

APU DISCHARGE PIPING - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do an inspection on the discharge piping of the APU fire-extinguishing system.
- 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
26-22-04-200-801-A	DISCHARGE PIPING OF APU FIRE-EXTINGUISHING SYSTEM - VISUAL INSPECTION	ALL

TASK 26-22-04-200-801-A

EFFECTIVITY: ALL

2. DISCHARGE PIPING OF APU FIRE-EXTINGUISHING SYSTEM - VISUAL INSPECTION

A. General

- (1) This task permits you to examine the discharge piping of the APU fire-extinguishing system for general condition.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 20-13-21-700-801-A/200	ELECTRICAL BONDING TEST - STANDARD PROCEDURES
AMM TASK 20-13-21-910-801-A/200	TYPES OF ELECTRICAL BONDING AND SURFACE PREPARATION - STANDARD PROCEDURES
AMM TASK 20-13-21-910-802-A/200	ELECTRICAL BONDING PROTECTION - STANDARD PROCEDURES
AMM TASK 49-11-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-11-00-400-801-A/400	APU COWLING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
312	312AR	Tail cone compartment
313	313	APU cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the tail cone compartment/APU compartment	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Tail cone compartment/APU compartment

I. Preparation

SUBTASK 841-002-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 49-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO THE MATERIAL.

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them.
 - APU FIRE EXTG.
 - APU CONTROL.
- (2) Put the ladder in the work area.
- (3) Open access door 312AR (AMM MPP 06-42-00/100) to get access to the tail cone compartment.
- (4) Remove the APU cowling ([AMM TASK 49-11-00-000-801-A/400](#)) to get access to the APU compartment.

J. Discharge Piping of APU Fire-Extinguishing System - Visual Inspection ([Figure 601](#))

SUBTASK 212-002-A

CAUTION: DAMAGE TO THE DISCHARGE PIPING OF THE APU FIRE-EXTINGUISHING SYSTEM CAN BE CAUSED BY CHAFING OF THE CLAMP THAT ATTACHES THE ELECTRICAL BONDING JUMPER IN THE TUBING, IF IT IS NOT ATTACHED TIGHTLY. SUCH DAMAGE TO THE PIPING CAN DECREASE THE EFFICIENCY OF THE APU FIRE-EXTINGUISHING SYSTEM IN AN EMERGENCY CONDITION. MAKE SURE THAT THE CLAMP IS ATTACHED TIGHTLY TO THE DISCHARGE PIPING AND THE ELECTRICAL BONDING JUMPER IS NOT UNDER TENSION.

- (1) Examine the discharge piping of the APU fire-extinguishing system for cracks, chafing, nicks, bent and loose fittings. If necessary, replace it.
- (2) If necessary, loosen the clamp that attaches the electrical bonding jumper to the discharge piping to do a visual inspection on the piping for damage under the clamp area. Refer to [Figure 601](#). Replace the discharge piping if necessary.
- (3) To install the clamp back, do these steps:
 - (a) Do the electrical bonding procedures by the method 6 to correctly attach the clamp to the discharge tubing and by the method 7 to correctly tighten the clamp bolt ([AMM TASK 20-13-21-910-801-A/200](#)).
 - (b) Do the bonding test ([AMM TASK 20-13-21-700-801-A/200](#)).
 - (c) Do the bonding protection procedures ([AMM TASK 20-13-21-910-802-A/200](#)) in the clamp external area and at the clamp bolt.

K. Follow-on

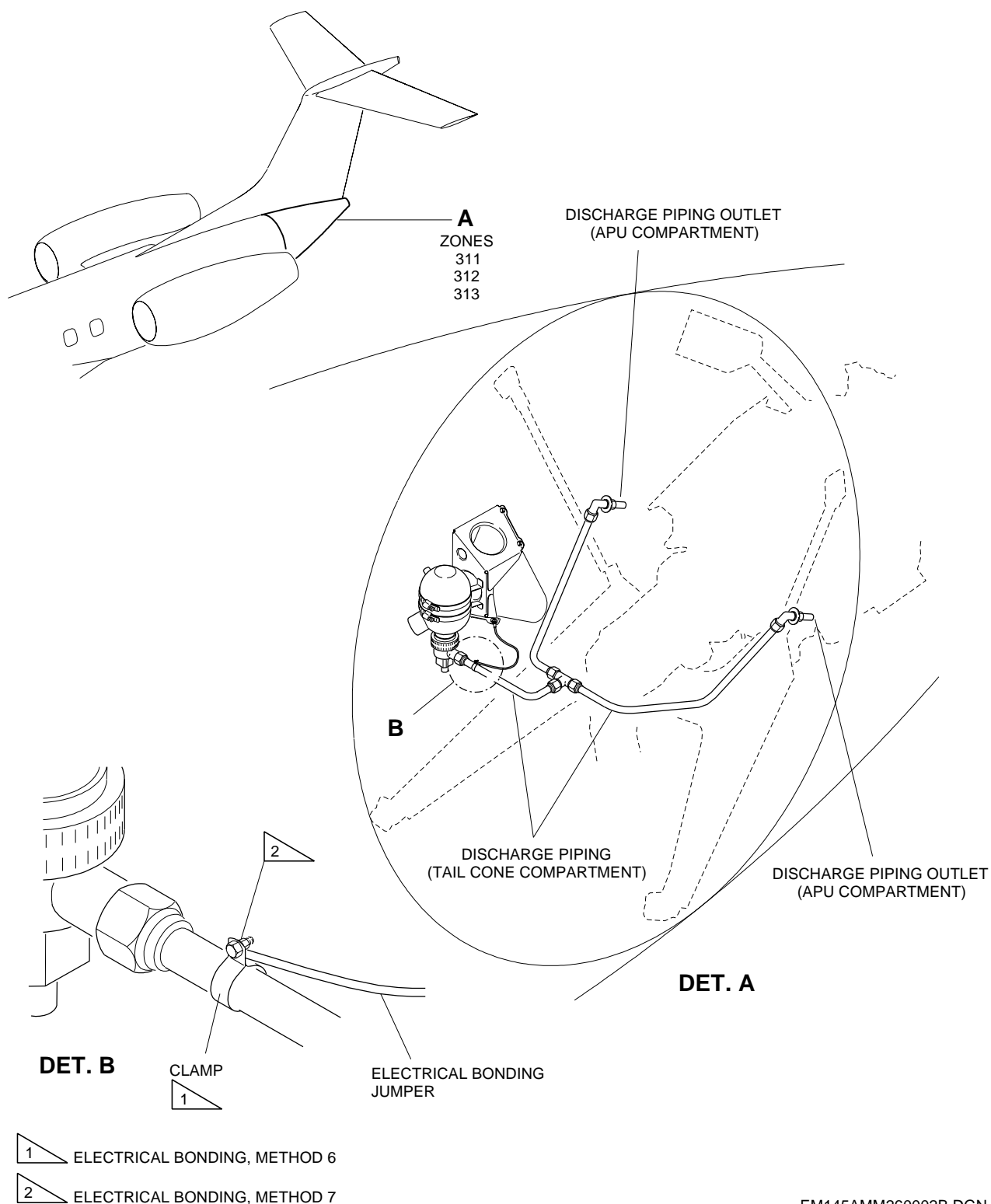
SUBTASK 842-002-A

- (1) Install the APU cowling ([AMM TASK 49-11-00-400-801-A/400](#)).
- (2) Close access door 312AR (AMM MPP 06-42-00/100).
- (3) Remove the ladder.
- (4) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them.
 - APU FIRE EXTG.
 - APU CONTROL.

EFFECTIVITY: ALL

APU Fire Extinguishing System - Component Locations

Figure 601



EM145AMM260002B.DGN

