

GPWS/WINDSHEAR COMPUTER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the GPWS/Windshear computer or EGPWS/Windshear computer.
- 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
34-41-01-000-801-A	GPWS/WINDSHEAR COMPUTER - REMOVAL	ALL
34-41-01-400-801-A	GPWS/WINDSHEAR COMPUTER - INSTALLATION	ALL
34-41-01-000-802-A	EGPWS/WINDSHEAR COMPUTER - REMOVAL	ALL
34-41-01-400-802-A	EGPWS/WINDSHEAR COMPUTER - INSTALLATION	ALL

TASK 34-41-01-000-801-A

EFFECTIVITY: ALL

2. GPWS/WINDSHEAR COMPUTER - REMOVAL

A. General

(1) This procedure gives the instructions to remove the GPWS/Windshear Computer.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223KLW	Cockpit internal panel

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 cockpit

I. Preparation

SUBTASK 841-002-A

(1) On the circuit breaker panel, open the GPWS/WDSHEAR circuit breaker (Location tip: 115 V AC/GPWS/WDSHEAR) and attach a DO-NOT-CLOSE tag to it.

(2) Open panel 223KLW ([AMM MPP 06-41-03/100](#)).

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

SUBTASK 020-002-A

(1) Release the knurled nut (2) which attaches the GPWS/Windshear computer (1).

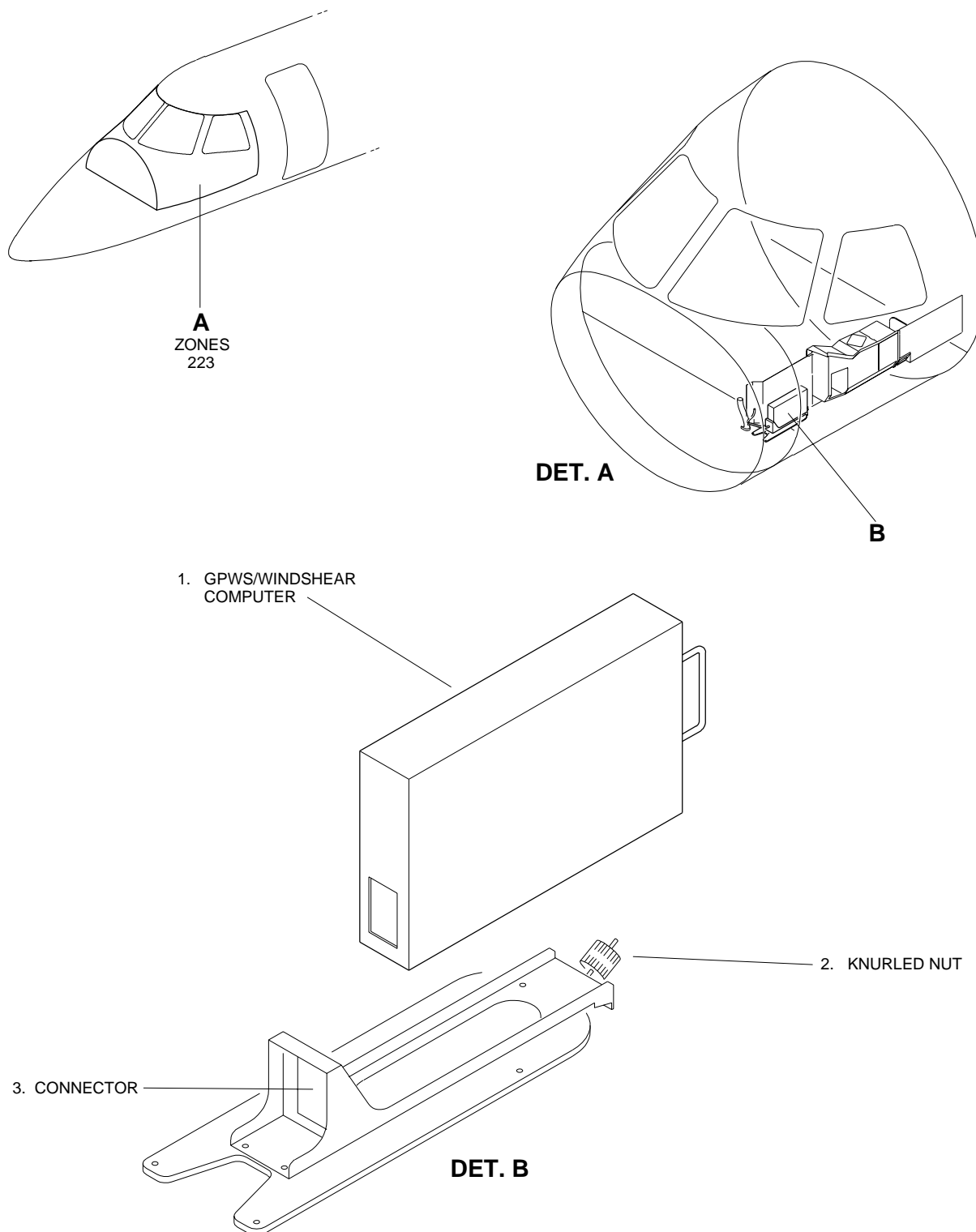
(2) Pull the GPWS/Windshear computer (1) by its handle until it is disconnected from the connector (3) attached to the mounting rack.

(3) Remove the GPWS/Windshear computer (1) from the mounting rack.

EFFECTIVITY: ALL

GPWS/Windshear Computer - Installation

Figure 401



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TASK 34-41-01-400-801-A

EFFECTIVITY: ALL

3. GPWS/WINDSHEAR COMPUTER - INSTALLATION

A. General

(1) This procedure gives the instructions to install the GPWS/Windshear computer.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 34-41-00-700-801-A/500	GPWS/WINDSHEAR - OPERATIONAL CHECK
AMM TASK 34-41-00-700-803-A/500	EGPWS/WINDSHEAR - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223KLW	Cockpit internal panel

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 cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the GPWS/Windshear computer (1) on the mounting rack.
- (2) Push the GPWS/Windshear computer (1) by its handle until it is connected to the connector (3) attached to the mounting rack.
- (3) Tighten the knurled nut (2) which attaches the GPWS/Windshear computer (1) to the mounting rack.

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the GPWS/WDSHEAR circuit breaker (Location tip: 115 V AC/GPWS/WDSHEAR) and remove a DO-NOT-CLOSE tag from it.
- (2) Do the GPWS/Windshear Operational Check ([AMM TASK 34-41-00-700-801-A/500](#)) or EGPWS/Windshear Operational Check ([AMM TASK 34-41-00-700-803-A/500](#)) as applicable.
- (3) Close panel 223KLW ([AMM MPP 06-41-03/100](#)).

TASK 34-41-01-000-802-A

EFFECTIVITY: ALL

4. EGPWS/WINDSHEAR COMPUTER - REMOVAL

A. General

(1) This procedure gives the instructions to remove the EGPWS/Windshear Computer.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223KLW	Cockpit internal panel

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 cockpit

I. Preparation

SUBTASK 841-003-A

(1) On the circuit breaker panel, open the GPWS/WDSHEAR circuit breaker (Location tip: 115 V AC/GPWS/WDSHEAR) and attach a DO-NOT-CLOSE tag to it.

(2) Open panel 223KLW ([AMM MPP 06-41-03/100](#)).

J. Removal (Figure 401)

SUBTASK 020-003-A

(1) Release the knurled nut (2) which attaches the EGPWS/Windshear computer (1).

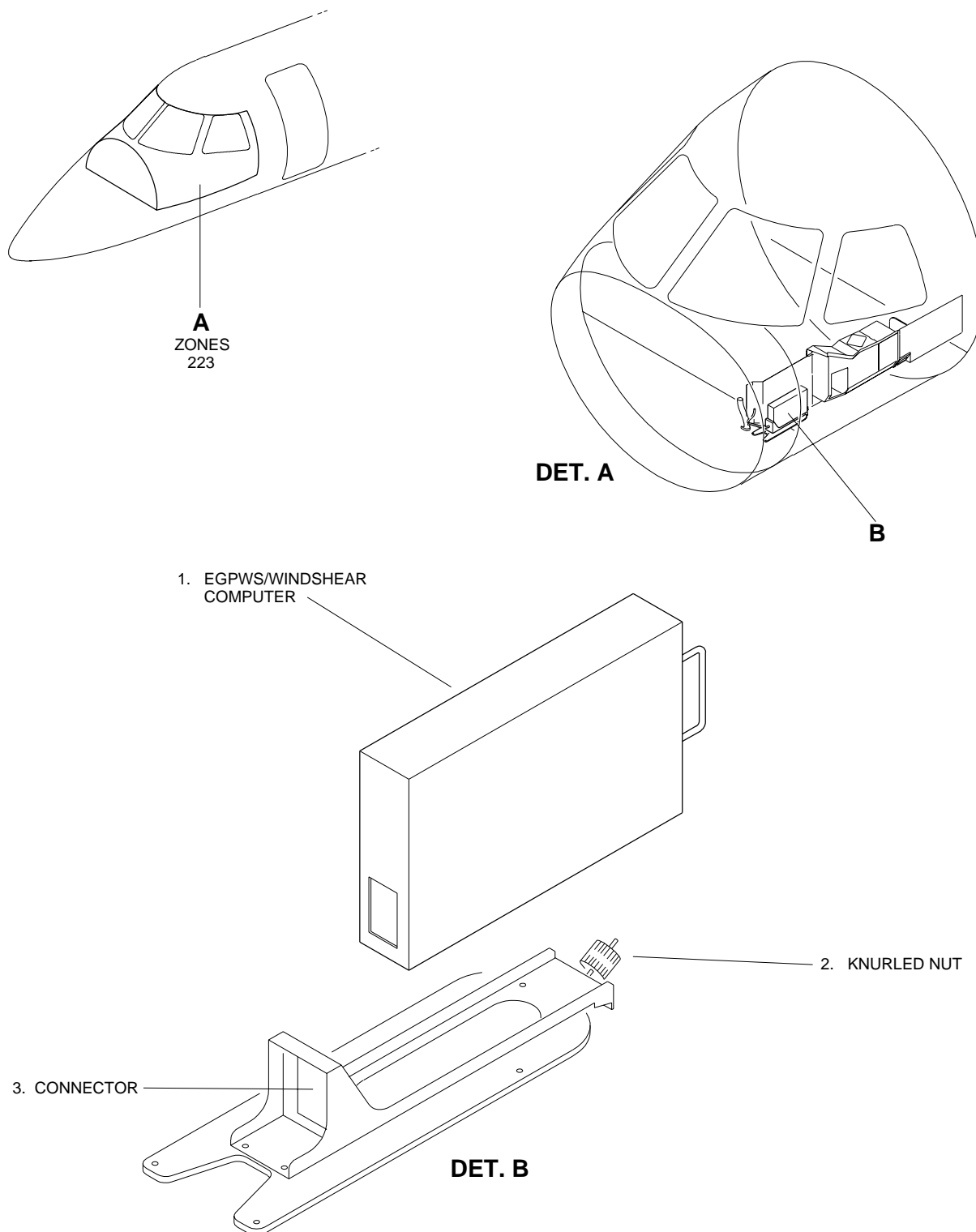
(2) Pull the EGPWS/Windshear computer (1) by its handle until it is disconnected from the connector (3) attached to the mounting rack.

(3) Remove the EGPWS/Windshear computer (1) from the mounting rack.

EFFECTIVITY: ALL

EGPWS/Windshear Computer - Installation

Figure 402



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TASK 34-41-01-400-802-A

EFFECTIVITY: ALL

5. EGPWS/WINDSHEAR COMPUTER - INSTALLATION

A. General

(1) This procedure gives the instructions to install the EGPWS/Windshear computer.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 34-41-00-470-801-A/400	TERRAIN DATA BASE - LOADING
AMM TASK 34-41-00-700-803-A/500	EGPWS/WINDSHEAR - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223KLW	Cockpit internal panel

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 cockpit

I. Installation (Figure 401)

SUBTASK 420-003-A

- (1) Install the EGPWS/Windshear computer (1) on the mounting rack.
- (2) Push the EGPWS/Windshear computer (1) by its handle until it is connected to the connector (3) attached to the mounting rack.
- (3) Tighten the knurled nut (2) which attaches the EGPWS/Windshear computer (1) to the mounting rack.

J. Follow-on

SUBTASK 842-003-A

- (1) On the circuit breaker panel, close the GPWS/WDSHEAR circuit breaker (Location tip: 115 V AC/GPWS/WDSHEAR) and remove the DO-NOT-CLOSE tag from it.
- (2) Do the load of the Terrain and Envelope Databases to the EGPWS/Windshear computer ([AMM TASK 34-41-00-470-801-A/400](#)).
- (3) Do the EGPWS/Windshear Operational Check ([AMM TASK 34-41-00-700-803-A/500](#)).
- (4) Close panel 223KLW ([AMM MPP 06-41-03/100](#)).

