

EICAS REVERSION PANEL - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the EICAS reversion panel.
- 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
31-41-03-000-801-A	EICAS REVERSION PANEL - REMOVAL	AIRCRAFT WITH EICAS REVERSION PANEL
31-41-03-400-801-A	EICAS REVERSION PANEL - INSTALLATION	AIRCRAFT WITH EICAS REVERSION PANEL
31-41-03-000-802-A	EICAS REVERSION PANEL - REMOVAL	AIRCRAFT WITH EICAS REVERSION/EGPWS/LG CUTOUT COMBINED PANEL
31-41-03-400-802-A	EICAS REVERSION PANEL - INSTALLATION	AIRCRAFT WITH EICAS REVERSION/EGPWS/LG CUTOUT COMBINED PANEL

TASK 31-41-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH EICAS REVERSION PANEL

2. EICAS REVERSION PANEL - REMOVAL

A. General

(1) This procedure gives the instructions to remove the EICAS reversion panel.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM SDS 24-60-00/1	
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
SB145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
114	114BZ	Nose-landing-gear compartment (RH)
223/224	223BZ	Cockpit

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	Cockpit

I. Preparation

SUBTASK 841-002-A

(1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:

- PUSH BUTTONS (Location Tip: DC BUS 2/LIGHTS/PUSH BUTTONS);

- PEDESTAL PANEL (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/PEDESTAL PANEL);
 - DAU 1A (Location Tip: ESSENTIAL DC BUS 1/EICAS/DAU 1A);
 - EICAS DAU 1B (Location Tip: DC BUS 1/EICAS DAU 1B);
 - EICAS DAU 2A (Location Tip: ESSENTIAL DC BUS 2/EICAS DAU 2A);
 - EICAS DAU 2B (Location Tip: DC BUS 2/EICAS DAU 2B).
- (2) (Applicable to aircraft PRE-MOD [SB145-32-0036](#)) Make sure that the pressure in hydraulic system 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
 - (3) (Applicable to aircraft POST-MOD [SB145-32-0036](#)) Install the safety pin on the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
 - (4) Open maintenance panel door 114BZ ([AMM MPP 06-41-03/100](#)) to get access to the backup battery relay box.
 - (5) On the backup battery relay box, open the DAU 1/2 circuit breaker ([AMM SDS 24-60-00/1](#)) and attach a DO-NOT-CLOSE tag to it.

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

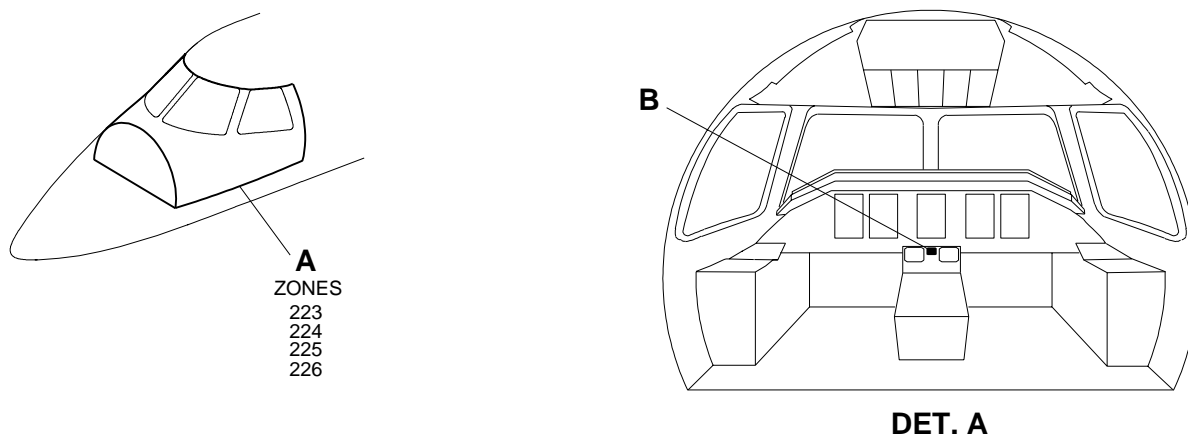
SUBTASK 020-002-A

- (1) Loosen the Dzus fasteners (1) which attach the EICAS reversion panel (2) to the panel (4).
- (2) Carefully pull the EICAS reversion panel (2) from its housing to get access to the electrical connector (3).
- (3) Open the electrical connector retainers (5).
- (4) Disconnect the electrical connector (3) from the EICAS reversion panel.
- (5) Install protection caps on the electrical connector (3).

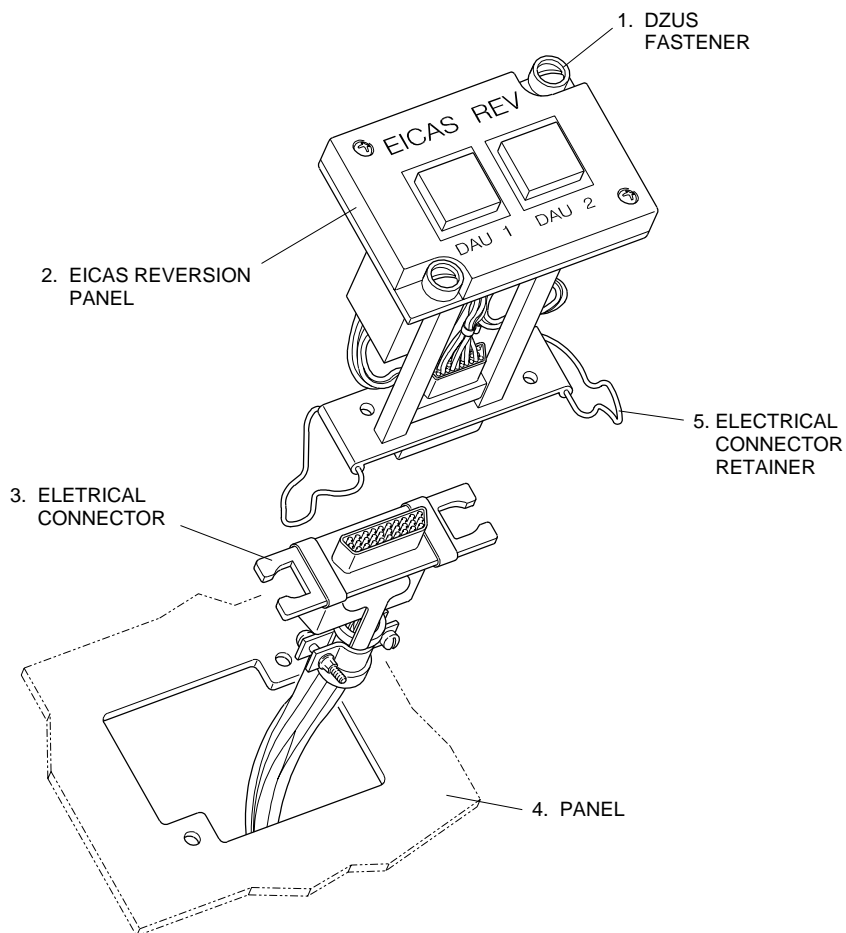
EFFECTIVITY: AIRCRAFT WITH EICAS REVERSION PANEL

EICAS Reversion Panel - Removal/Installation

Figure 401



DET. A



DET. B

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TASK 31-41-03-400-801-A

EFFECTIVITY: AIRCRAFT WITH EICAS REVERSION PANEL

3. EICAS REVERSION PANEL - INSTALLATION

A. General

(1) This procedure gives the instructions to install the EICAS reversion panel.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM SDS 24-60-00/1	
AMM TASK 31-41-00-700-801-A/500	DAU CHANNEL REVERSION - OPERATIONAL TEST
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
SB145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
114	114BZ	Nose landing gear compartment (RH)
223/224	223BZ	Cockpit

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	Cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Remove the protection caps from the electrical connector (3).
- (2) Hold the EICAS reversion panel (2) and connect the electrical connector (3).
- (3) Close the electrical connector retainers (5).

- (4) Carefully install the EICAS reversion panel (2) in its installation position.
- (5) Tighten the Dzus fasteners (1).

J. Follow-on

SUBTASK 842-002-A

- (1) On the backup battery relay box, remove the DO-NOT-CLOSE tag from the DAU 1/2 circuit breaker ([AMM SDS 24-60-00/1](#)) and close it.
- (2) Close maintenance panel door 114BZ ([AMM MPP 06-41-03/100](#)).
- (3) (Applicable to aircraft POST-MOD [SB145-32-0036](#)) Remove the safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (4) On the circuit breaker panel, remove the DO-NOT-CLOSE tags from these circuit breakers and close them:
 - PUSH BUTTONS (Location Tip: DC BUS 2/LIGHTS/PUSH BUTTONS);
 - PEDESTAL PANEL (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/PEDESTAL PANEL);
 - DAU 1A (Location Tip: ESSENTIAL DC BUS 1/EICAS/DAU 1A);
 - EICAS DAU 1B (Location Tip: DC BUS 1/EICAS DAU 1B);
 - EICAS DAU 2A (Location Tip: ESSENTIAL DC BUS 2/EICAS DAU 2A);
 - EICAS DAU 2B (Location Tip: DC BUS 2/EICAS DAU 2B).
- (5) Do the DAU Channel Reversion - Operational Test ([AMM TASK 31-41-00-700-801-A/500](#)).

TASK 31-41-03-000-802-A

EFFECTIVITY: AIRCRAFT WITH EICAS REVERSION/EGPWS/LG CUTOUT COMBINED PANEL

4. EICAS REVERSION PANEL - REMOVAL

A. General

(1) This procedure gives the instructions to remove the EICAS reversion panel.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM SDS 24-60-00/1	
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
SB145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
114	114BZ	Nose-landing-gear compartment (RH)
223/224	223BZ	Cockpit

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	Cockpit

I. Preparation

SUBTASK 841-003-A

(1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:

- PUSH BUTTONS (Location Tip: DC BUS 2/LIGHTS/PUSH BUTTONS);

- PEDESTAL PANEL (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/PEDESTAL PANEL);
 - DAU 1A (Location Tip: ESSENTIAL DC BUS 1/EICAS/DAU 1A);
 - EICAS DAU 1B (Location Tip: DC BUS 1/EICAS DAU 1B);
 - EICAS DAU 2A (Location Tip: ESSENTIAL DC BUS 2/EICAS DAU 2A);
 - EICAS DAU 2B (Location Tip: DC BUS 2/EICAS DAU 2B);
 - AWS1 (Location Tip: ESSENTIAL DC BUS 1/MISCELLANEOUS/AWS 1);
 - (Aircraft with EGPWS) GPWS/WDSHEAR (Location Tip: 115 VAC/GPWS/WDSHEAR).
- (2) (Applicable to aircraft PRE-MOD [SB145-32-0036](#)) Make sure that the pressure in hydraulic system 1 is fully released ([AMM TASK 29-10-00-860-802-A/200](#)).
- (3) (Applicable to aircraft POST-MOD [SB145-32-0036](#)) Install the safety pin on the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (4) Open maintenance panel door 114BZ ([AMM MPP 06-41-03/100](#)) to get access to the backup battery relay box.
- (5) On the backup battery relay box, open the DAU 1/2 circuit breaker ([AMM SDS 24-60-00/1](#)) and attach a DO-NOT-CLOSE tag to it.

J. Removal

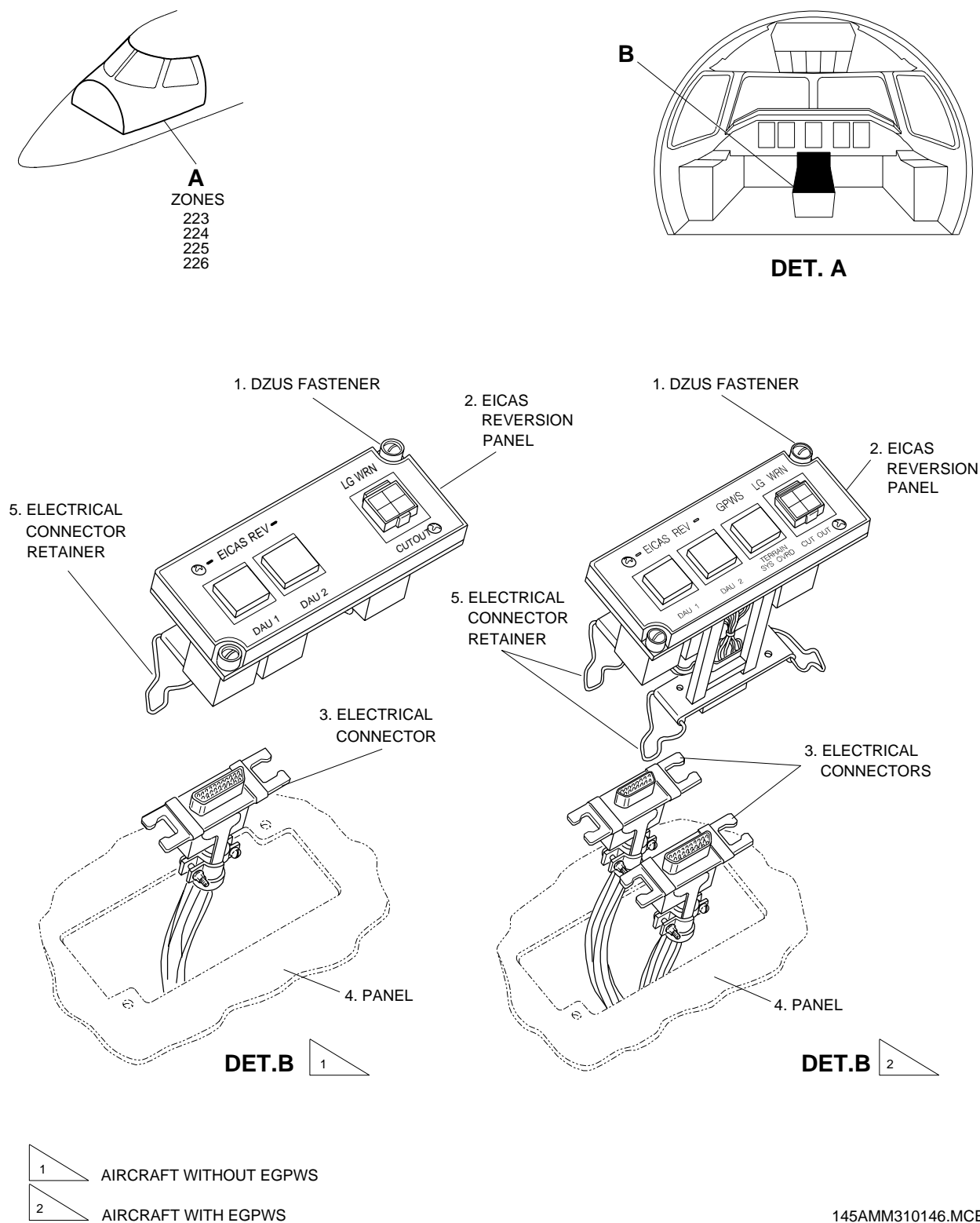
SUBTASK 020-003-A

- (1) Loosen the Dzus fasteners (1) which attach the EICAS reversion panel (2) to the panel (4).
- (2) Carefully pull the EICAS reversion panel (2) from its housing to get access to the electrical connector(s) (3).
- (3) Open the electrical connector(s) retainers (5).
- (4) Disconnect the electrical connector(s) (3) from the EICAS reversion panel.
- (5) Install protection caps on the electrical connector(s) (3).

EFFECTIVITY: AIRCRAFT WITH EICAS REVERSION/EGPWS/LG CUTOUT COMBINED PANEL

EICAS Reversion Panel - Removal/Installation

Figure 402



145AMM310146.MCE

TASK 31-41-03-400-802-A

EFFECTIVITY: AIRCRAFT WITH EICAS REVERSION/EGPWS/LG CUTOUT COMBINED PANEL

5. EICAS REVERSION PANEL - INSTALLATION

A. General

(1) This procedure gives the instructions to install the EICAS reversion panel.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM SDS 24-60-00/1	
AMM TASK 31-41-00-700-801-A/500	DAU CHANNEL REVERSION - OPERATIONAL TEST
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
AMM TASK 32-62-00-700-801-A/500	LANDING-GEAR WARNING SYSTEM - OPERATIONAL CHECK
AMM TASK 34-41-00-700-803-A/500	EGPWS/WINDSHEAR - OPERATIONAL CHECK
SB145-32-0036	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
114	114BZ	Nose-landing-gear compartment (RH)
223/224	223BZ	Cockpit

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	Cockpit

I. Installation

SUBTASK 420-003-A

(1) Remove the protection caps from the electrical connector(s) (3).

(2) Hold the EICAS reversion panel (2) and connect the electrical connector(s) (3).

- (3) Close the electrical connector(s) retainers (5).
- (4) Carefully install the EICAS reversion panel (2) in its installation position.
- (5) Tighten the Dzus fasteners (1).

J. Follow-on

SUBTASK 842-003-A

- (1) On the backup battery relay box, remove the DO-NOT-CLOSE tag from the DAU 1/2 circuit breaker ([AMM SDS 24-60-00/1](#)) and close it.
- (2) Close maintenance panel door 114BZ ([AMM MPP 06-41-03/100](#)).
- (3) (Applicable to aircraft POST-MOD [SB145-32-0036](#)) Remove the safety pin of the NLG-door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (4) On the circuit breaker panel, remove the DO-NOT-CLOSE tags from these circuit breakers and close them:
 - PUSH BUTTONS (Location Tip: DC BUS 2/LIGHTS/PUSH BUTTONS);
 - PEDESTAL PANEL (Location Tip: ESSENTIAL DC BUS 2/LIGHTS/PEDESTAL PANEL);
 - DAU 1A (Location Tip: ESSENTIAL DC BUS 1/EICAS/DAU 1A);
 - EICAS DAU 1B (Location Tip: DC BUS 1/EICAS DAU 1B);
 - EICAS DAU 2A (Location Tip: ESSENTIAL DC BUS 2/EICAS DAU 2A);
 - EICAS DAU 2B (Location Tip: DC BUS 2/EICAS DAU 2B);
 - AWS1 (Location Tip: ESSENTIAL DC BUS 1/MISCELLANEOUS/AWS 1);
 - (Aircraft with EGPWS) GPWS/WDSHEAR (Location Tip: 115 VAC/GPWS/WDSHEAR).
- (5) Do the DAU Channel Reversion - Operational Test ([AMM TASK 31-41-00-700-801-A/500](#)).
- (6) Do the Landing-Gear Warning System - Operational Check ([AMM TASK 32-62-00-700-801-A/500](#)).
- (7) (Aircraft with EGPWS) Do the EGPWS/Windshear - Operational Check ([AMM TASK 34-41-00-700-803-A/500](#)).

