

WASTE DRAIN HOSE - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedures to remove/install the waste drain hose.
- 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 |
|--------------------|-------------------------------------|--------------------------|
| 38-32-02-000-802-A | AFT WASTE-DRAIN HOSE - REMOVAL | ACFT MODEL(S) EMB-135 |
| 38-32-02-400-802-A | AFT WASTE-DRAIN HOSE - INSTALLATION | ACFT MODEL(S) EMB-135 |

TASK 38-32-02-000-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. AFT WASTE-DRAIN HOSE - REMOVAL

A. General

WARNING: PREVENT CONTACT WITH THE LAVATORY FLUIDS DURING MAINTENANCE OR SERVICE IN THE LAVATORY AREA.

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

- (1) This task gives the procedure to remove the waste drain hose.
- (2) To get access to the aft waste-drain hose, you must remove: the toilet shroud assembly, the toilet unit, the mid section of the water-tank fill and overflow lines, the drip pan assembly, the toilet manifold assembly, the baggage-compartment floor lining, and baggage-compartment floor panel 272AF.

B. References

| REFERENCE | DESIGNATION |
|---|--|
| AMM MPP 06-41-02/100 | - |
| AMM TASK 25-40-01-000-801-A/400 | - |
| AMM TASK 25-40-04-000-801-A/400 | TOILET SHROUD ASSEMBLY - REMOVAL |
| AMM TASK 25-51-04-000-801-A/400 | BAGGAGE-COMPARTMENT FLOOR LINING - REMOVAL |
| AMM TASK 38-10-07-000-802-A/400 | - |
| AMM TASK 38-32-01-000-801-A/400 | TOILET UNIT - REMOVAL |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|---------------------------|
| 272 | 272AF | Baggage compartment floor |

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 |
| 1 | Helps with the task | Under the baggage compartment floor |

I. Preparation

SUBTASK 841-009-A

- (1) Remove the toilet shroud assembly ([AMM TASK 25-40-04-000-801-A/400](#)).
- (2) Remove the toilet unit ([AMM TASK 38-32-01-000-801-A/400](#)).
- (3) Remove the mid section of the water-tank fill and overflow lines (AMM TASK 38-10-07-000-802-A/400).
- (4) Remove the drip pan assembly (AMM TASK 25-40-01-000-801-A/400).
- (5) Remove the baggage-compartment floor lining ([AMM TASK 25-51-04-000-801-A/400](#)).
- (6) Remove baggage-compartment floor panel 272AF (AMM MPP 06-41-02/100).

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

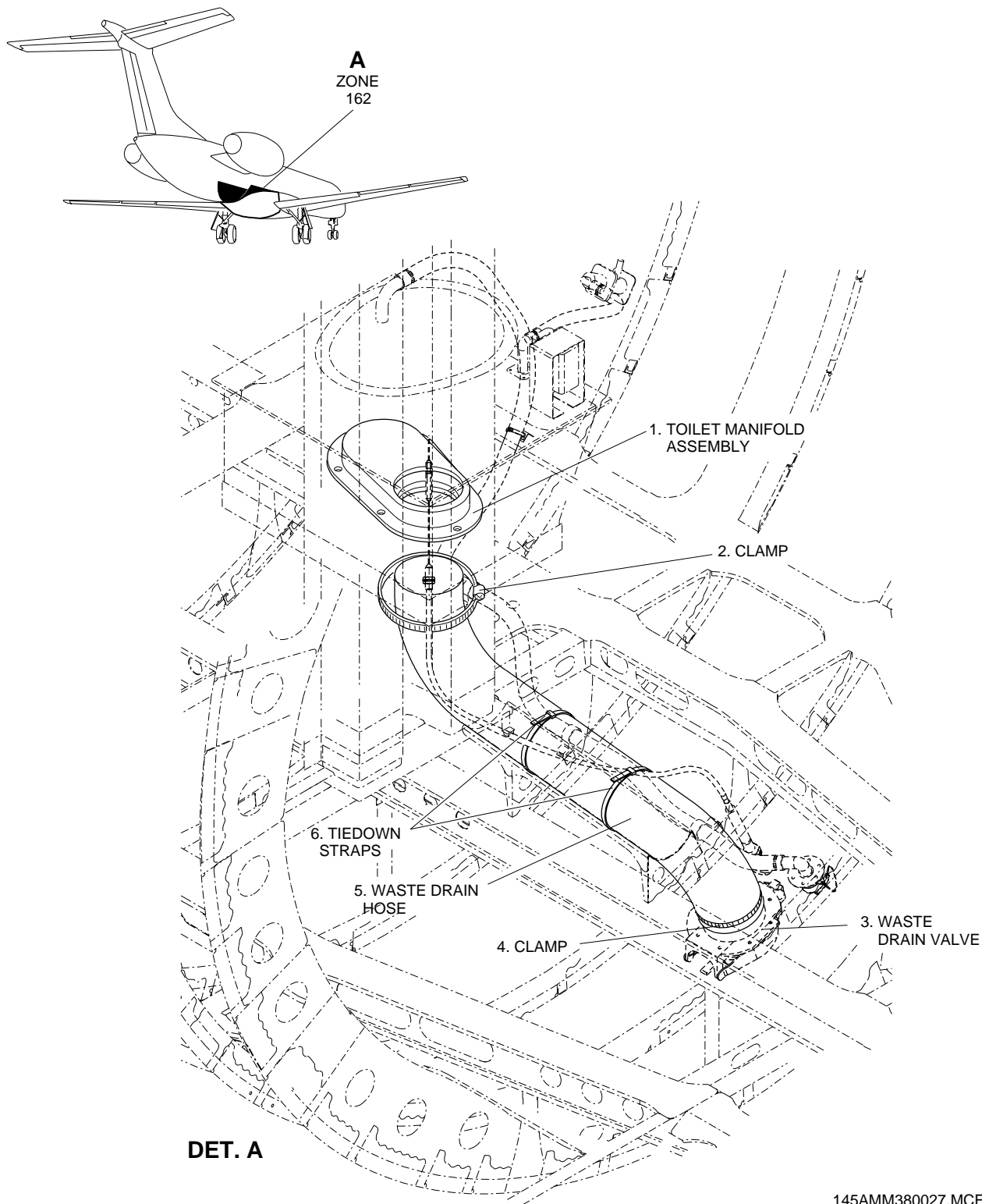
SUBTASK 020-009-A

- (1) Get access to the waste drain hose (5) through the baggage compartment floor and loosen the clamp (4) that attaches the hose to the waste drain valve (3).
- (2) Remove and discard the tiedown straps (6).
- (3) Disengage the waste drain hose (5) from the waste drain valve (3).
- (4) Remove the toilet manifold assembly (1) (AMM TASK 25-40-01-000-801-A/400) together with the waste drain hose (5) and the clamp (4).
- (5) Loosen the clamp (2) that attaches the waste drain hose (5) to the toilet manifold assembly (1).
- (6) Disengage the waste drain hose (5) from the toilet manifold assembly (1).

EFFECTIVITY: ACFT MODEL(S) EMB-135

Waste Drain Hose - Removal/Installation

Figure 401



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TASK 38-32-02-400-802-A
EFFECTIVITY: ACFT MODEL(S) EMB-135
3. AFT WASTE-DRAIN HOSE - INSTALLATION
A. General

(1) This task gives the procedure to install the waste drain hose.

B. References

| REFERENCE | DESIGNATION |
|---------------------------------|---|
| AMM MPP 06-41-02/100 | - |
| AMM TASK 25-40-01-400-801-A/400 | - |
| AMM TASK 25-40-04-400-801-A/400 | TOILET SHROUD ASSEMBLY - INSTALLATION |
| AMM TASK 25-51-04-400-801-A/400 | BAGGAGE-COMPARTMENT FLOOR LINING - INSTALLATION |
| AMM TASK 28-41-00-200-801-A/600 | - |
| AMM TASK 38-10-07-400-802-A/400 | - |
| AMM TASK 38-32-01-400-801-A/400 | TOILET UNIT - INSTALLATION |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|---------------------------|
| 272 | 272AF | Baggage compartment floor |

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

| SPECIFICATION (BRAND) | DESCRIPTION | QTY |
|--------------------------|---------------|-----|
| MS3367-6-9 | Tiedown strap | 2 |

G. Expandable Parts

Not Applicable

H. Persons Recommended

| QTY | FUNCTION | PLACE |
|-----|---------------------|-------------------------------------|
| 1 | Does the task | Lavatory |
| 1 | Helps with the task | Under the baggage compartment floor |

I. Installation (Figure 401)

SUBTASK 420-009-A

- (1) Put the waste drain hose (5) together with the clamp (2) in position in the toilet manifold assembly (1).
- (2) Tighten the clamp (2) that attaches the waste drain hose (5) to the toilet manifold assembly (1).
- (3) Install the toilet manifold assembly (1) together with the waste drain hose (5).
- (4) Get access through the baggage compartment floor and put the other end of the waste drain hose (5) together with the clamp (4) in position in the waste drain valve (3).
- (5) Tighten the clamp (4) that attaches the waste drain hose (5) to the waste drain valve (3).
- (6) Install new tiedown straps (6).

J. Follow-on

SUBTASK 842-009-A

- (1) 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 the Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.
- (2) Install baggage-compartment floor panel 272AF (AMM MPP 06-41-02/100).
- (3) Install the baggage-compartment floor lining ([AMM TASK 25-51-04-400-801-A/400](#)).
- (4) Install the drip pan assembly (AMM TASK 25-40-01-400-801-A/400).
- (5) Install the mid section of the water-tank fill and overflow lines (AMM TASK 38-10-07-400-802-A/400).
- (6) Install the toilet unit ([AMM TASK 38-32-01-400-801-A/400](#)).
- (7) Install the toilet shroud assembly ([AMM TASK 25-40-04-400-801-A/400](#)).