
PITOT-STATIC SYSTEM - SERVICING*EFFECTIVITY: ALL*1. General

- A. This section gives the procedures to drain the pitot lines.
- 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).

| <i>TASK NUMBER</i> | <i>DESCRIPTION</i> | <i>EFFECTIVITY</i> |
|----------------------|-----------------------------|--------------------|
| 34-13-00-680-801-A ◆ | PITOT-STATIC SYSTEM - DRAIN | ALL |

TASK 34-13-00-680-801-A

EFFECTIVITY: ALL

2. PITOT-STATIC SYSTEM - DRAIN

A. General

- (1) The pitot lines have two drain points: in the nose-landing-gear compartment (PRE-MOD [S.B. 145-34-0070](#)) or in the electronic compartment (POST-MOD S.B. 145-34-0070).

B. References

| REFERENCE | DESIGNATION |
|---|--------------------------------------|
| AMM MPP 06-41-01/100 | - |
| AMM TASK 34-13-00-790-802-A/500 | PITOT-STATIC SYSTEM 1 - LEAKAGE TEST |
| AMM TASK 34-13-00-790-803-A/500 | PITOT-STATIC SYSTEM 2 - LEAKAGE TEST |
| S.B.145-34-0021 | - |
| S.B.145-34-0070 | - |

C. Zones and Accesses

| ZONE | PANEL/DOOR | LOCATION |
|------|------------|--|
| 113 | | LH Nose-landing-gear compartment |
| 114 | | RH Nose-landing-gear compartment |
| 213 | 113CZ | Electronic compartment - LH upper side |
| 214 | 113CZ | Electronic compartment - RH upper side |

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 | Nose-landing-gear compartment or Electronic compartment |

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the nose-landing-gear safety pin is installed.

- (2) (POST-MOD [S.B.145-34-0070](#)) Open access door 113CZ (AMM MPP 06-41-01/100).

J. Drain Pitot Lines ([Figure 301](#)) ([Figure 302](#)) ([Figure 303](#))

SUBTASK 680-002-A

- (1) NOTE: Do this test only with the ambient temperature above zero degrees Celsius.
- (2) (PRE-MOD [S.B.145-34-0021](#) and PRE-MOD S.B. 145-34-0070) Drain the pitot lines as follows:
 - (a) Loosen the nuts of the left and right drains.
 - (b) Drain the pitot lines.
 - (c) Attach the nuts.
- (3) (POST-MOD [S.B.145-34-0021](#) and PRE-MOD S.B. 145-34-0070) Drain the pitot lines as follows:
 - (a) Push and turn the quick-disconnect drain-port cover counterclockwise.
 - (b) Install and push the drain-port cover pin into the drain port until there is no water in the clear PVC hose.
 - (c) Install the quick-disconnect drain-port cover.
- (4) (POST-MOD [S.B.145-34-0070](#)) Drain the pitot lines as follows:
 - (a) Loose the two Dzus fasteners.
 - (b) Put the drain outside the electronic compartment.
 - (c) Push and turn the quick-disconnect drain-port cover counterclockwise.
 - (d) Install and push the drain-port cover pin into the drain port until there is no water in the clear PVC hose.
 - (e) Install the quick-disconnect drain-port cover.
 - (f) Put the drain in position.

CAUTION: IT IS IMPORTANT THAT THE TWO DZUS FASTENERS ARE TIGHTENED TO PREVENT DAMAGE TO THE SYSTEM.

- (g) Tighten the two Dzus fasteners.

K. Follow-on

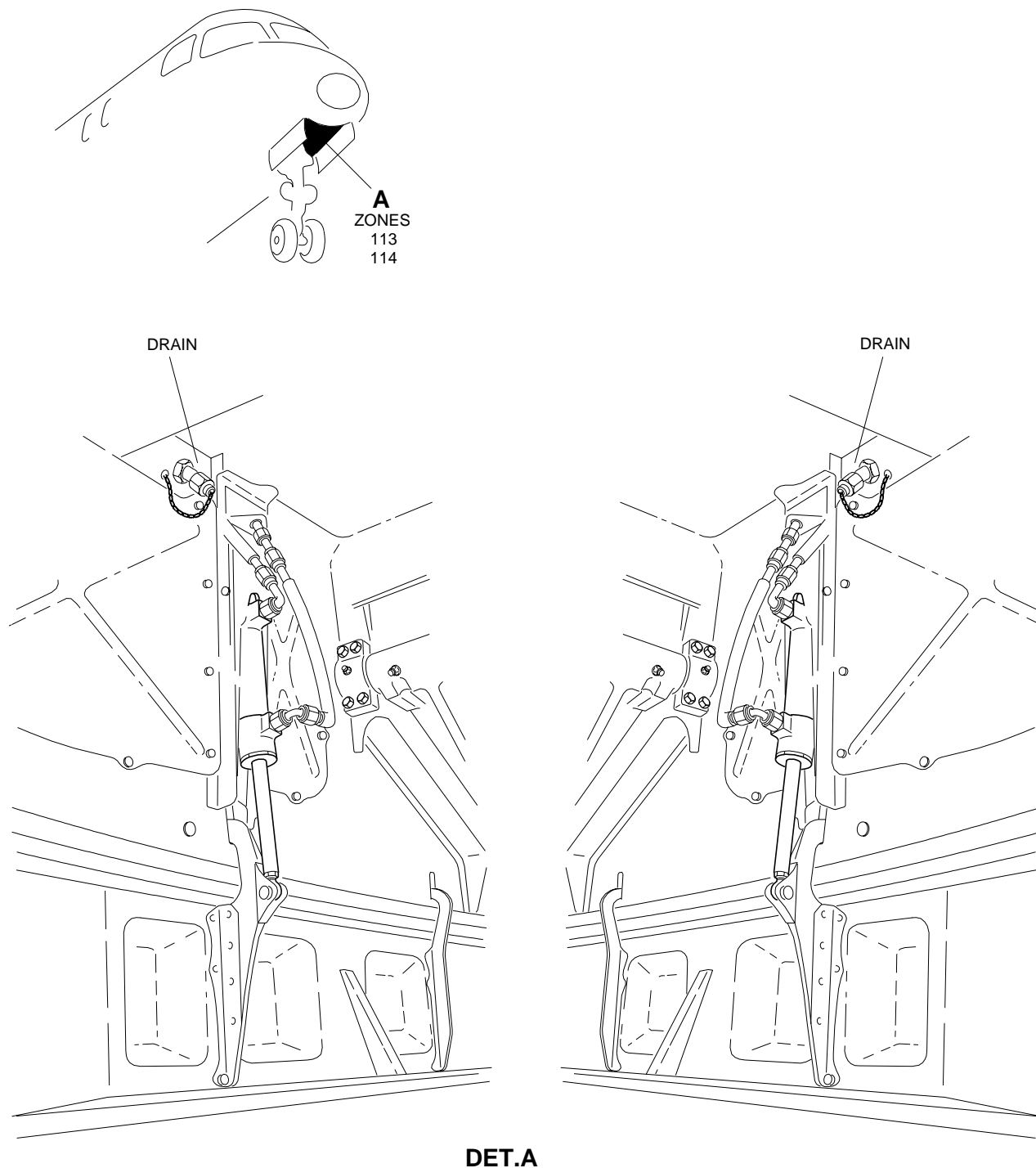
SUBTASK 842-002-A

- (1) (PRE-MOD [S.B.145-34-0021](#)) Do the Pitot/static System 1 leakage test ([AMM TASK 34-13-00-790-802-A/500](#)) for the system 1 drain or the Pitot/static System 2 leakage test ([AMM TASK 34-13-00-790-803-A/500](#)) for the system 2 drain.
- (2) (POST-MOD [S.B.145-34-0070](#)) Close access door 113CZ (AMM MPP 06-41-01/100).

EFFECTIVITY: PRE-MOD S.B. 145-34-0021

Draining of the Pitot Lines

Figure 301

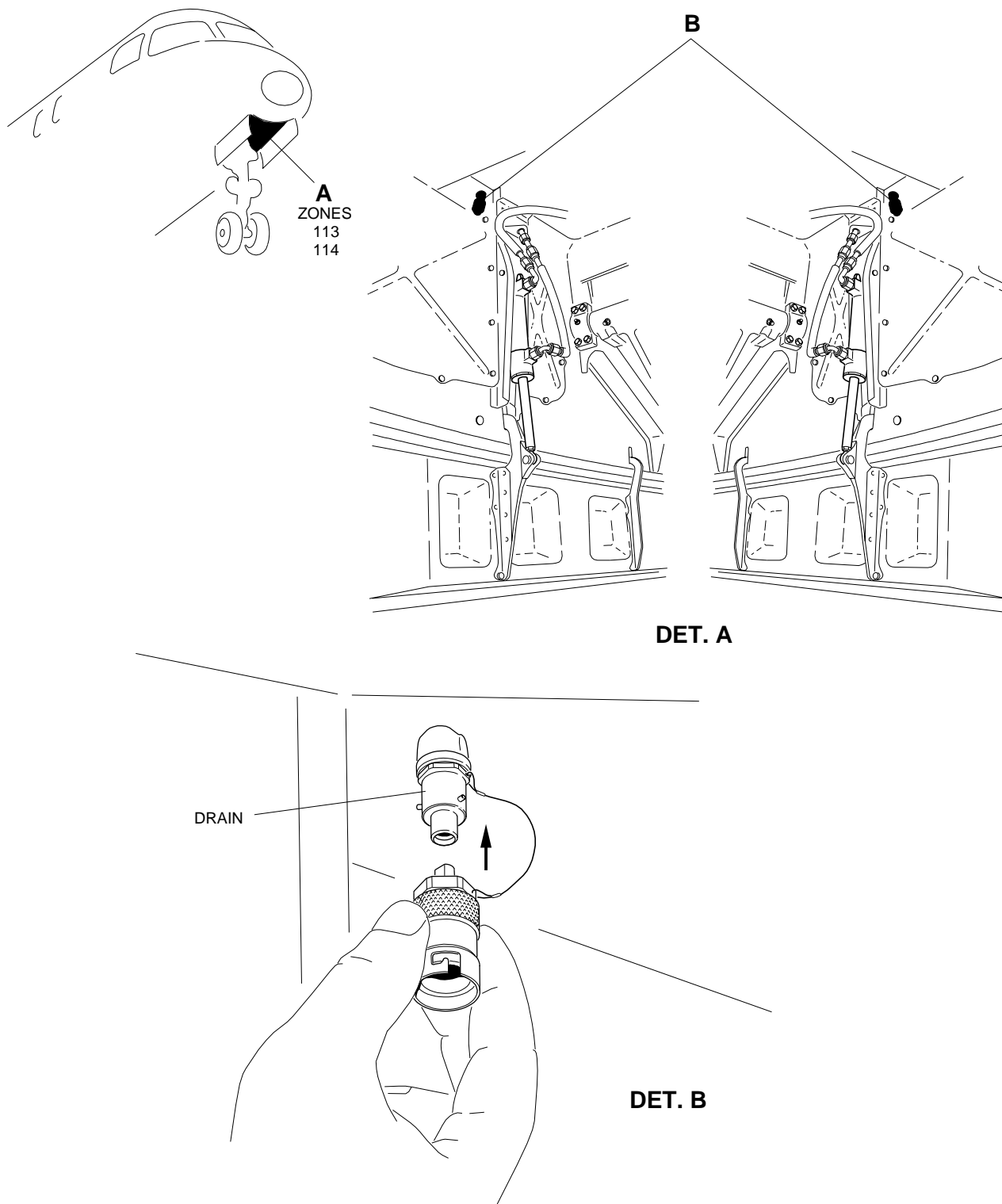


145AMM340016.MCE B

EFFECTIVITY: POST-MOD S.B. 145-34-0021 AND PRE-MOD S.B. 145-34-0070

Draining of the Pitot Lines

Figure 302

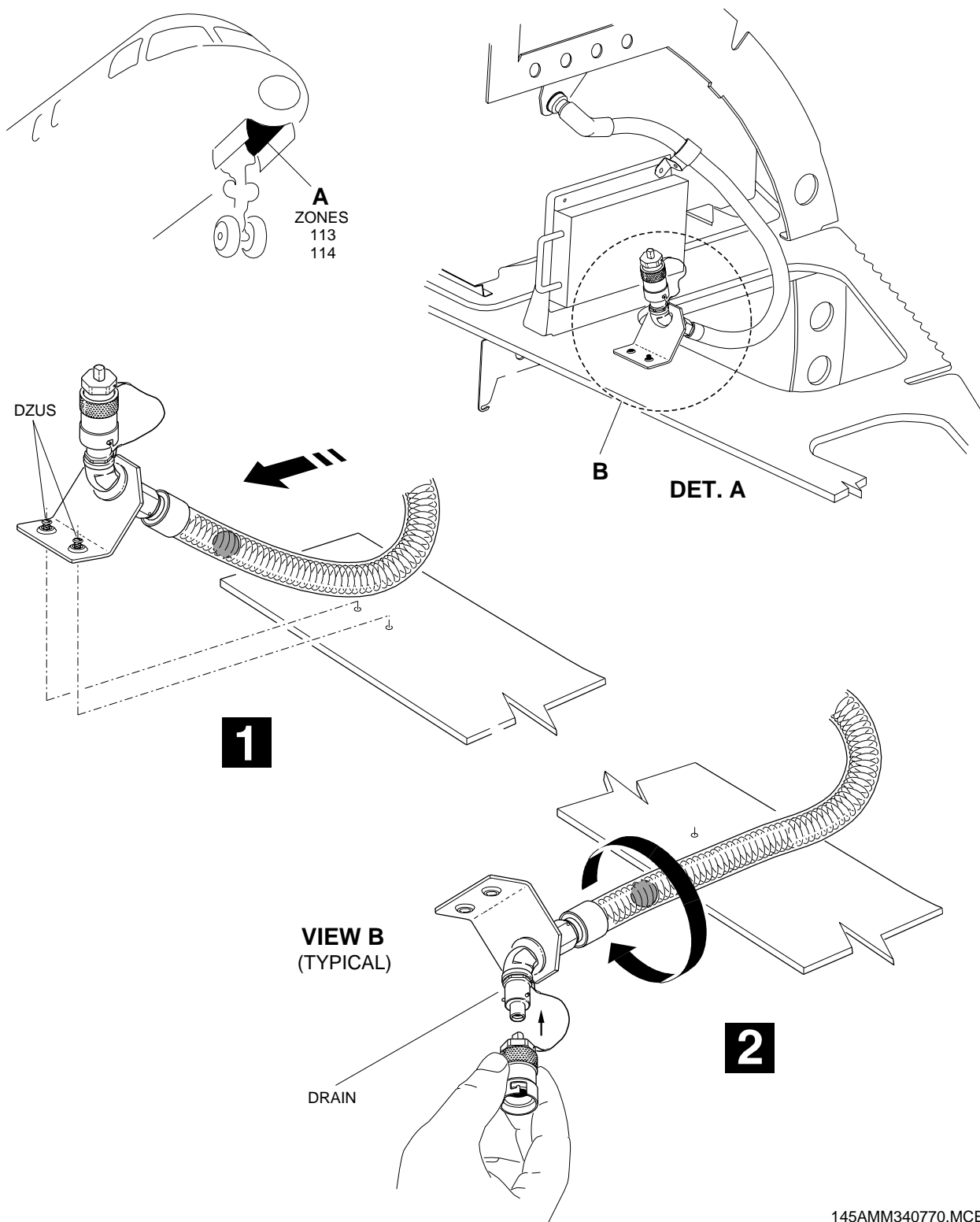


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EFFECTIVITY: POST-MOD S.B. 145-34-0070

Draining of the Pitot Lines

Figure 303



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