



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

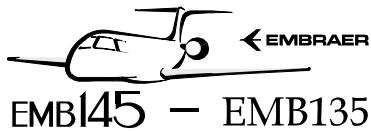
TOILET-UNIT DRAIN VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the toilet-unit drain 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
38-32-08-000-801-A	TOILET-UNIT DRAIN VALVE - REMOVAL	ALL
38-32-08-400-801-A	TOILET-UNIT DRAIN VALVE - INSTALLA- TION	ALL



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TASK 38-32-08-000-801-A

EFFECTIVITY: ALL

2. TOILET-UNIT DRAIN VALVE - REMOVAL

A. General

**WARNING: PREVENT CONTACT WITH THE LAVATORY FLUIDS DURING MAINTENANCE OR SERVICE IN THE LAVATORY AREA. LAVATORY FLUIDS ARE CONTAMINATED AND CORROSIVE:**

- PUT ON SAFETY GOGGLES.
- PUT ON SAFETY GLOVES.
- PUT ON SAFETY CLOTHES.

(1) This task gives the procedures to remove the toilet-unit drain valve.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-40-04-000-801-A/400	TOILET SHROUD ASSEMBLY - REMOVAL
AMM TASK 38-30-00-600-801-A/300	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Goggles	Protection for the eyes	1
Commercially available	Rubber Gloves	Protection for the hands	1
Commercially available	Safety Clothes	To prevent contact with the lavatory fluids	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Lavatory



I. Preparation

SUBTASK 841-003-A

- (1) Make sure that the toilet unit is serviced (AMM TASK 38-30-00-600-801-A/300) and empty.
- (2) On the overhead circuit-breaker panel, open the FLUSH circuit breaker (Location tip: DC BUS 1/LAVATORY/FLUSH) and attach a DO-NOT-CLOSE tag to it.
- (3) Remove the toilet shroud ([AMM TASK 25-40-04-000-801-A/400](#)).
- (4) Put the canvas around the toilet to prevent spillage on the floor and as a protection for the lavatory.

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

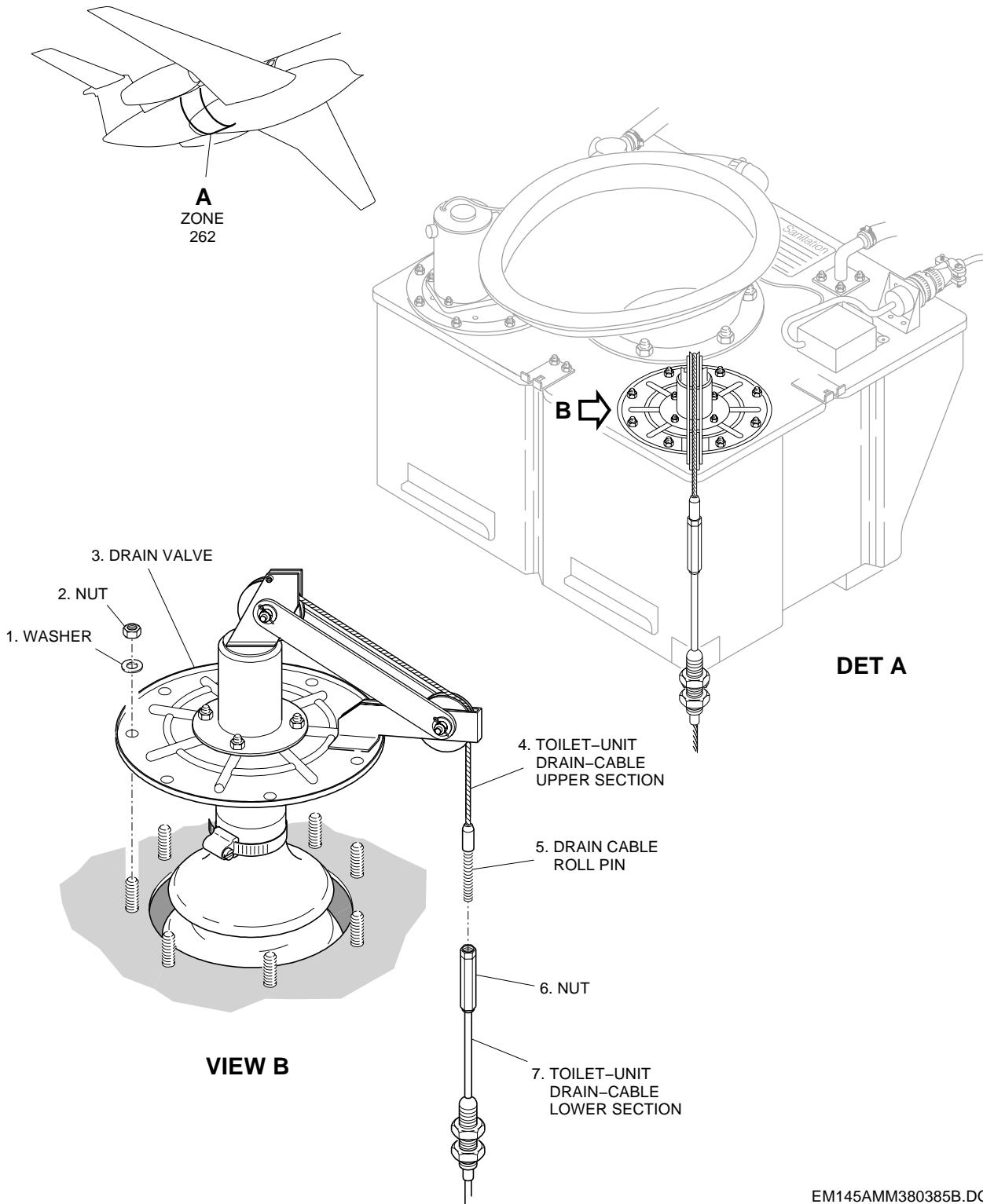
SUBTASK 020-003-A

- (1) Loosen the nut (6) from the drain-cable roll pin (5) and move apart the upper section of the toilet-unit drain cable (4) and the lower section of the toilet-unit drain cable (7).
- (2) Loosen the nut (2) and the washer (1) to remove the toilet-unit drain valve (3).

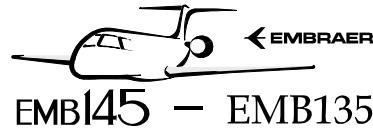
**EFFECTIVITY: ALL**

Toilet-Unit Drain Valve - Removal/Installation

Figure 401



EM145AMM380385B.DGN



# AIRCRAFT MAINTENANCE MANUAL

TASK 38-32-08-400-801-A

EFFECTIVITY: ALL

### 3. TOILET-UNIT DRAIN VALVE - INSTALLATION

#### A. General

**WARNING: PREVENT CONTACT WITH THE LAVATORY FLUIDS DURING MAINTENANCE OR SERVICE IN THE LAVATORY AREA. LAVATORY FLUIDS ARE CONTAMINATED AND CORROSIVE:**

- **PUT ON SAFETY GOGGLES.**
- **PUT ON SAFETY GLOVES.**
- **PUT ON SAFETY CLOTHES.**

(1) This task gives the procedures to install the toilet-unit drain valve.

#### B. References

REFERENCE	DESIGNATION
AMM TASK 25-40-04-400-801-A/400	TOILET SHROUD ASSEMBLY - INSTALLATION
AMM TASK 38-30-00-600-801-A/300	-

#### C. Zones and Accesses

Not Applicable

#### D. Tools and Equipment

Not Applicable

#### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Goggles	Protection for the eyes	1
Commercially available	Rubber Gloves	Protection for the hands	1
Commercially available	Safety Clothes	To prevent contact with the lavatory fluids	1

#### F. Consumable Materials

Not Applicable

#### G. Expandable Parts

Not Applicable

#### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Lavatory



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I. Installation (Figure 401)

SUBTASK 420-003-A

- (1) Install the toilet unit drain valve (3) and attaches it with the nut (2) and washer (1).
- (2) Install the nut (6) to the drain-cable roll pin (5) to connect the upper section (4) of the toilet-unit drain cable to the lower section (7) of the toilet-unit drain cable.

J. Follow-on

SUBTASK 842-003-A

- (1) On the overhead circuit-breaker panel, remove the DO-NOT-CLOSE tag from the FLUSH circuit breaker (Location tip: DC BUS 1/LAVATORY/FLUSH) and close it.
- (2) Install the toilet shroud assembly ([AMM TASK 25-40-04-400-801-A/400](#)).
- (3) Service the toilet unit (AMM TASK 38-30-00-600-801-A/300).
- (4) Remove the canvas from around the toilet unit.