



AIRCRAFT MAINTENANCE MANUAL

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



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

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
AMM TASK 53-32-00-000-801-A/400	TAIL CONE - REMOVAL
AMM TASK 53-32-00-400-801-A/400	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 Diameter 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

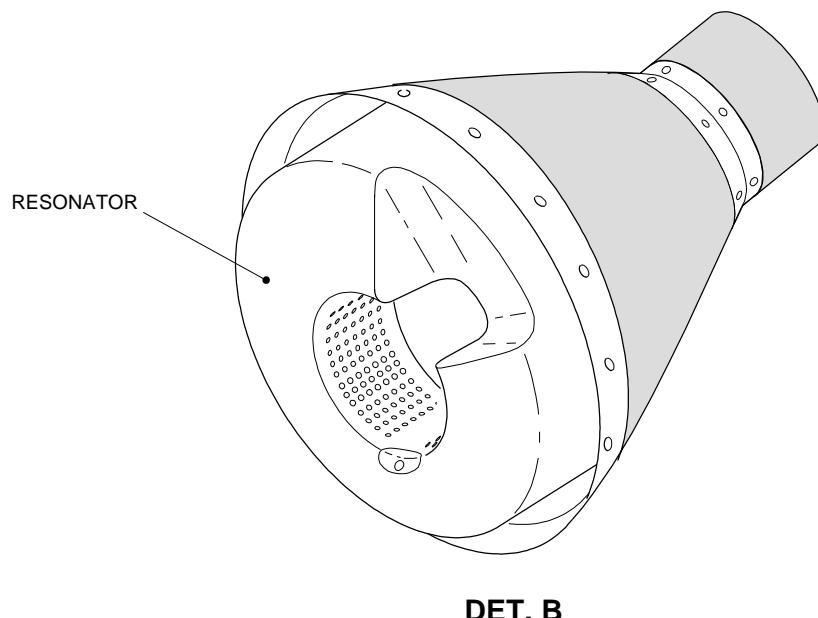
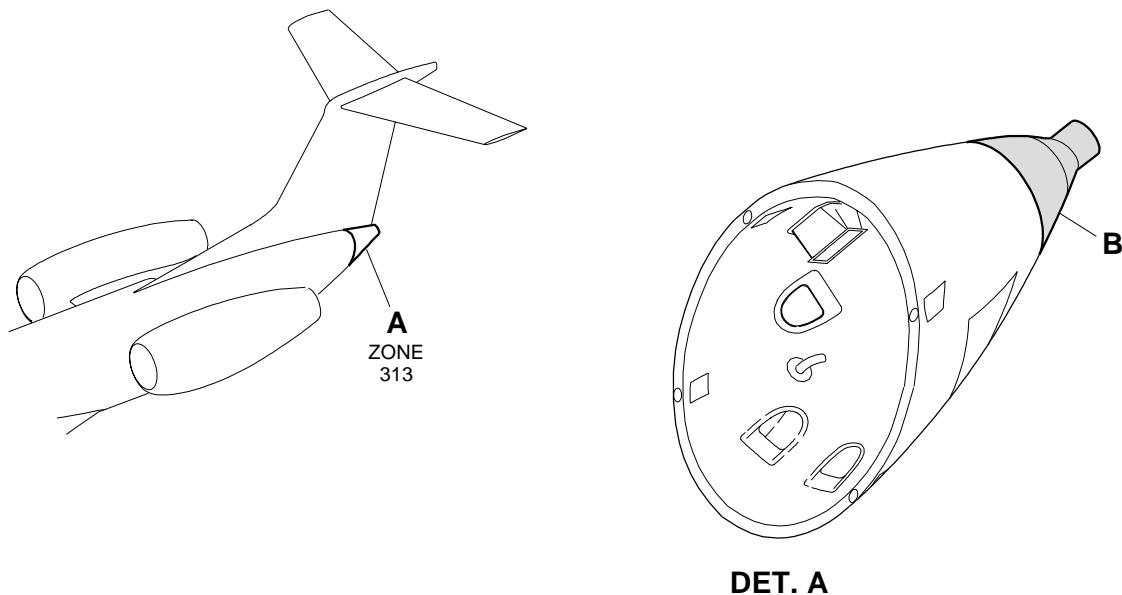
EFFECTIVITY: AIRCRAFT WITH APU EXHAUST SILENCER

- (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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