BAGGAGE COMPARTMENT LINING - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

   A. This section gives the procedures to do an inspection on the baggage compartment lining and on the systems located behind the baggage compartment damaged linings.

   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*
25-51-01-200-801-A	BAGGAGE COMPARTMENT LINING - VISUAL INSPECTION	ALL

TASK 25-51-01-200-801-A
EFFECTIVITY: ALL

2. BAGGAGE COMPARTMENT LINING - VISUAL INSPECTION

A. General

(1) This task gives the procedures to do an inspection of the baggage compartment lining and on the systems located behind the baggage compartment damaged linings as follows:

(a) Inspection of baggage-compartment fire extinguishing system;

(b) Inspection of engine-fire extinguishing system;

(c) Inspection of engine fuel-feed line system;

(d) Inspection of hydraulic system;

(e) Inspection of flight control system;

(f) Inspection of bleed air system;

(g) Harness assembly.

B. References

REFERENCE	*DESIGNATION*
AMM MPP 06-41-05/100	- COMPONENT LOCATION
AMM MPP 06-45-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM SDS 52-30-00/1	
AMM TASK 20-10-03-300-801-A/800	TUBING - REPAIR
AMM TASK 25-51-01-000-801-A/400	BAGGAGE COMPARTMENT LINING - REMOVAL
AMM TASK 25-51-01-300-801-A/800	BAGGAGE COMPARTMENT LINING - PATCH REPAIR
AMM TASK 25-51-01-300-802-A/800	BAGGAGE COMPARTMENT LINING - OLD LINER REPAIR
AMM TASK 25-51-01-300-803-A/800	BAGGAGE COMPARTMENT LINING - WET LAY-UP REPAIR
AMM TASK 25-51-01-300-804-A/800	BAGGAGE COMPARTMENT LINING - WET LAY-UP WITH DOUBLER PLATES AND REPAIR-TAPE REPAIR
AMM TASK 25-51-01-300-805-A/800	BAGGAGE COMPARTMENT LINING - REINFORCEMENT
AMM TASK 25-51-01-400-801-A/400	BAGGAGE COMPARTMENT LINING - INSTALLATION
AMM TASK 26-15-01-000-801-A/400	-
AMM TASK 26-15-01-000-802-A/400	-
AMM TASK 26-15-01-400-801-A/400	-
AMM TASK 26-15-01-400-802-A/400	-
AMM TASK 26-21-06-000-801-A/400	ENGINE FIRE-EXTINGUISHING TUBING - REMOVAL

(Continued)

REFERENCE	*DESIGNATION*
AMM TASK 26-21-06-400-801-A/400	ENGINE FIRE-EXTINGUISHING TUBING - INSTALLATION
AMM TASK 26-23-05-000-801-A/400	DISCHARGE PIPING - REMOVAL
AMM TASK 26-23-05-400-801-A/400	DISCHARGE PIPING - INSTALLATION
AMM TASK 27-21-01-700-801-A/500	-
AMM TASK 27-31-01-700-801-A/500	TENSION OF THE ELEVATOR CONTROL CABLES - FUNCTIONAL CHECK
AMM TASK 27-31-01-700-802-A/500	TENSION OF THE ELEVATOR AUTOPILOT-SERVO CABLES
AMM TASK 28-21-10-000-801-A/400	-
AMM TASK 28-21-10-300-801-A/200	-
AMM TASK 28-21-10-700-801-A/500	-
AMM TASK 28-45-00-700-801-A/500	FUEL LOW-PRESSURE WARNING SYSTEM - OPERATIONAL CHECK
AMM TASK 33-31-01-000-801-A/400	BAGGAGE LIGHT LAMP - REMOVAL
AMM TASK 33-31-01-000-802-A/400	BAGGAGE LIGHT ASSEMBLY - REMOVAL
AMM TASK 33-31-01-400-801-A/400	BAGGAGE LIGHT LAMP - INSTALLATION
AMM TASK 33-31-01-400-802-A/400	BAGGAGE LIGHT ASSEMBLY - INSTALLATION
AMM TASK 36-11-09-000-801-A/400	FUSELAGE DUCT LINES - TYPICAL REMOVAL
AMM TASK 36-11-09-300-801-A/200	THERMAL INSULATION OF THE DUCT LINES OF AIR BLEED SYSTEM - REPAIR
AMM TASK 36-20-02-000-801-A/400	-
WM 20-21-00/2	-

C. Zones and Accesses

ZONE	*PANEL/DOOR*	*LOCATION*
271	271ALW	Baggage Compartment
271	271BLW	Baggage Compartment
272	272ARW	Baggage Compartment
272	272BRW	Baggage Compartment
272	272CRW	Baggage Compartment
272	272FRW	Baggage Compartment
272	272GRW	Baggage Compartment
273	273ATC	Baggage Compartment
273	273BTC	Baggage Compartment
273	273CTC	Baggage Compartment
813	-	Baggage Compartment

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	A - Does the task	Baggage compartment
1	B - Helps technician A	Baggage compartment

I. Preparation

SUBTASK 841-002-A

(1) Make sure that the aircraft is deenergized.

(2) Make sure that the hydraulic system is not pressurized.

(3) Open the baggage compartment door 813 (AMM MPP 06-45-00/100 and AMM SDS 52-30-00/1).

J. Baggage Compartment Lining - Visual Inspection (Figure 601)

SUBTASK 212-002-A

(1) On the circuit breaker panel, open the BAGGAGE SMOKE DET circuit breaker and attach a DO-NOT-CLOSE tag to it.

(2) On the circuit breaker panel, open the COMPT circuit breaker and attach a DO-NOT-CLOSE tag to it.

(3) On the RH electrical-power control/distribution box, open the COMPT circuit breaker and attach a DO-NOT-CLOSE tag to it.

(4) Examine the smoke detector sensor and its protection bar for loose fittings, bending, cracks and/or nicks. If necessary, replace them (AMM TASK 26-15-01-000-801-A/400 and AMM TASK 26-15-01-400-801-A/400) or (AMM TASK 26-15-01-000-802-A/400 and AMM TASK 26-15-01-400-802-A/400), as applicable.

(5) Examine the holes of the baggage fire extinguishing nozzles for obstruction that can cause blockage of the discharge piping. If necessary, replace them (AMM TASK 26-23-05-000-801-A/400 and AMM TASK 26-23-05-400-801-A/400).

(6) Examine the baggage light assembly and its protection bar for loose fittings, bending, cracks and/or nicks. If necessary, replace them (AMM TASK 33-31-01-000-801-A/400 and AMM TASK 33-31-01-400-801-A/400) and/or (AMM TASK 33-31-01-000-802-A/400 and AMM TASK 33-31-01-400-802-A/400), as applicable.

(7) On the circuit breaker panel, close the BAGGAGE SMOKE DET circuit breaker and remove the DO-NOT-CLOSE tag from it.

(8) On the circuit breaker panel, close the COMPT circuit breaker and remove the DO-NOT-CLOSE tag from it.

(9) On the RH electrical-power control/distribution box, close the COMPT circuit breaker and remove the DO-NOT-CLOSE tag from it.

(10) Visually, examine the baggage compartment linings for cracks, punctures, tears or holes. Include in the inspection the area around the baggage fire extinguishing nozzles. Also, look for attachment part incorrect condition.

NOTE: If, no damage or only scratches and dents are found, it is not necessary to do the inspection of the systems located behind the baggage compartment linings.

WARNING: IF CRACKS, PUNCTURES, TEARS, HOLES OR FITTING FAILURES ARE FOUND ON THE BAGGAGE COMPARTMENT LINING, YOU MUST REMOVE IT, TO DO THE INSPECTION OF THE SYSTEMS.

(11) Remove the baggage compartment damaged lining (AMM TASK 25-51-01-000-801-A/400).

(12) Repair the baggage compartment damaged linings (AMM TASK 25-51-01-300-801-A/800 and/or AMM TASK 25-51-01-300-802-A/800 and/or AMM TASK 25-51-01-300-803-A/800) and/or AMM TASK 25-51-01-300-804-A/800 and/or AMM TASK 25-51-01-300-805-A/800), as applicable.

(13) Go to the next steps to do the inspections of the systems.

K. Baggage-Compartment Fire Extinguishing System - Visual Inspection (Figure 602)

SUBTASK 212-003-A

(1) If damage is found on the baggage lining panels 273ATC and/or 273BTC and/or 273CTC, do an inspection on the baggage-compartment fire extinguishing system, as follows:

(a) On the circuit breaker panel, open the BAGGAGE FIRE EXTG circuit breaker and attach a DO-NOT-CLOSE tag to it.

(b) Examine the discharge piping of the baggage-compartment fire-extinguishing system for cracks, erosion, nicks, crush, bending and/or loose fittings. If necessary, replace it (AMM TASK 26-23-05-000-801-A/400 and AMM TASK 26-23-05-400-801-A/400).

(c) On the circuit breaker panel, close the BAGGAGE FIRE EXTG circuit breaker and remove the DO-NOT-CLOSE tag from it.

L. Engine Fire-Extinguishing System - Visual Inspection (Figure 603)

SUBTASK 212-004-A

(1) If damage is found on the baggage-compartment lining panels 271BLW and/or 272CRW (AMM MPP 06-41-05/100), do an inspection on the engine fire extinguishing system, as follows:

(a) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them.

- START 1/2.
- POWERPLANT FIRE DET 1/2.
- FIRE EXTG BTL A 1/2.
- FIRE EXTG BTL B 1/2.

(b) Examine the discharge piping of the engine fire-extinguishing system for cracks, nicks, crush, erosion, bending and/or loose fittings. If necessary, replace it (AMM TASK 26-21-06-000-801-A/400 and AMM TASK 26-21-06-400-801-A/400.

(c) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:

- START 1/2.
- POWERPLANT FIRE DET 1/2.
- FIRE EXTG BTL A 1/2.
- FIRE EXTG BTL B 1/2.

M. Engine Fuel feed System - Visual Inspection (Figure 604)

SUBTASK 212-005-A

(1) If damage is found on the baggage-compartment lining panels 271ALW and/or 272ARW (AMM MPP 06-41-05/100), do an inspection on the engine fuel feed system, as follows:

(a) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:

- FUEL PUMPS 1A/1B/1C.
- FUEL PUMPS 2A/2B/2C.
- START 1/2.

WARNING: OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 28-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

(b) Examine the fuel feed line shrouds for cracks and bindings.

(c) If the fuel feed line shrouds is bending, do the fuel low pressure warning operational check (AMM TASK 28-45-00-700-801-A/500).

(d) If there is a longitudinal crack on the fuel feed line shroud, do as follows:

- Replace the fuel feed line shroud (AMM TASK 28-21-10-000-801-A/400).
- Do the fuel feed line shroud operational test (AMM TASK 28-21-10-700-801-A/500).

(e) If there is a radial crack on the fuel feed line shroud, do as follows:

- Do the procedures to seal the fuel feed line shroud (AMM TASK 28-21-10-300-801-A/200).
- Do the fuel feed line shroud operational test (AMM TASK 28-21-10-700-801-A/500).

(f) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:

- FUEL PUMPS 1A/1B/1C.
- FUEL PUMPS 2A/2B/2C.
- START 1/2.

N. Hydraulic System - Visual Inspection (Figure 605)

SUBTASK 212-006-A

(1) If damage is found on the baggage-compartment lining panels 271ALW and/or 271BLW and/or 272ARW and/or 272CRW and/or 272FRW and/or 272GRW and/or 273ATC and/or 273BTC and/or 273CTC (AMM MPP 06-41-05/100), do an inspection on the hydraulic system, as follows:

(a) Examine the zone for leakage signs, failure (e.g., dirty bending, disconnected, cracked or crushed duct) and any signs of leakage at the connection of the tubings.

(b) If damage the hydraulic tubing is found, do the repair procedures (AMM TASK 20-10-03-300-801-A/800).

O. Flight Control System - Visual Inspection (Figure 606)

SUBTASK 212-007-A

(1) If damage is found on the baggage-compartment lining panels 273ATC and/or 273BTC and/or 273CTC, (AMM MPP 06-41-05/100), do an inspection on the flight control system, as follows:

(a) Examine the interior of the zone behind the baggage-compartment damaged lining for broken strands and loose parts of the rudder and elevator cables.

(b) Wipe a dry cloth on the control cables near to the pulleys, to make sure that there are no broken strands on the cables.

(c) Make sure that the pulleys do not show signs of:

- Excessive cable tension.
- Misalignment.
- Cables out of alignment.

CAUTION: DO NOT OPERATE THE ELEVATOR SYSTEM WITH THE RIG PINS INSTALLED TO PREVENT DAMAGE TO THE RIGGING HOLES/PINS.

(d) Do ten (10) full elevator control cycles (fully forward - neutral - fully backward - neutral).

NOTE: Make sure that the elevator system operates correctly.

(e) If discrepancy occurs, do an adjustment/test on the elevator control cables (AMM TASK 27-31-01-700-801-A/500 and AMM TASK 27-31-01-700-802-A/500).

CAUTION: DO NOT OPERATE THE RUDDER SYSTEM WITH THE RIG PINS INSTALLED TO PREVENT DAMAGE TO THE RIGGING HOLE/PINS.

(f) Do ten (10) full rudder control cycles (fully left - neutral - fully right - neutral).

NOTE:
- You can operate the rudder system in two modes: mechanical reversion or hydraulic power. Use the mode which is easier for you.
- Make sure that the elevator system operates correctly.

(g) If discrepancy occurs, do an adjustment/test of the rudder control cables (AMM TASK 27-21-01-700-801-A/500 and AMM TASK 27-21-01-700-801-A/500).

P. Bleed Air System - Visual Inspection (Figure 607)

SUBTASK 212-008-A

(1) If damage is found on the baggage-compartment lining panels 271ALW and/or 271BLW and/or 272ARW and/or 272BRW and/or 272CRW and/or 272FRW and/or 272GRW, (AMM MPP 06-41-05/100), do an inspection on the bleed air system, as follows:

(a) On the bleed duct lines, internally examine the zone for signs of cracked or crushed ducts and poor thermal insulation.

(b) If damage occurs to the bleed ducts lines, replace or repair them (AMM TASK 36-11-09-000-801-A/400 or AMM TASK 36-11-09-300-801-A/200), as applicable.

(c) Internally, examine the zone for signs of damage and leakage near the thermal switches.

(d) If damage to the thermal switches is found, replace them (AMM TASK 36-20-02-000-801-A/400).

Q. Harness Assembly - Visual Inspection

SUBTASK 212-009-A

(1) If damage is found on the baggage-compartment lining panels 271ALW and/or 271BLW and/or 272ARW and/or 272BRW and/or 272CRW and/or 272FRW and/or 272GRW and/or 273ATC and/or 273BTC and/or 273CTC, (AMM MPP 06-41-05/100), do an inspection on the harness assembly, as follows:

(a) Examine the harness assembly zone for signs of erosion, poor insulation, cuts, deformation, chafing. Also, examine such items as loose wires, connector backshell looseness, and shield termination, at the tag rings.

(b) If damage at the harness assembly is found, repair it (WM 20-21-00/2).

R. Follow-on

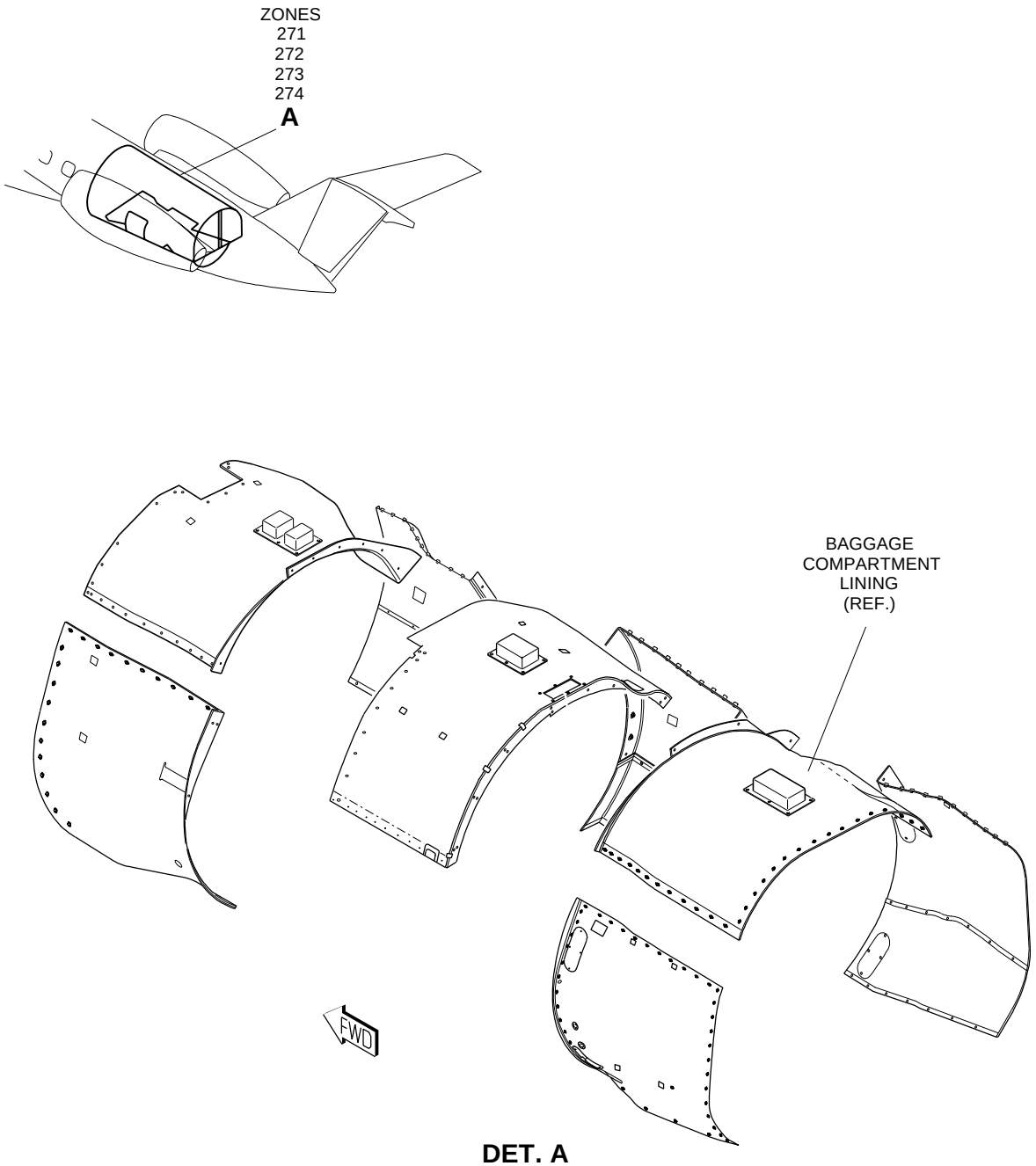
SUBTASK 842-002-A

(1) Install repaired baggage-compartment lining panels (AMM TASK 25-51-01-400-801-A/400).

(2) Close the baggage compartment door 813 (AMM MPP 06-45-00/100 and AMM SDS 52-30-00/1).

EFFECTIVITY: ALL

Inspection of Baggage Compartment Lining- Component Locations
Figure 601

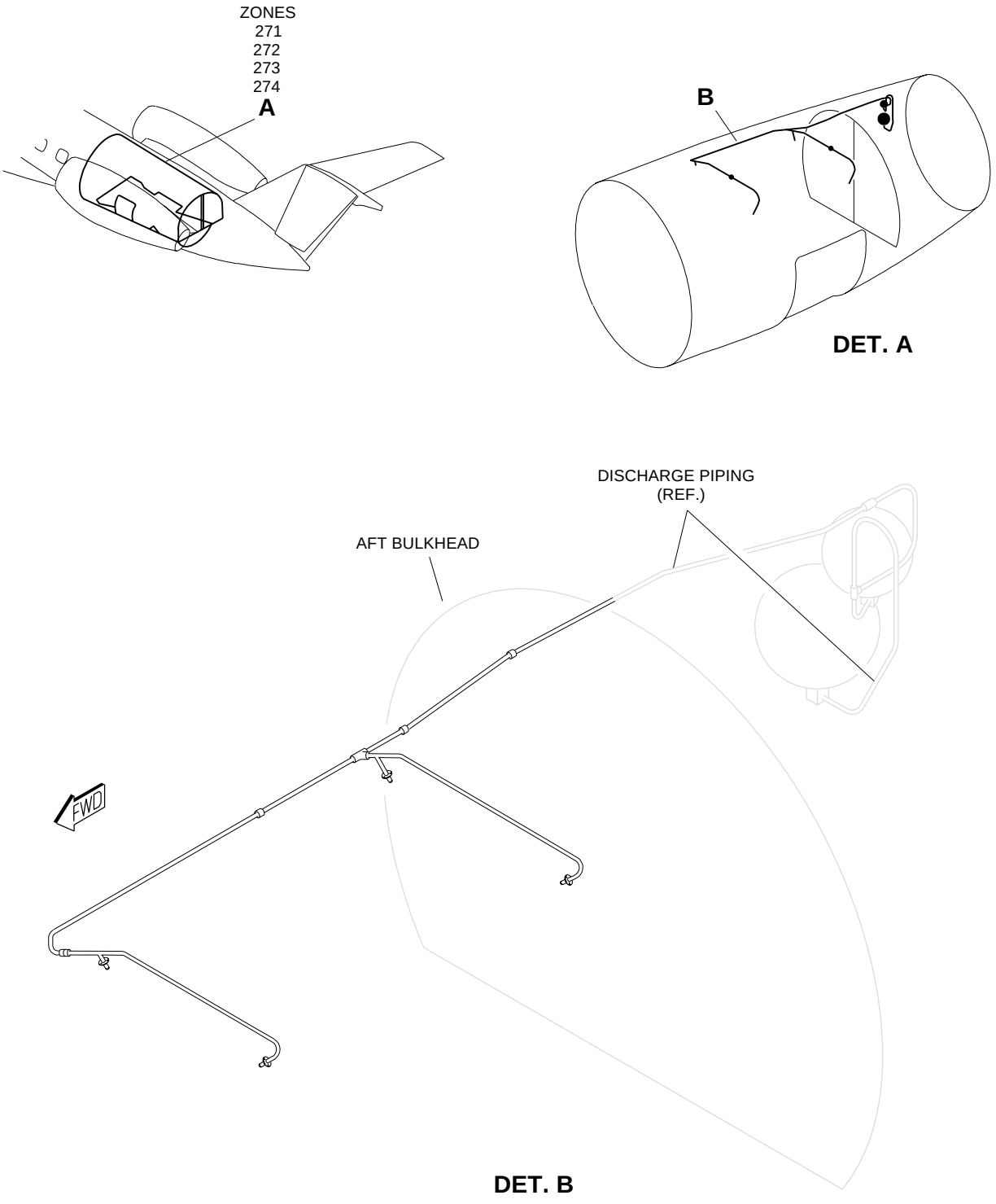


DET. A

145AMM251782.MCE

EFFECTIVITY: ALL

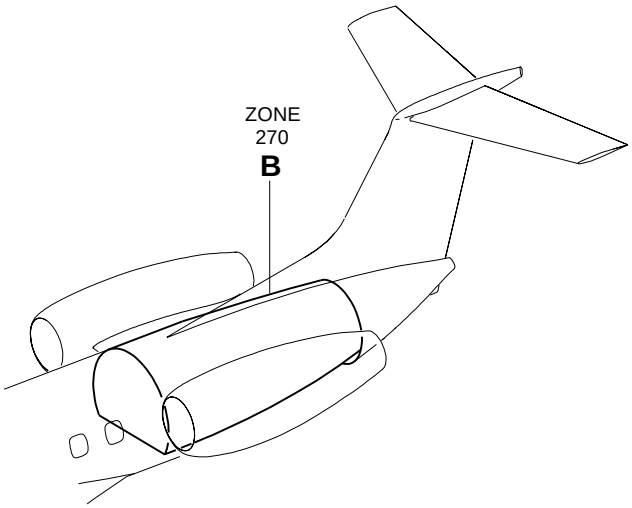
Inspection of Baggage-Compartment Fire Extinguishing System - Component Locations
Figure 602

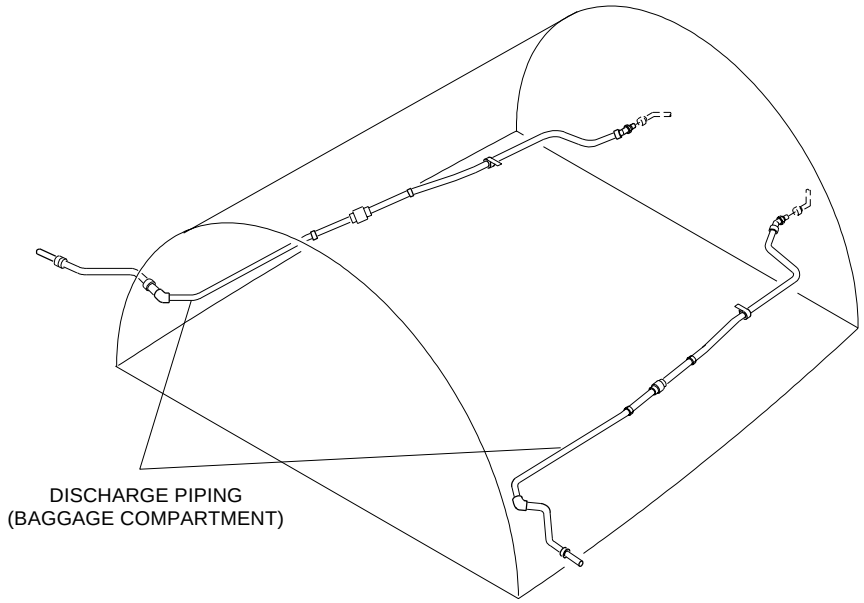


145AMM251775.MCE

EFFECTIVITY: ALL

Inspection of Engine Fire Extinguishing System - Component Locations
Figure 603



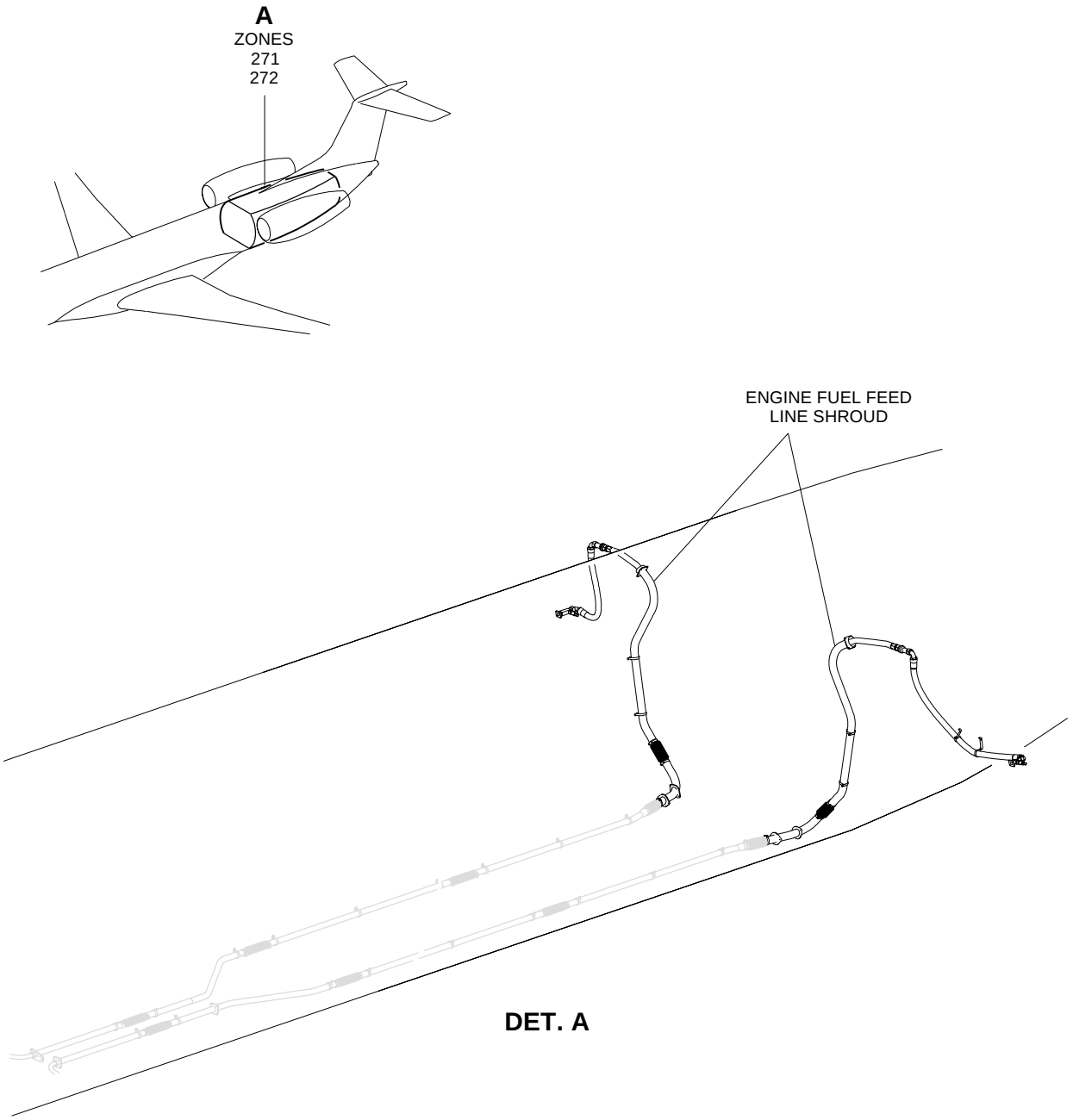


DET. A

145AMM251781.MCE

EFFECTIVITY: ALL

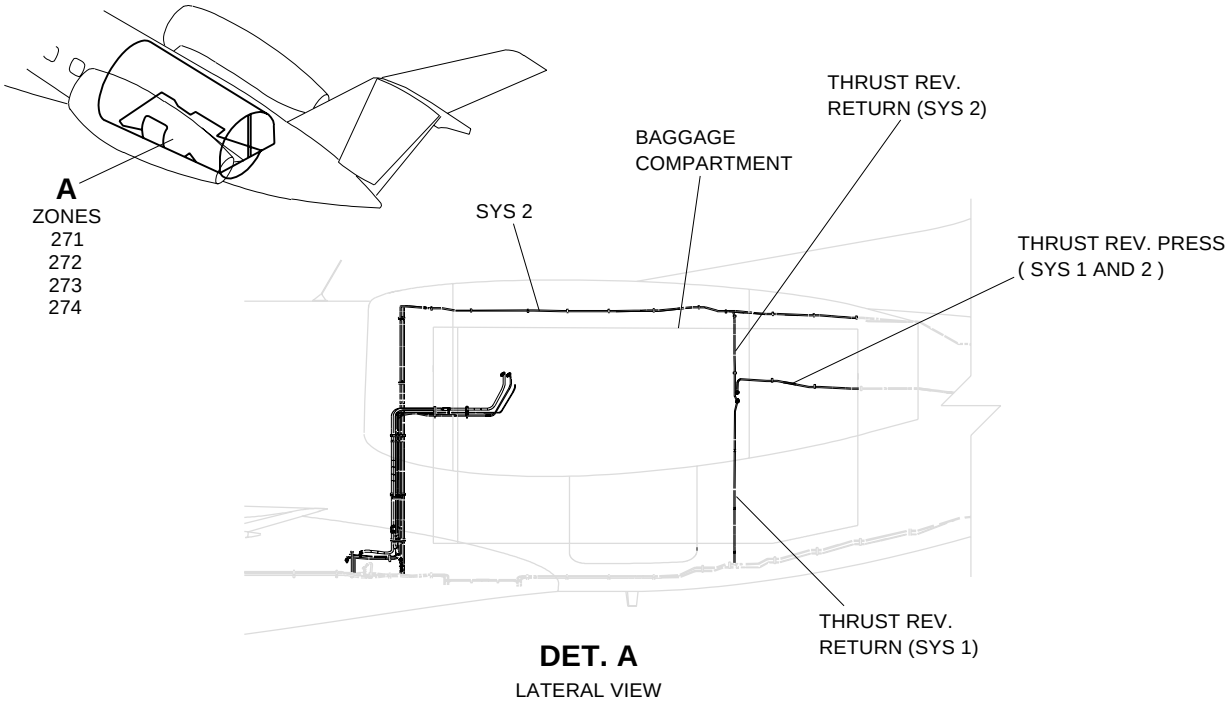
Inspection of Engine Fuel-Feed Line System - Component Locations
Figure 604



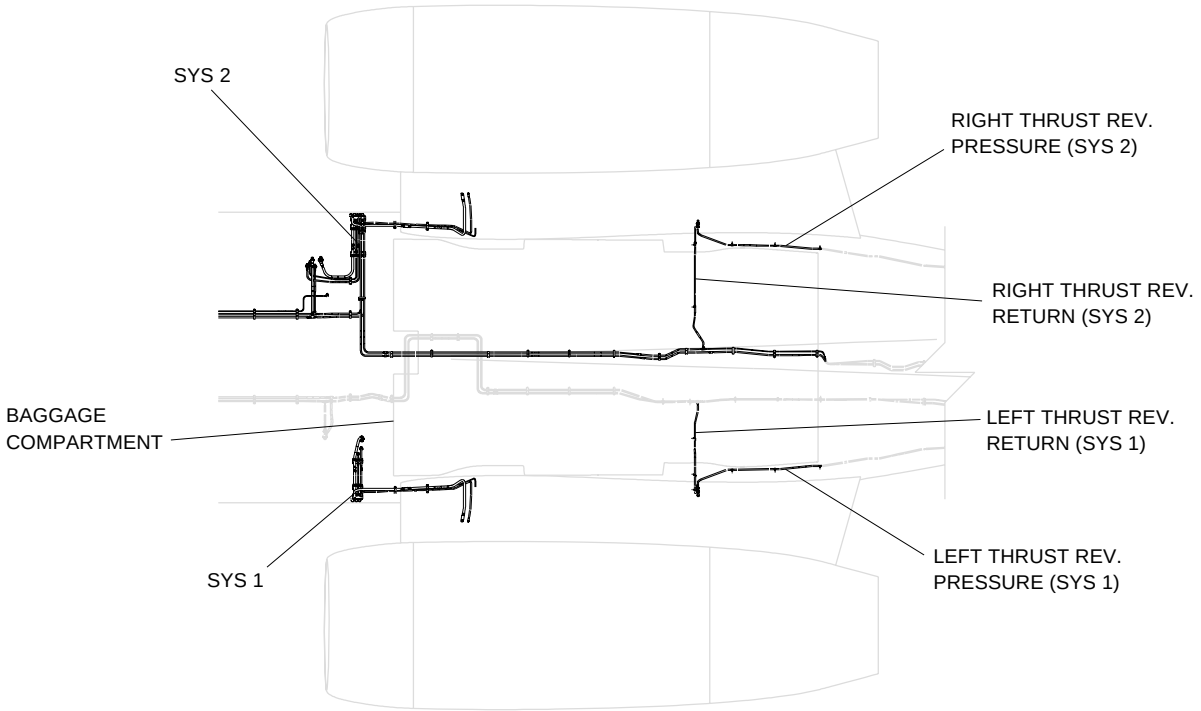
145AMM251779.MCE

EFFECTIVITY: ALL

Inspection of Hydraulic System - Component Locations
Figure 605



DET. A
LATERAL VIEW

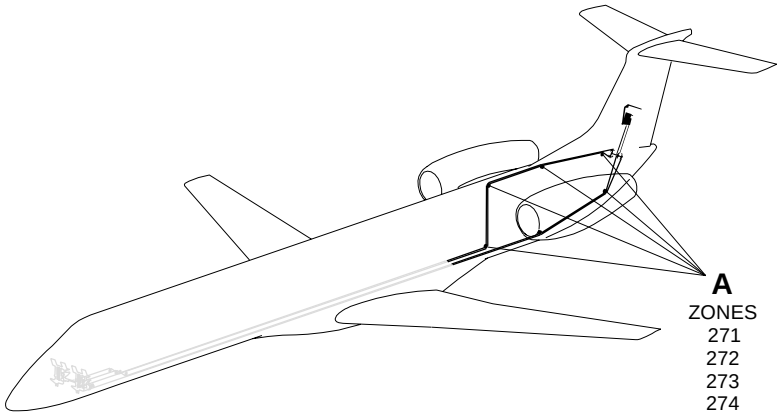


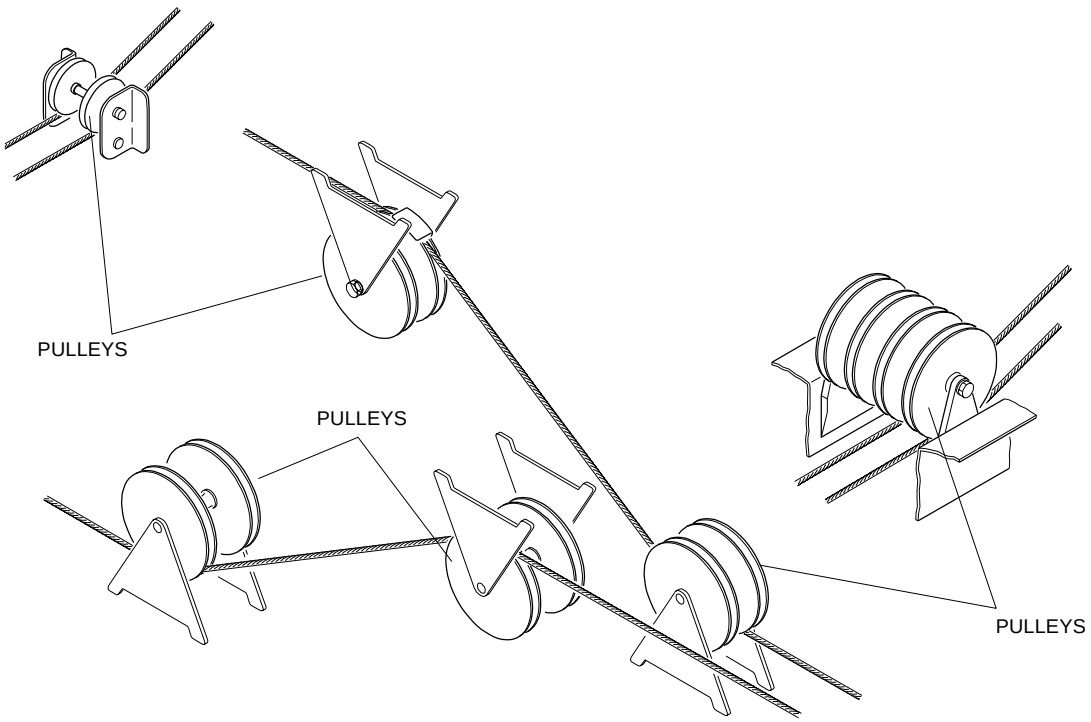
DET. A
PLAN VIEW

145AMM251776.MCE

EFFECTIVITY: ALL

Inspection of Flight Control System - Component Locations
Figure 606



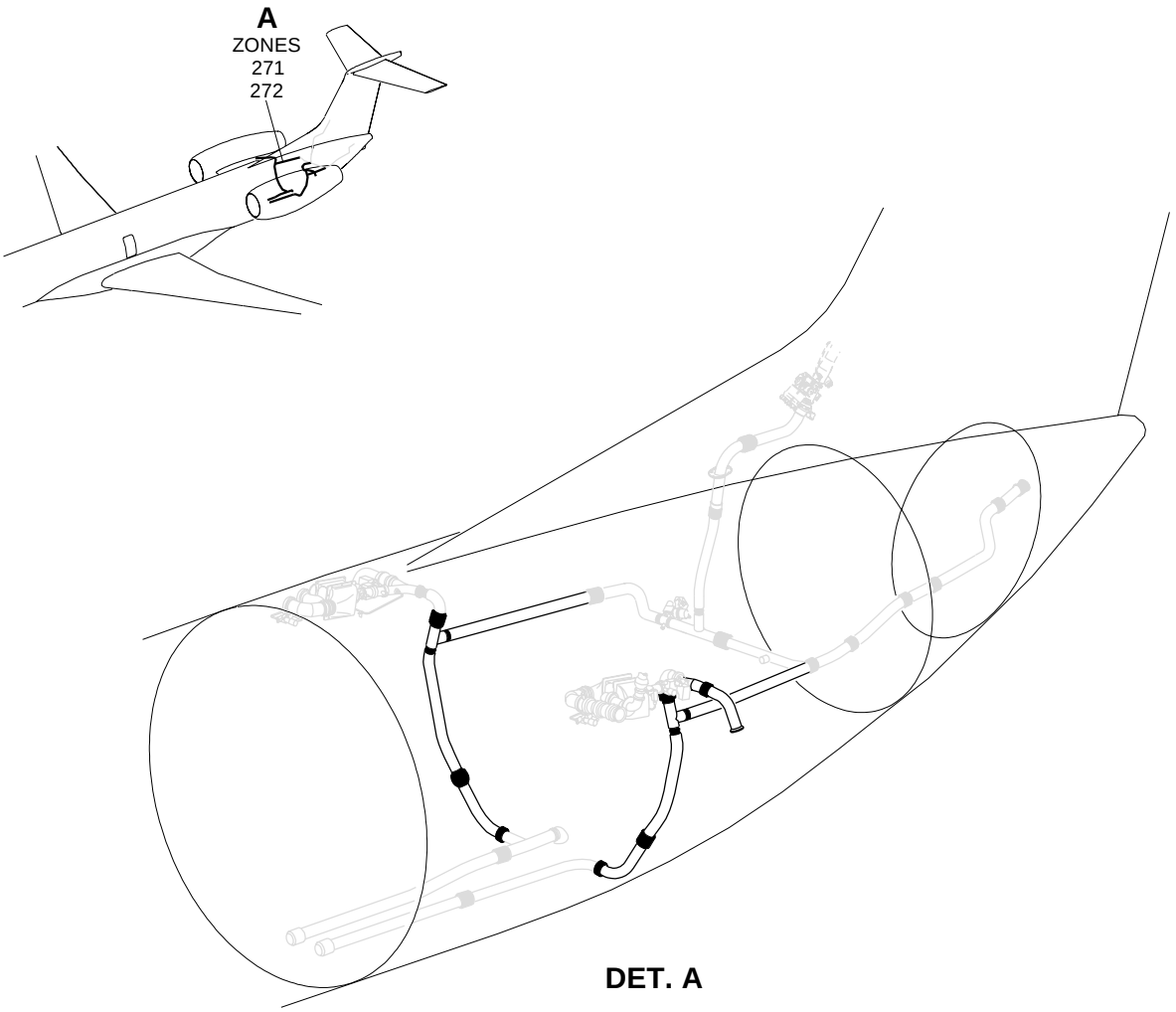


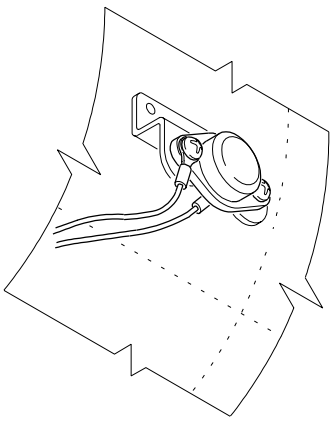
DET. A

145AMM251778.MCE

EFFECTIVITY: ALL

Bleed Air System - Component Locations
Figure 607





(TYPICAL)

145AMM251777.MCE