

## WING HIGH LEVEL EXCEEDING FLOAT SWITCH - REMOVAL/INSTALLATION

*EFFECTIVITY: AIRCRAFT WITH HIGH LEVEL EXCEEDING INDICATIONS SYSTEM*

### 1. General

- A. This section gives the procedures to remove/install the wing high-level exceeding float switch.
- 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
28-23-18-000-801-A	WING HIGH-LEVEL EXCEEDING FLOAT SWITCH - REMOVAL	AIRCRAFT WITH HIGH LEVEL EXCEEDING INDICATIONS SYSTEM
28-23-18-400-801-A	WING HIGH-LEVEL EXCEEDING FLOAT SWITCH - INSTALLATION	AIRCRAFT WITH HIGH LEVEL EXCEEDING INDICATIONS SYSTEM

TASK 28-23-18-000-801-A

EFFECTIVITY: AIRCRAFT WITH HIGH LEVEL EXCEEDING INDICATIONS SYSTEM

2. WING HIGH-LEVEL EXCEEDING FLOAT SWITCH - REMOVAL

A. General

(1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM MPP 06-44-00/100</a>	- COMPONENT LOCATION
<a href="#">AMM MPP 28-00-00/200</a>	- MAINTENANCE PRACTICES
<a href="#">AMM TASK 12-11-01-600-802-A/300</a>	FUEL-TANK PRESSURE DEFUELING - SERVICING
<a href="#">AMM TASK 28-11-01-000-801-A/400</a>	FUEL-TANK ACCESS PANELS - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
541	541DB	LH Underwing area
641	641DB	RH Underwing area

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	LH/RH underwing area

I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

(1) Defuel the tanks ( [AMM TASK 12-11-01-600-802-A/300](#) ).

- (2) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - REFUEL 1 - DC BUS 1.
  - REFUEL 2 - DC BUS 2.
- (3) Remove these access panels (AMM MPP 06-41-01/100, [AMM MPP 06-44-00/100](#), and [AMM TASK 28-11-01-000-801-A/400](#)) to get access to the wing high-level exceeding float switch.
  - (a) LH fuel tank:
    - 541DB.
  - (b) RH fuel tank:
    - 641DB.

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

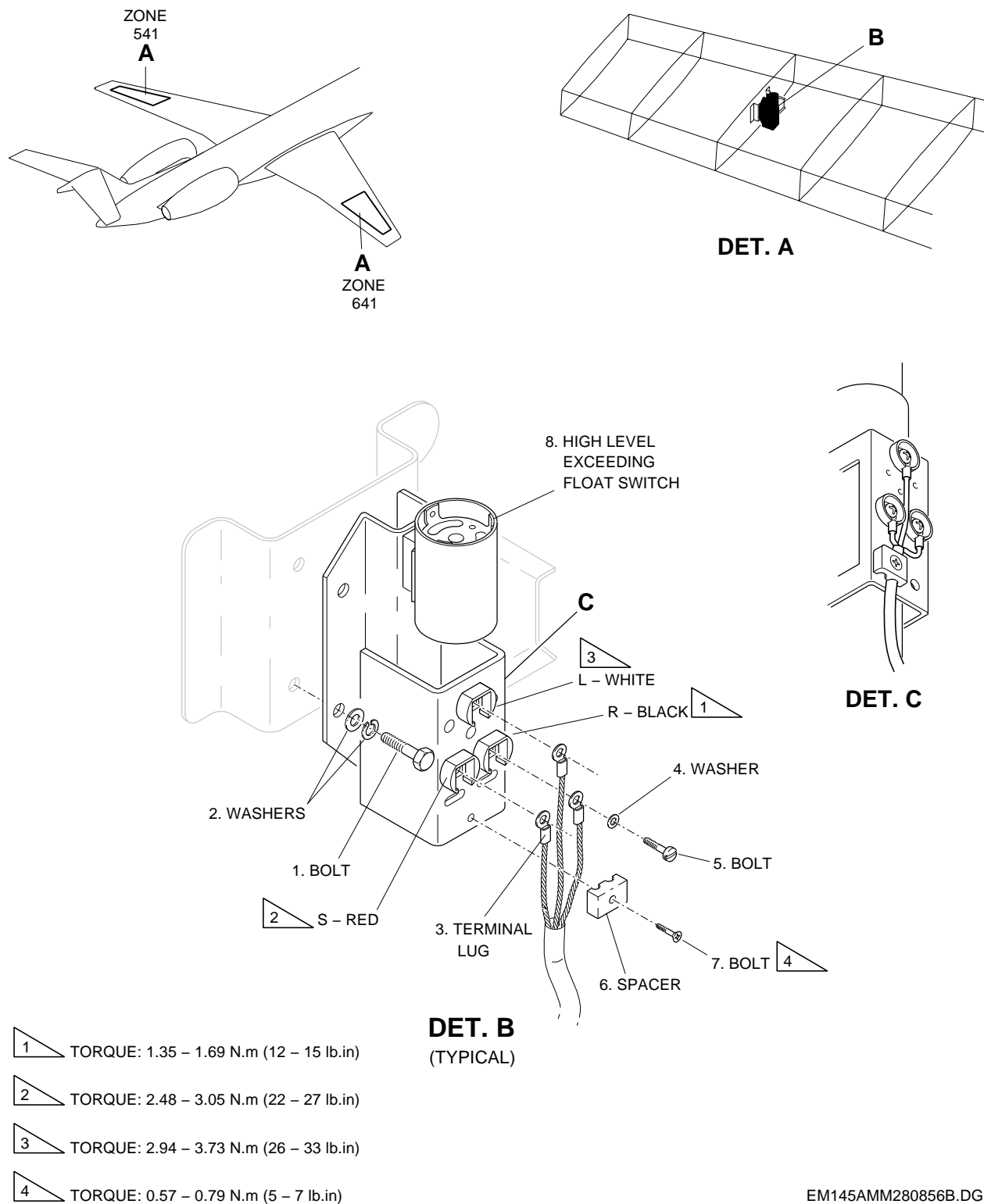
*SUBTASK 020-002-A*

- (1) Loose the bolt (7) and the spacer (6).
- (2) Remove the bolts (5) and washers (4) to release the terminal lugs (3).
- (3) Remove the bolts (1) and washers (2).
- (4) Remove the wing high-level exceeding float switch (8) from the support.

**EFFECTIVITY: AIRCRAFT WITH HIGH LEVEL EXCEEDING INDICATIONS SYSTEM**

**Wing High-Level Exceeding Float Switch - Removal/Installation**

Figure 401



TASK 28-23-18-400-801-A

EFFECTIVITY: AIRCRAFT WITH HIGH LEVEL EXCEEDING INDICATIONS SYSTEM

3. WING HIGH-LEVEL EXCEEDING FLOAT SWITCH - INSTALLATION

A. General

(1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-11-01-600-801-A/300	FUEL-TANK PRESSURE REFUELING - SERVICING
AMM TASK 20-13-21-910-801-A/200	TYPES OF ELECTRICAL BONDING AND SURFACE PREPARATION - STANDARD PROCEDURES
AMM TASK 20-13-21-910-802-A/200	ELECTRICAL BONDING PROTECTION - STANDARD PROCEDURES
AMM TASK 28-11-01-400-801-A/400	FUEL-TANK ACCESS PANELS - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
541	541DB	LH underwing area
641	641DB	RH underwing area

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	LH/RH underwing area

I. Installation (Figure 401)

SUBTASK 720-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 28-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) Prepare the high level switch base and support surfaces for bonding. Do the bonding procedures method 3 ([AMM TASK 20-13-21-910-801-A/200](#)).
- (2) Put the wing high-level exceeding float switch (8) in position.
- (3) Install the washers (2) and bolts (1) that attach the wing high-level exceeding float switch

**CAUTION:** MAKE SURE THAT EACH TERMINAL LUG IS INSTALLED CORRECTLY. THE LETTERS "R", "S", AND "L" ON THE TERMINAL LUGS MUST BE ALIGNED WITH THOSE ON THE WING HIGH-LEVEL EXCEEDING FLOAT SWITCH.

- (4) Put the terminal lugs (3) on the wing high-level exceeding float switch, and install the bolts (5) and washers (4).

**CAUTION:** WHEN YOU TIGHTEN THE SPACER:

- MAKE SURE THAT THE SPACER DOES NOT DAMAGE THE HARNESS OR THE WIRES OF THE TERMINALS.
  - MAKE SURE THAT THE IDENTIFICATION TAG OF THE HARNESS IS OUT OF THE SPACER. THIS HELPS YOU TO IDENTIFY THE WIRES OF THE SWITCH.
- (5) Tighten the bolt (7) and the spacer (6).
  - (6) Do the bonding protection for the high level switch base and support ( [AMM TASK 20-13-21-910-802-A/200](#)).

J. Follow-on

*SUBTASK 842-002-A*

- (1) Install these access panels (AMM MPP 06-41-01/100, [AMM MPP 06-44-00/100](#), and [AMM TASK 28-11-01-400-801-A/400](#)):
  - (a) LH fuel tank:
    - 541DB.
  - (b) RH fuel tank:
    - 641DB.
- (2) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - REFUEL 1 - DC BUS 1.
  - REFUEL 2 - DC BUS 2.
- (3) Refuel the tanks ( [AMM TASK 12-11-01-600-801-A/300](#)), as applicable.