

DEFUELING SHUT-OFF VALVE - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the operational check of the refueling/defueling shut-off valve.
- 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
28-23-07-700-801-A	DEFUELING SHUT-OFF VALVE - OPERATIONAL CHECK	ACFT WITH WET WINGSTUB
28-23-07-700-802-A	DEFUELING SHUT-OFF VALVE - OPERATIONAL CHECK	ACFT WITH DRY WINGSTUB

TASK 28-23-07-700-801-A

EFFECTIVITY: ACFT WITH WET WINGSTUB

2. DEFUELING SHUT-OFF VALVE - OPERATIONAL CHECK

A. General

- (1) This task is a check of the defueling shut-off valve for operation. This valve permits the defueling of the tanks.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 28-41-00-200-801-A/600	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191	191BR	Wing-to-fuselage fairing
155	155EZ	Landing gear bay
156	156EZ	Landing gear bay

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	Operates the refueling/defueling control panel	Center lower fairing
1	Monitors the defueling shut-off valve operation	Landing gear bay

I. Preparation

SUBTASK 841-002-A

- (1) Open access panel 191BR (AMM MPP 06-41-01/100) to get access to the refueling/defueling control panel.
- (2) Remove access panels 155EZ/156EZ (AMM MPP 06-41-01/100) to get access to the defueling shut-off valve.

- (3) Energize the aircraft with an external DC - Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Operational Check of the Defueling Shut-off Valve ([Figure 501](#))

SUBTASK 710-002-A

- (1) Do the check below:
- (a) On the refueling/defueling control panel, open the defueling switch guard and set the switch to the OPEN position.
Result:
- 1 On the refueling/defueling control panel, make sure that the defueling light comes on.
 - 2 Make sure that the position indicator, at the defueling shut-off valve, shows the OPEN position.
- (b) On the refueling/defueling control panel, set the defueling switch to the CLOSED position.
Result:
- 1 On the refueling/defueling control panel, make sure that the defueling light goes off.
 - 2 Make sure that the position indicator, at the defueling shut-off valve, shows the CLOSED position.

K. Follow-on

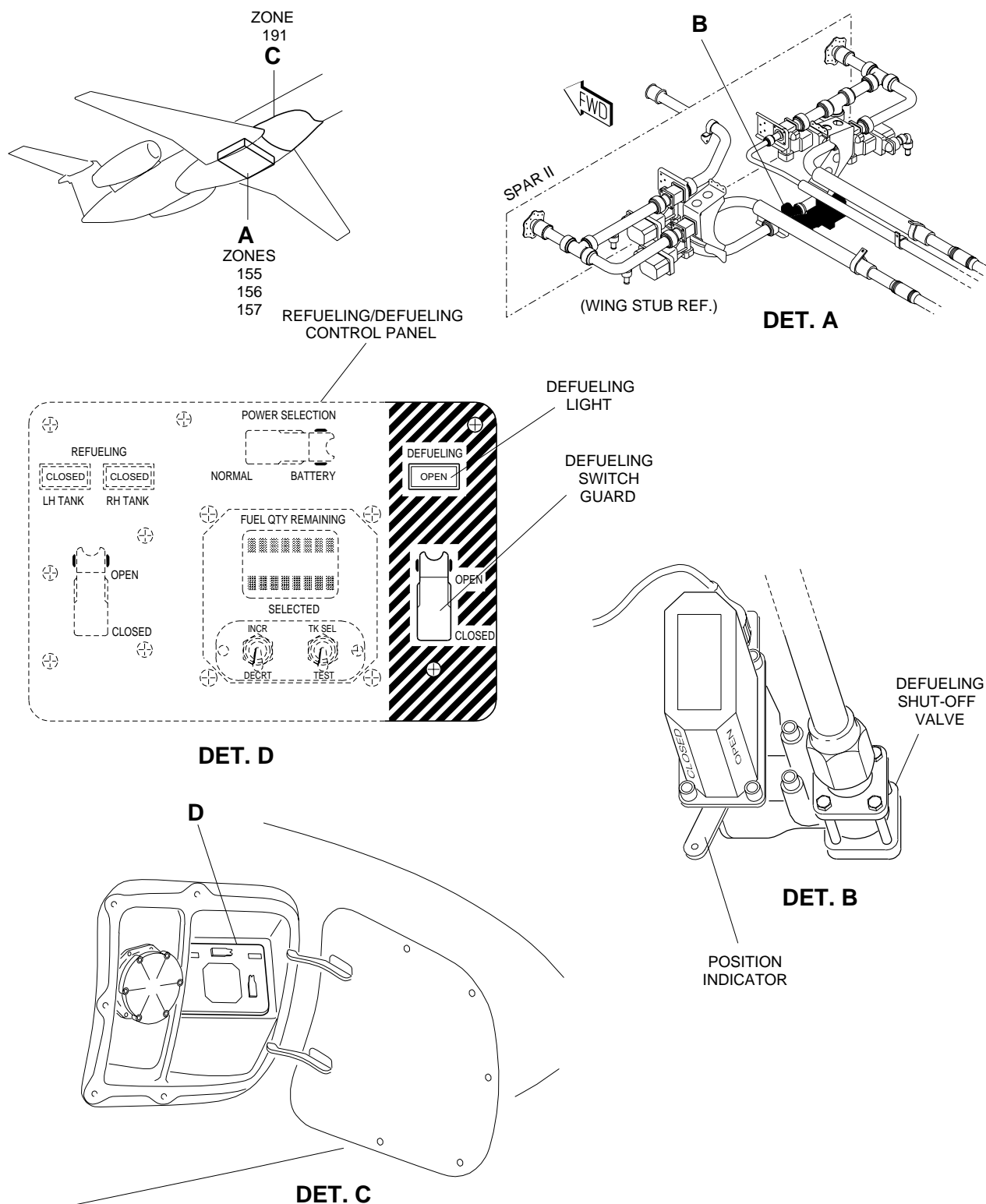
SUBTASK 842-002-A

- (1) Close the defueling switch guard.
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).
- NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Maintenance Review Board Report (MRB).
- (4) Install access panel 155EZ/156EZ (AMM MPP 06-41-01/100).
- (5) Close the access panel 191BR (AMM MPP 06-41-01/100).

EFFECTIVITY: ACFT WITH WET WINGSTUB

Defueling Shut-off Valve - Controls/Indication - Component Locations

Figure 501



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TASK 28-23-07-700-802-A

EFFECTIVITY: ACFT WITH DRY WINGSTUB

3. DEFUELING SHUT-OFF VALVE - OPERATIONAL CHECK

A. General

- (1) This task is a check of the defueling shut-off valve for operation. This valve permits the defueling of the tanks.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 28-41-00-200-801-A/600	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191	191BR	Wing-to-fuselage fairing
192	192AL	Wing stub

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	Operates the refueling/defueling control panel	Center lower fairing
1	Monitors the defueling shut-off valve operation	Wing stub

I. Preparation

SUBTASK 841-003-A

- (1) Open access panel 191BR (AMM MPP 06-41-01/100) to get access to the refueling/defueling control panel.
- (2) Remove access panel 192AL (AMM MPP 06-41-01/100) to get access to the defueling shut-off valve.

- (3) Energize the aircraft with an external DC - Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Operational Check of the Defueling Shut-off Valve ([Figure 502](#))

SUBTASK 710-003-A

- (1) Do the check below:
- (a) On the refueling/defueling control panel, open the defueling switch guard and set the switch to the OPEN position.
Result:
- 1 On the refueling/defueling control panel, make sure that the defueling light comes on.
 - 2 Make sure that the position indicator, at the defueling shut-off valve, shows the OPEN position.
- (b) On the refueling/defueling control panel, set the defueling switch to the CLOSED position.
Result:
- 1 On the refueling/defueling control panel, make sure that the defueling light goes off.
 - 2 Make sure that the position indicator, at the defueling shut-off valve, shows the CLOSED position.

K. Follow-on

SUBTASK 842-003-A

- (1) Close the defueling switch guard.
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

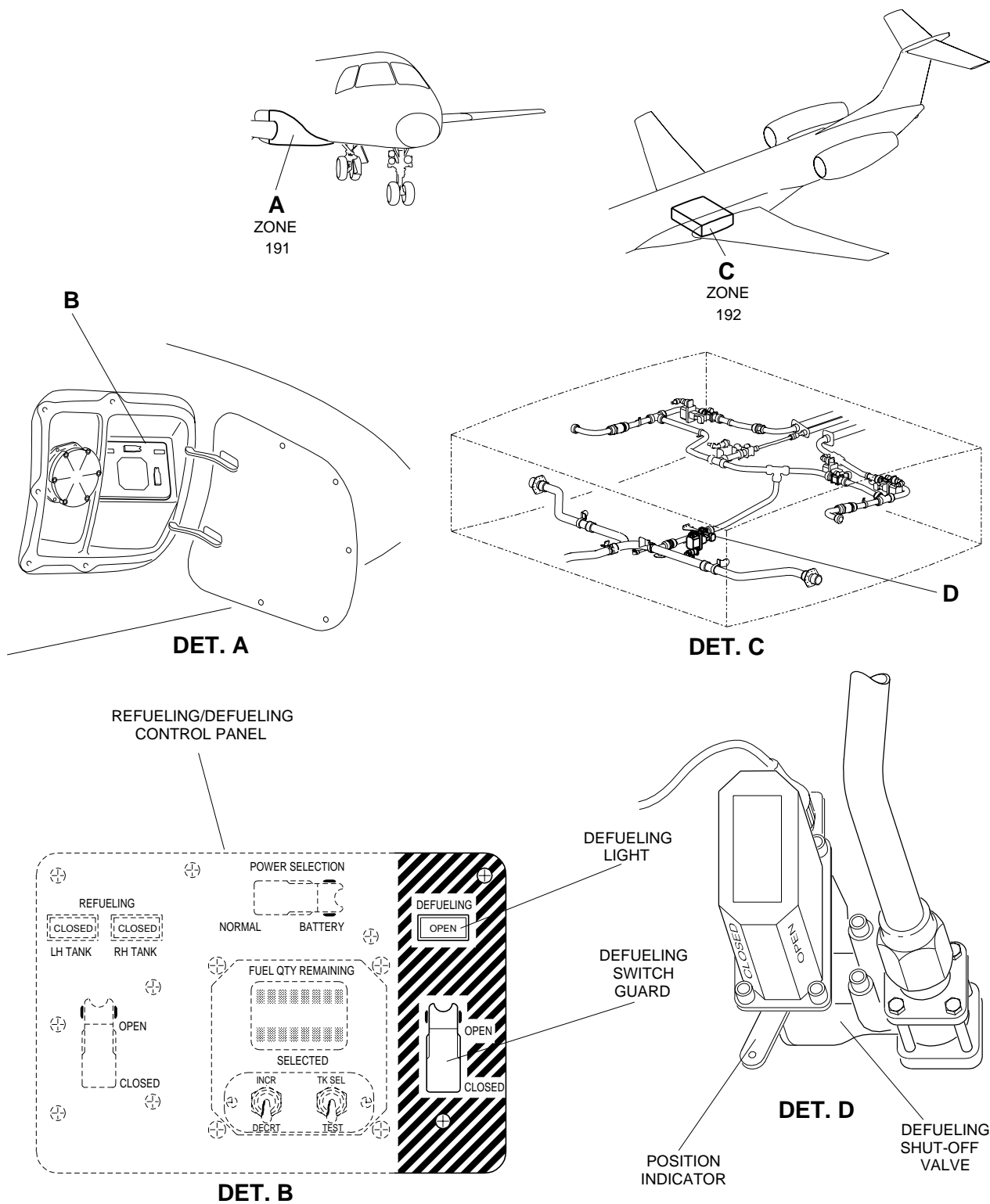
NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Maintenance Review Board Report (MRB).

- (4) Install access panel 192AL (AMM MPP 06-41-01/100).
- (5) Close the access panel 191BR (AMM MPP 06-41-01/100).

EFFECTIVITY: ACFT WITH DRY WINGSTUB

Defueling Shut-off Valve - Controls/Indication - Component Locations

Figure 502



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