

## RESONATOR - INSPECTION/CHECK

*EFFECTIVITY: ALL*

1. General

- A. This section gives the permitted limits for damage to the resonator.
- 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
53-32-10-200-801-A	PERMITTED LIMITS FOR DAMAGE TO RESONATOR - INSPECTION/CHECK	AIRCRAFT WITH APU EXHAUST SILENCER

TASK 53-32-10-200-801-A

*EFFECTIVITY: AIRCRAFT WITH APU EXHAUST SILENCER*

## 2. PERMITTED LIMITS FOR DAMAGE TO RESONATOR - INSPECTION/CHECK

### A. General

(1) This task gives the permitted limits for damage to the resonator.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 53-32-00-000-801-A/400</a>	TAIL CONE - REMOVAL
<a href="#">AMM TASK 53-32-00-400-801-A/400</a>	TAIL CONE - INSTALLATION
HSPS CMM 49-80-01	-

### 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	AR

### I. Preparation

*SUBTASK 841-002-A*

*EFFECTIVITY: AIRCRAFT WITH APU EXHAUST SILENCER*

(1) Remove the tail cone. Refer to [AMM TASK 53-32-00-000-801-A/400](#).

### J. Resonator - Inspection ([Figure 601](#))

*SUBTASK 220-002-A*

*EFFECTIVITY: AIRCRAFT WITH APU EXHAUST SILENCER*

(1) Make a detailed inspection on the resonator for damage ([Figure 601](#)).

(2) If the resonator is damaged, refer to [Table 601](#) to know if damage is permitted or not.

Table 601 - PERMITTED LIMITS FOR DAMAGE TO RESONATOR

	Maximum Depth mm (in.)	Maximum Length mm (in.)	Maximum Width mm (in.)	Maximum Di- ameter mm (in.)
Dents and deformation	6.35 (0.25)	101.6 (4.0)	76.2 (3.0)	N/A
Cracks and Tears	N/A	25.4 (1.0)	1.52 (0.06)	N/A
Holes	N/A	N/A	N/A	12.7 (0.50)

- (3) If the damage is in the limits given in [Table 601](#), no action or treatment is necessary and the aircraft can be dispatched.
- (4) Damage that is out of the limits given in [Table 601](#) must be repaired. Refer to HSPS CMM 49-80-01 as necessary or replace all the exhaust silencer.

K. Follow-on

*SUBTASK 842-002-A*

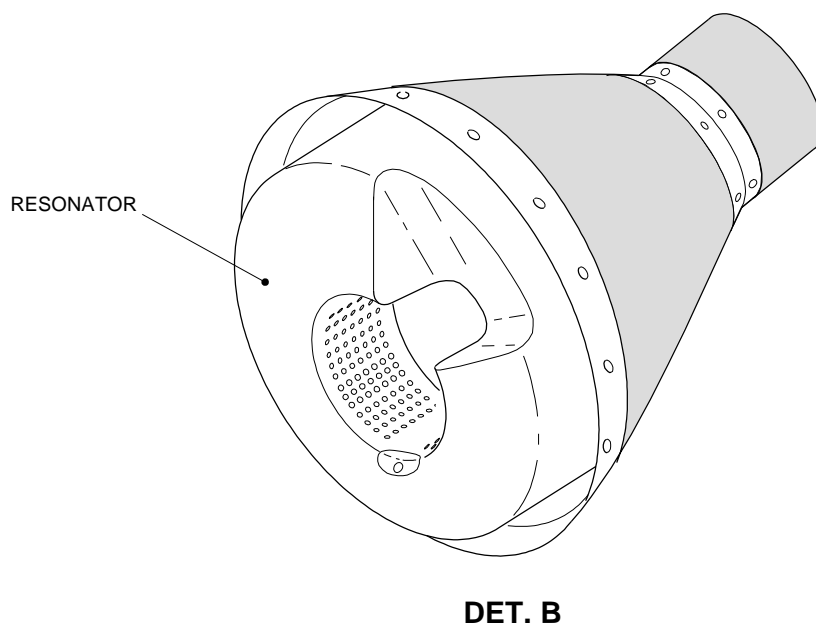
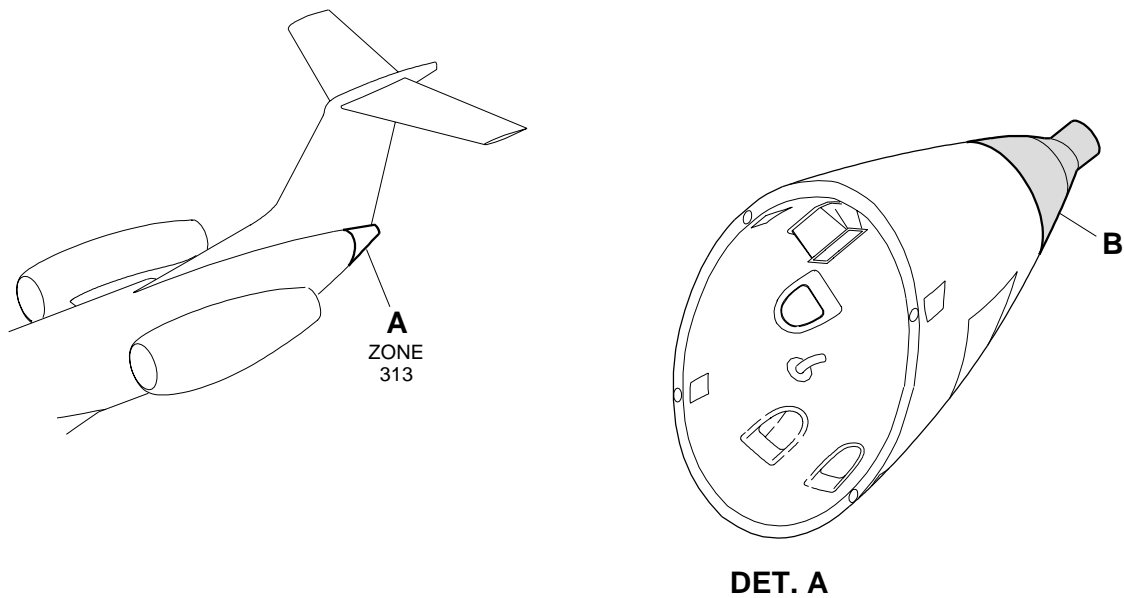
*EFFECTIVITY: AIRCRAFT WITH APU EXHAUST SILENCER*

- (1) Install the tail cone. Refer to [AMM TASK 53-32-00-400-801-A/400](#).

*EFFECTIVITY: AIRCRAFT WITH APU EXHAUST SILENCER*

Permitted Limits for Damage to Resonator - Inspection/Check

Figure 601



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