



AIRCRAFT  
MAINTENANCE MANUAL

**STATIC DISCHARGING - INSPECTION/CHECK**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the visual inspection of the static dischargers.
- 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
23-60-00-200-801-A	STATIC DISCHARGERS - VISUAL INSPECTION	ALL



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 23-60-00-200-801-A

EFFECTIVITY: ALL

2. STATIC DISCHARGERS - VISUAL INSPECTION

A. General

- (1) This task gives the procedures to inspect all the static dischargers for general condition.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
561		LH Wing Tip
573		LH Aileron
661		RH Wing Tip
663		RH Aileron
327		Rudder
335		LH Horizontal Stabilizer
336		RH Horizontal Stabilizer
321		Vertical Stabilizer Rear Fairing
711		Nose Landing Gear

C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 036	Platform, hydraulic	To get access to the task area	

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the structure

H. Preparation

SUBTASK 841-002-A

- (1) Put up the hydraulic platform at the necessary height.

I. Visual Check Procedure ([Figure 601](#))

SUBTASK 212-002-A

- (1) Do the visual inspection of the trailing static dischargers.

- (a) Make sure the static discharger is correctly installed on its base.
- (b) Examine the static discharger for damage:
  - Make sure the sleeve of the static discharger is not damaged.
  - Make sure the carbon composite tip of the static discharger is not damaged.

NOTE: Replace all dischargers which show deterioration or are broken.

- (2) Do the visual inspection of the NLG static discharger.
  - (a) Make sure the nose landing gear discharger is correctly installed on the nose landing gear.
  - (b) Examine the static discharger for damage or steel cable tip worn.

NOTE: The length of the static discharger must be sufficient to do a light pressure against the ground.

If necessary, remove a part of the insulation and adjust the discharger as applicable.

J. Follow-on

**SUBTASK 842-002-A**

- (1) Remove the support equipment.

**EFFECTIVITY: ALL**

Static Dischargers - Visual Inspection

Figure 601

