



AIRCRAFT MAINTENANCE MANUAL

STATIC PORT LINES - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the static port lines.
- B. The static port lines are installed in the rear electronic compartment.
- 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
21-31-13-000-801-A	STATIC PORT LINES - REMOVAL	ALL
21-31-13-400-801-A	STATIC PORT LINES - INSTALLATION	ALL



EMB145 - EMB135

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MAINTENANCE MANUAL

TASK 21-31-13-000-801-A

EFFECTIVITY: ALL

2. STATIC PORT LINES - REMOVAL

A. General

- (1) This task gives the instructions to remove the static port lines.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272CF	Rear electronic compartment floor
272	272DR	Rear fuselage I, RH

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the rear electronic compartment	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

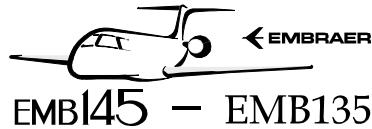
QTY	FUNCTION	PLACE
1	Does the task	Rear electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) On the overhead circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:

- STATIC PORT 1 (Location tip: DC BUS 1 / ICE AND RAIN PROTECTION / STATIC PORT 1).
- STATIC PORT 2 (Location tip: DC BUS 2 / ICE AND RAIN PROTECTION / STATIC PORT 2).



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

- (2) Put the ladder in front of rear electronic compartment access door 272DR (AMM MPP 06-41-01/100).
- (3) Open access door 272DR (AMM MPP 06-41-01/100).
- (4) Remove floor access panel 272 CF (AMM MPP 06-41-02/100).

J. Removal (Figure 401)

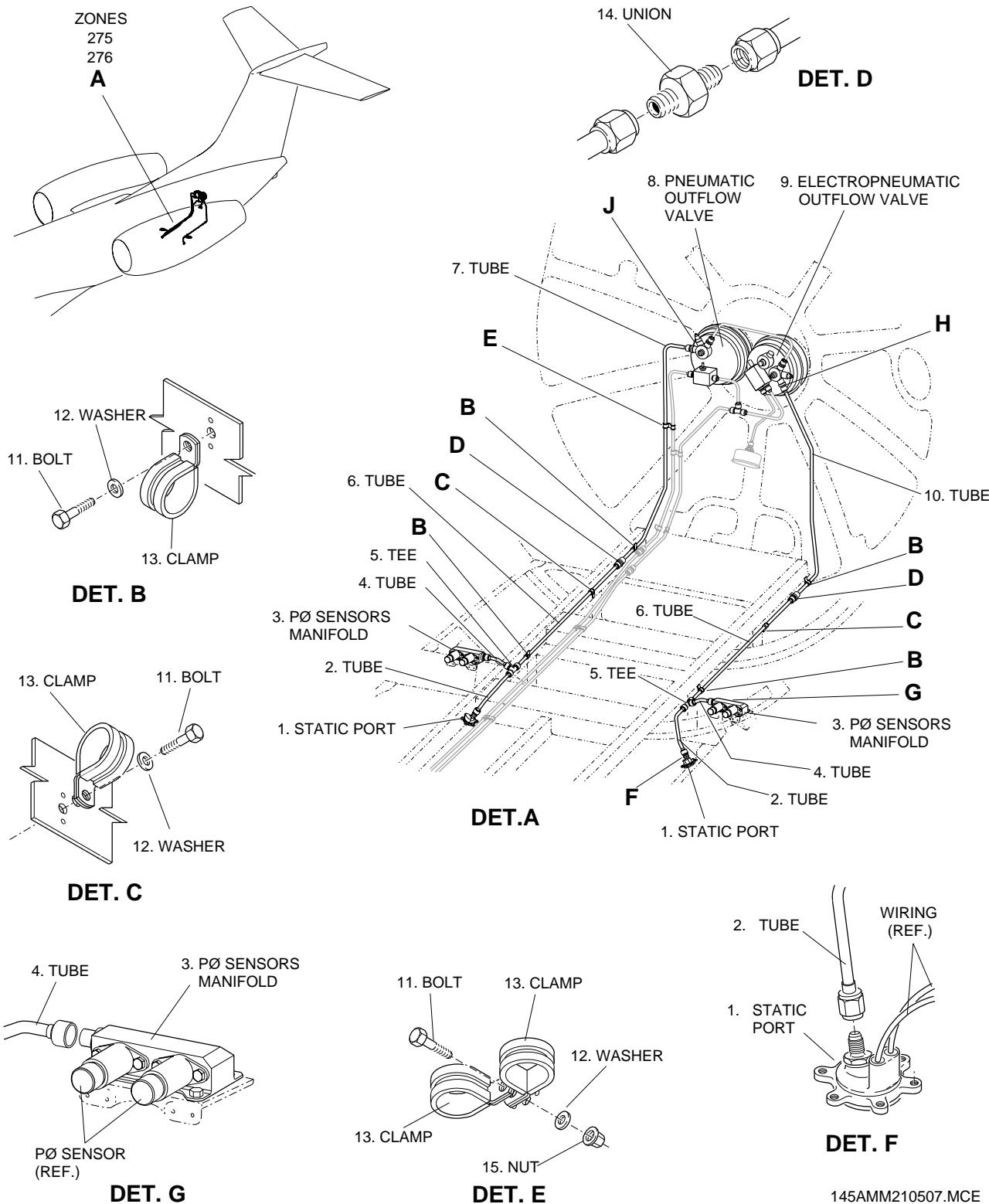
SUBTASK 020-002-A

- (1) Disconnect the tubes (2) from the static ports (1) (DET. F) and from the tees (5). Remove the tubes (2) and put plastic caps in the static port (1) fittings.
- (2) Disconnect the tees (5) from the tubes (4) and (6).
- (3) Disconnect the tubes (4) from the P0 sensor manifolds (3) (DET. G). Put plastic caps in the P0 sensor manifold (3) fittings.
- (4) Disconnect the tubes (6) from the unions (14) (DET. D).
- (5) Remove the bolts (11), washers (12), and clamps (13) (DET. B and DET. C) and remove the tubes (6).
- (6) Disconnect the unions (14) from the tubes (7) and (10).
- (7) Disconnect the tube (7) from the pneumatic outflow valve (8) (DET. J).
- (8) Disconnect the bonding jumper (16) from the tube (7) (DET. J).
- (9) Remove the bolts (11), washers (12), clamps (13), and nut (15) (DET. B and DET. E) and remove the tube (7).
- (10) Put a plastic cap in the pneumatic outflow valve (8) fitting.
- (11) Disconnect the tube (10) from the electropneumatic outflow valve (9) (DET. H).
- (12) Disconnect the bonding jumper (17) from the tube (10) (DET. H).
- (13) Remove the bolt (11), washer (12), and clamp (13) (DET. B) and remove the tube (10).
- (14) Put a plastic cap in the electropneumatic outflow valve (9) fitting.

EFFECTIVITY: ALL

Static Port Lines - Removal/Installation

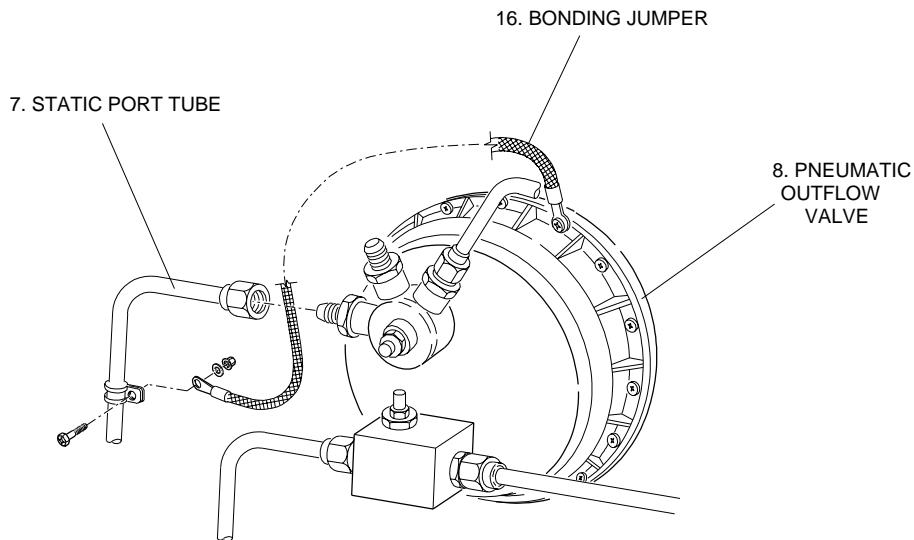
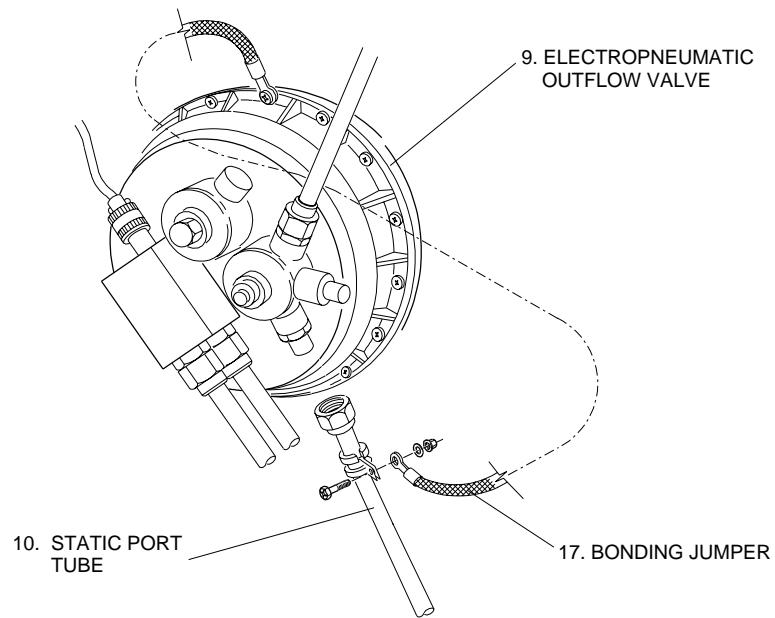
Figure 401 - Sheet 1



EFFECTIVITY: ALL

Static Port Lines - Removal/Installation

Figure 401 - Sheet 2


DET. J

DET. H

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EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 21-31-13-400-801-A

EFFECTIVITY: ALL

3. STATIC PORT LINES - INSTALLATION

A. General

- (1) This task gives the instructions to install the static port lines.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 21-31-00-700-807-A/500	-
AMM TASK 21-31-00-700-809-A/500	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272CF	Rear electronic compartment floor
272	272DR	Rear fuselage I, RH

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the rear electronic compartment	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Rear electronic compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Remove the plastic cap from the electropneumatic outflow valve (9) fitting.
- (2) Put the tube (10) in the installation position and connect it to the electropneumatic outflow valve (9) (DET. H).

- (3) Install the bolt (11), washer (12), and clamp (13) (DET. B).
- (4) Connect the bonding jumper (17) to the tube (10) (DET. H).
- (5) Remove the plastic cap from the pneumatic outflow valve (8) fitting.
- (6) Put the tube (7) in the installation position and connect it to the pneumatic outflow valve (8) (DET. J).
- (7) Install the bolts (11), washers (12), clamps (13), and nut (15) (DET. B and DET. E).
- (8) Connect the bonding jumper (16) to the tube (7) (DET. J).
- (9) Connect the unions (14) to the tubes (7) and (10).
- (10) Put the tubes (6) in the installation position and connect them to the unions (14) (DET. D).
- (11) Install the bolts (11), washers (12), and clamps (13) (DET. B and DET. C).
- (12) Remove the plastic caps from the P0 sensor manifold (3) fittings. Connect the tubes (4) to the P0 sensor manifolds (3) (DET. G).
- (13) Connect the tees (5) to the tubes (4) and (6).
- (14) Remove the plastic caps from the static port (1) fittings and put the tubes (2) in the installation position. Connect the tubes (2) to the static ports (1) (DET. F) and to the tees (5).

J. Follow-on

SUBTASK 842-002-A

- (1) Install floor access panel 272 CF (AMM MPP 06-41-02/100).
- (2) Close access door 272DR (AMM MPP 06-41-01/100).
- (3) Remove the ladder from the work area.
- (4) On the overhead circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tags from them:
 - STATIC PORT 1 (Location tip: DC BUS 1 / ICE AND RAIN PROTECTION / STATIC PORT 1).
 - STATIC PORT 2 (Location tip: DC BUS 2 / ICE AND RAIN PROTECTION / STATIC PORT 2).
- (5) Do the Functional Test of the Overpressurization Relief Devices (AMM TASK 21-31-00-700-807-A/500) or the Functional Test of Overpressurization Relief Devices with Pitot/Static System Test Set (AMM TASK 21-31-00-700-809-A/500).

