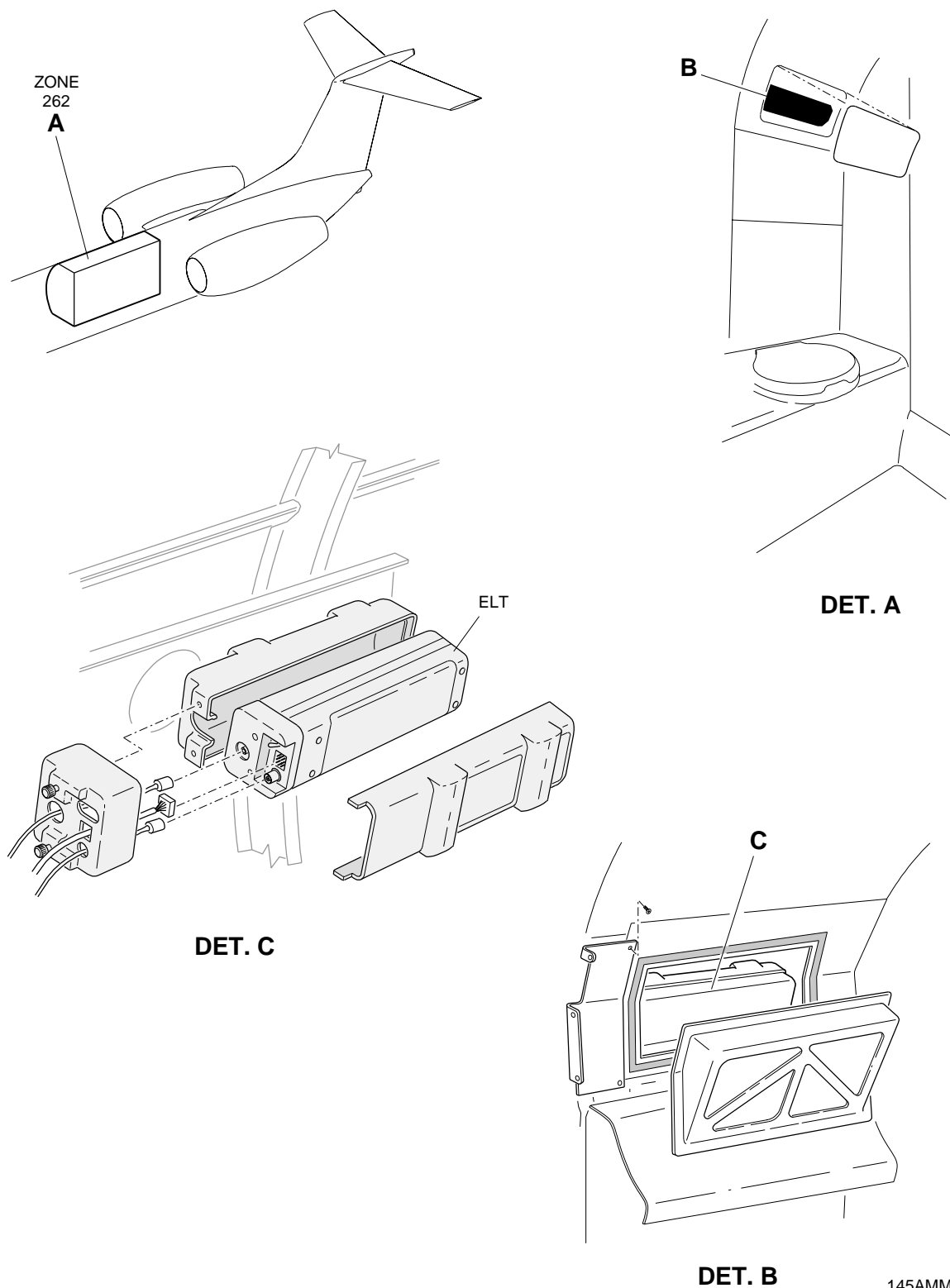
SUBTASK 020-004-A

- (1) Release the 2 screws on the front of the mounting rack.
- (2) Pull the mounting rack cap out of the transmitter unit.
- (3) Disconnect the coaxial cables and the molex connector cable from the ELT unit.
- (4) Remove the ELT unit from the mounting rack.

EFFECTIVITY: ALL

Emergency Locator Transmitter (ARTEX C406-2) - Removal/Installation

Figure 403



TASK 25-61-01-400-803-A

EFFECTIVITY: ALL

7. EMERGENCY LOCATOR TRANSMITTER (ELT C406-2) - INSTALLATION

A. General

- (1) This task gives the procedures to install the Emergency Locator Transmitter (ELT) ARTEX C406-2.
- (2) Before the installation of the ELT C406-2 it is necessary to program it.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-61-00-400-802-A/200	EMERGENCY LOCATOR TRANSMITTER SYSTEM (ARTEX C406-2) - PROGRAMMING
AMM TASK 25-61-00-700-803-A/500	EMERGENCY LOCATOR TRANSMITTER SYSTEM (ELT C406-2) - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262		Center fuselage IV, Passenger cabin - RH

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	Center fuselage 4

I. Installation

SUBTASK 420-004-A

- (1) If you install an unit different from that you removed from the aircraft, do the programming of the ELT C406-2 system ([AMM TASK 25-61-00-400-802-A/200](#)).

NOTE: • The equipment to be installed must be configured with the same parameters as the removed ELT.

- The unit is already factory-programmed to work with the ELT serial number. To use this protocol with a new unit no programming is required, but a new registration is necessary. For registration information, contact local authority.

- (2) Put the ELT unit on its baseplate with the arrow in the flight direction.
- (3) Connect the coaxial cables and the molex connector cable to the ELT unit.
- (4) Install the mounting rack cap to the transmitter unit.
- (5) Attach the 2 screws on the front of the mounting rack.

J. Follow-on

SUBTASK 842-004-A

- (1) Close the toilet maintenance panel.
- (2) On the Circuit Breaker Panel, close the ELT circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (3) Do the Emergency Locator Transmitter System (ELT C406-2) - Operational Check ([AMM TASK 25-61-00-700-803-A/500](#)).

TASK 25-61-01-040-801-A

EFFECTIVITY: ALL

8. EMERGENCY LOCATOR TRANSMITTER - DEACTIVATION

A. General

(1) This task refers to item 25-61-01 - Emergency Locator Transmitter (ELT) of the DDPM.

B. Zones and Accesses

Not Applicable

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	Cockpit - instrument panel

H. ELT - Deactivation

SUBTASK 040-002-A

- (1) On the Circuit Breakers Panel, open the ELT circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Put an ELT INOP sign on the ELT remote switch panel.
- (3) Make an entry in the aircraft technical logbook to show that you did the deactivation procedure for the ELT.

TASK 25-61-01-440-801-A

EFFECTIVITY: ALL

9. EMERGENCY LOCATOR TRANSMITTER - REACTIVATION

A. General

(1) This task refers to item 25-61-01 - Emergency Locator Transmitter (ELT) of the DDPM.

B. Zones and Accesses

Not Applicable

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	Cockpit - instrument panel

H. ELT - Reactivation

SUBTASK 440-002-A

- (1) Do the troubleshooting and the applicable corrective maintenance procedure for the ELT.
- (2) On the Circuit Breakers Panel, close the ELT circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (3) Remove the ELT INOP sign from the ELT remote switch panel.
- (4) Make an entry in the aircraft technical logbook to show that you did the reactivation procedure for the ELT.