

WATER PUMP - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH WATER PUMP

1. General

- A. This section gives the procedures to remove and install the water pump.
- B. The water pump is installed in the lavatory and pressurizes the water from the water tank to the washbasin faucet.
- C. 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 |
|--------------------|---------------------------|--------------------------|
| 38-10-09-000-801-A | WATER PUMP - REMOVAL | AIRCRAFT WITH WATER PUMP |
| 38-10-09-400-801-A | WATER PUMP - INSTALLATION | AIRCRAFT WITH WATER PUMP |

TASK 38-10-09-000-801-A

EFFECTIVITY: AIRCRAFT WITH WATER PUMP

2. WATER PUMP - REMOVAL

A. General

(1) This task gives the procedure for the removal of the water pump.

B. References

| REFERENCE | DESIGNATION |
|---|-----------------------|
| AMM TASK 12-15-01-600-802-A/300 | WATER TANK - DRAINING |

C. Zones and Accesses

Not Applicable

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 | Lavatory |

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the LAV PUMP circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Drain the water tank ([AMM TASK 12-15-01-600-802-A/300](#)).
- (3) Open the fire ext/toilet paper door assy ([Figure 401](#), DET. A).

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

SUBTASK 020-002-A

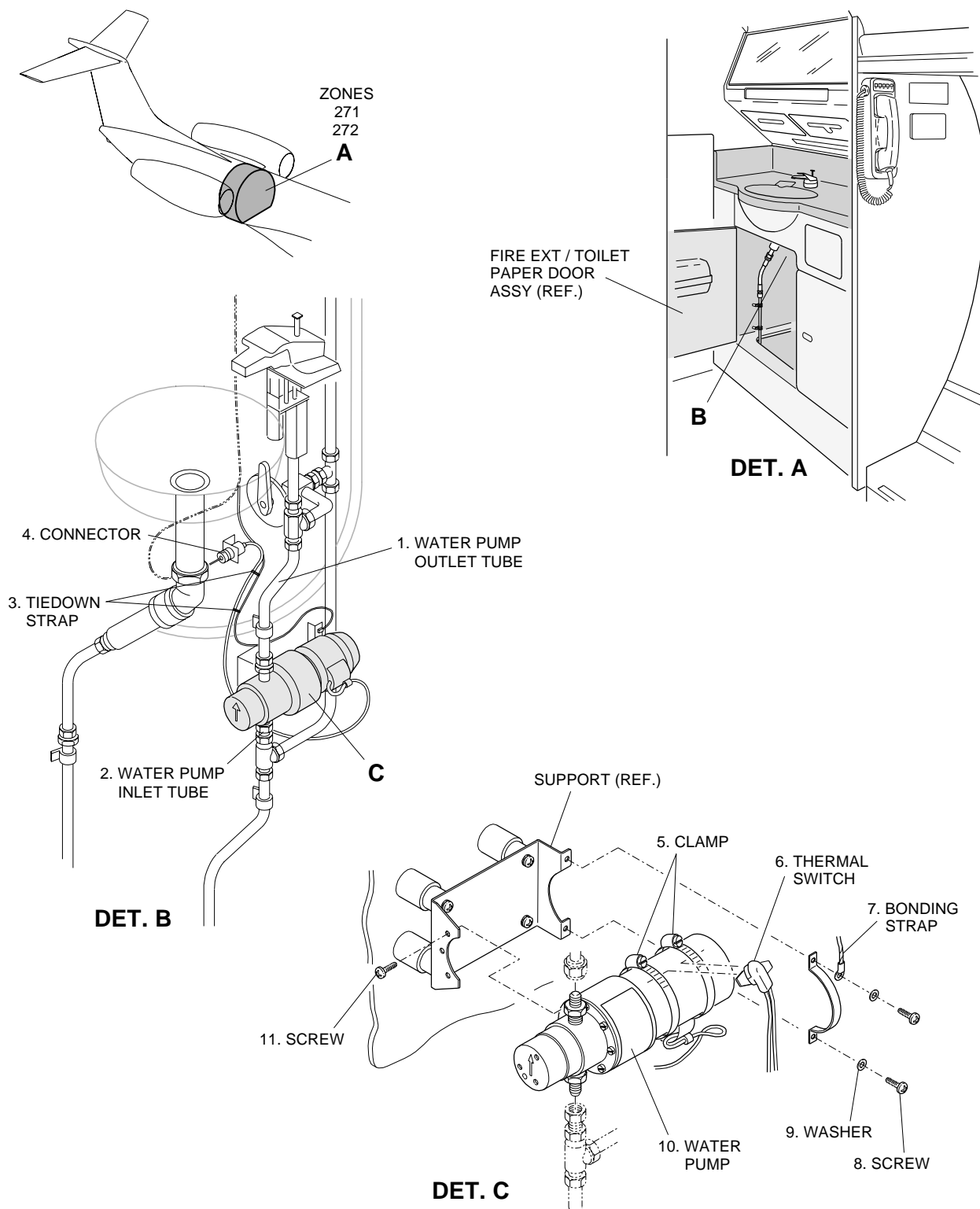
- (1) Disconnect the electrical connector (4).
- (2) Cut the tiedown straps (3).
- (3) Loosen the clamps (5) and remove the thermal switch (6).
- (4) Remove the screws (11).

- (5) Remove the screws (8), washers (9) and release the bonding strap (7).
- (6) Disconnect the outlet (1) and the inlet (2) tubes from the water pump (10).
- (7) Remove the water pump (10).
- (8) Remove the clamps (5) from the water pump (10).

EFFECTIVITY: AIRCRAFT WITH WATER PUMP

Water Pump - Removal/Installation

Figure 401



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TASK 38-10-09-400-801-A

EFFECTIVITY: AIRCRAFT WITH WATER PUMP

3. WATER PUMP - INSTALLATION

A. General

(1) This task gives the procedure for the installation of the water pump.

B. References

| REFERENCE | DESIGNATION |
|---|----------------------|
| AMM TASK 12-15-01-600-801-A/300 | WATER TANK - FILLING |

C. Zones and Accesses

Not Applicable

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 | Lavatory |

I. Installation (Figure 401)

SUBTASK 420-002-A

(1) Put the clamps (5) on a serviceable water pump (10).

(2) Put the water pump (10) on the support.

NOTE: Make sure that the arrow on the water pump points up.

(3) Connect the outlet (1) and the inlet (2) tubes to the water pump (10).

(4) Install the bonding strap (7), the washers (9) and the screws (8).

(5) Install the screws (11).

(6) Put the thermal switch (6) on the installation position and tighten the clamps (5).

(7) Install the tiedown straps (3).

(8) Connect the electrical connector (4).

J. Follow-on

SUBTASK 842-002-A

- (1) Fill the water tank ([AMM TASK 12-15-01-600-801-A/300](#)).
- (2) On the circuit breaker panel, remove the DO-NOT-CLOSE tag from the LAV PUMP circuit breaker and close it.
- (3) Open the faucet and make sure that the pump operates correctly.
- (4) Do a check for leaks.
- (5) Close the fire ext/toilet paper door assy (Figure 401), DET. A).