

## RUDDER II - EXTERNAL - INSPECTION/CHECK

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to do the visual inspection of rudder II for general condition.
- B. Related Zone: 327.
- C. (Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 27083.12 thru STA X = 27621.84.  
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 23543.62 thru STA X = 24062.34.
- D. 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
05-20-50-200-801-A	RUDDER II - EXTERNAL GENERAL VISUAL INSPECTION	ALL

TASK 05-20-50-200-801-A

EFFECTIVITY: ALL

## 2. RUDDER II - EXTERNAL GENERAL VISUAL INSPECTION

### A. General

- (1) You must do the external general visual inspection (GVI) of vertical stabilizer, at zone 327, within a touching distance of the items examined.
- (2) The function of the external general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

### B. Zones and Accesses

Not Applicable

### C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Ladder	To get access to the inspection 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	Rudder II

### H. Preparation

*SUBTASK 841-002-A*

**WARNING: MAKE SURE THAT THE RUDDER IS NOT OPERATED ACCIDENTALLY. AN ACCIDENTAL OPERATION OF THE RUDDER CAN CAUSE INJURY TO PERSONS.**

- (1) Put the ladder in position.

### I. External General Visual Inspection ([Figure 601](#))

*SUBTASK 212-002-A*

- (1) Examine rudder II for loose rivets, nicks, cracks, dents, skin deformation, sealant condition, erosion, corrosion, painting bad condition, deteriorated protective treatment and bonding jumper condition ([Figure 601](#)).

J. Follow-on

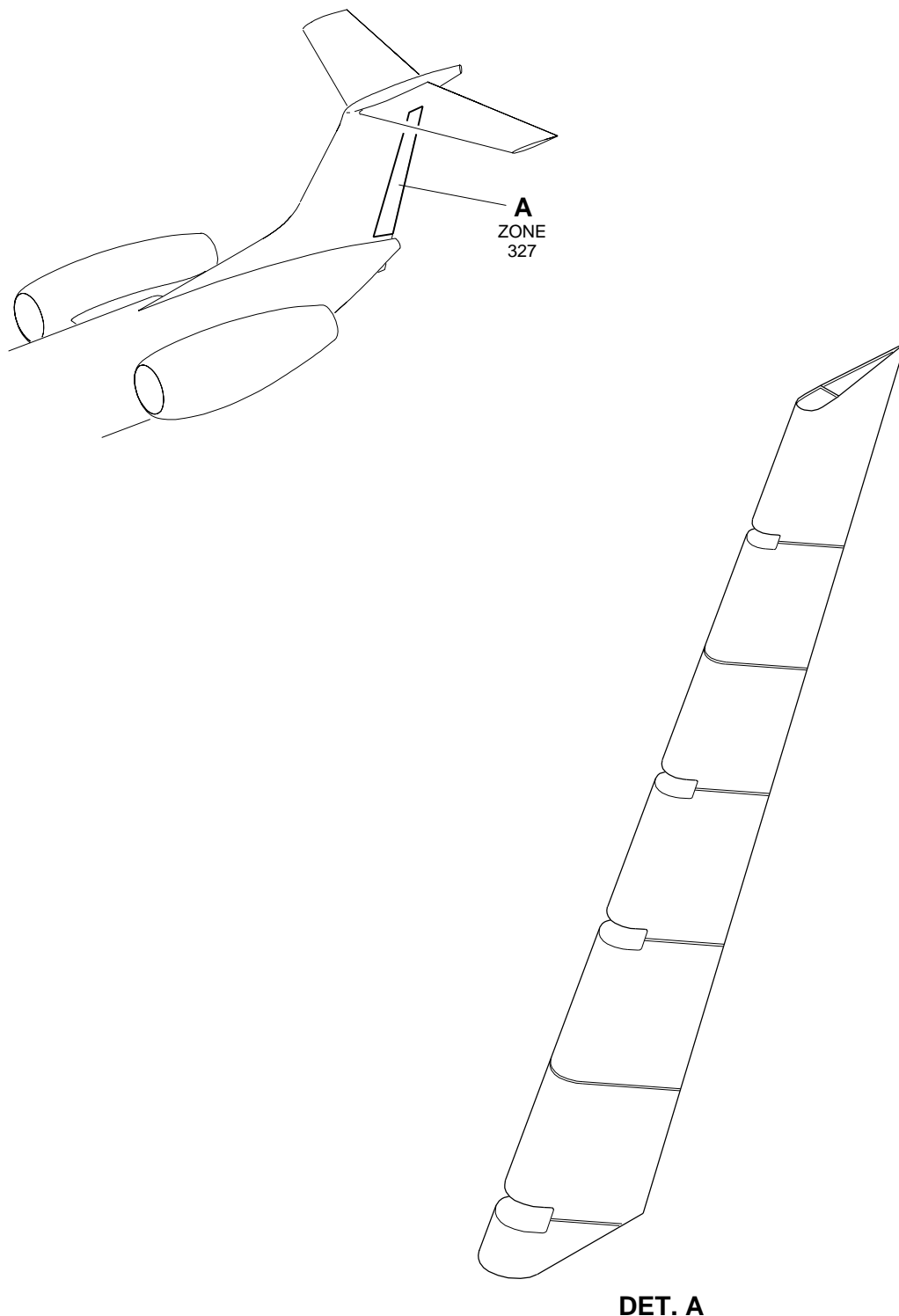
*SUBTASK 842-002-A*

- (1) Remove the ladder.

*EFFECTIVITY: ALL*

Rudder II - External General Visual Inspection

Figure 601



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