



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**WING ROOT SECTION BETWEEN SPAR II AND SPAR III - EXTERNAL - INSPECTION/CHECK**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the visual inspection of the wing root section for general condition.
- B. Related Zones: 532/632.
- C. Zone Boundaries: STA YA = - 960.00 thru STA YA = - 3815.00 (rib 9).
- 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
05-20-84-200-801-A ♦	WING - EXTERNAL GENERAL VISUAL IN- ALL SPECTION	



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TASK 05-20-84-200-801-A

EFFECTIVITY: ALL

2. WING - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do Zonal Task 57-Z532-213-001-A00.
- (2) The external general visual inspection (GVI) of zones 532/632 must be done within a touching distance of the items examined.
- (3) It is a GVI to find damage, failure, or irregular conditions that can be seen easily.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Stand	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	Wing

H. Preparation

SUBTASK 841-002-A

- (1) Put the ladder in position.

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

SUBTASK 212-002-A

- (1) Examine the wing zone for loose screws, nicks, cracks, dents, erosion, corrosion, deformation, deteriorated protective treatment and sealant condition ([Figure 602](#)).
- (2) Examine the lower skin access holes for condition.
- (3) Examine the upper skin/spars attachment for condition.
- (4) Examine the web and stiffeners for condition.
- (5) Examine the web cut-outs of spar 3 for condition.



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(6) Examine the spar 3/wing attachment for condition.

J. Follow-on

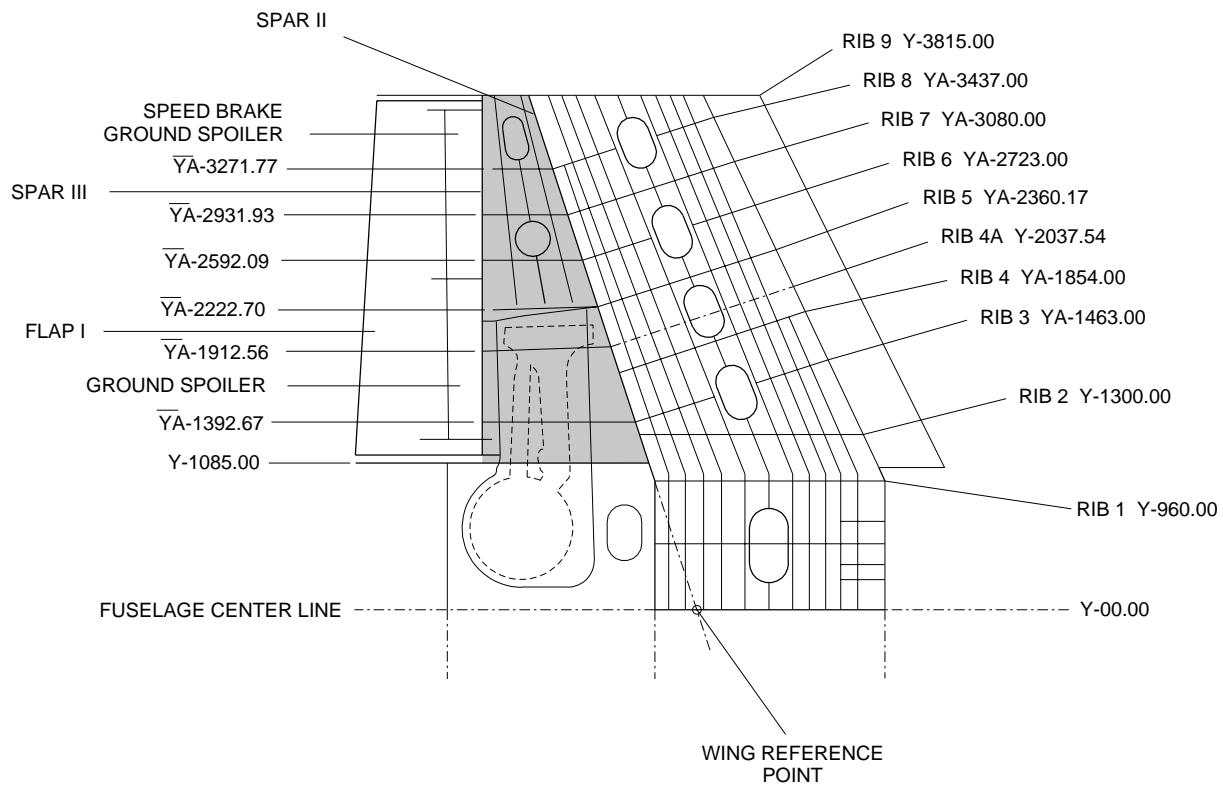
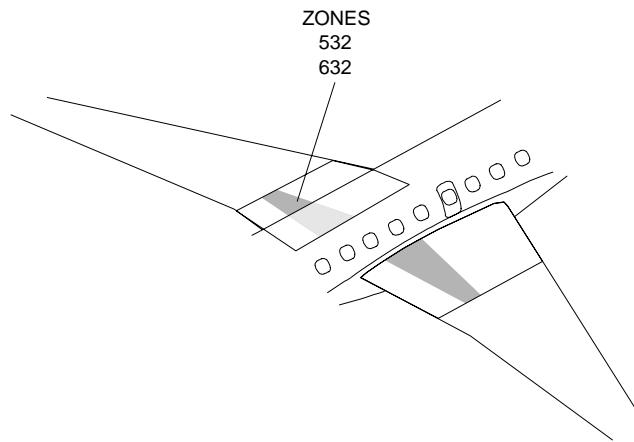
*SUBTASK 842-002-A*

(1) Remove the ladder.

**EFFECTIVITY: ALL**

Wing - Zone Location Reference

Figure 601

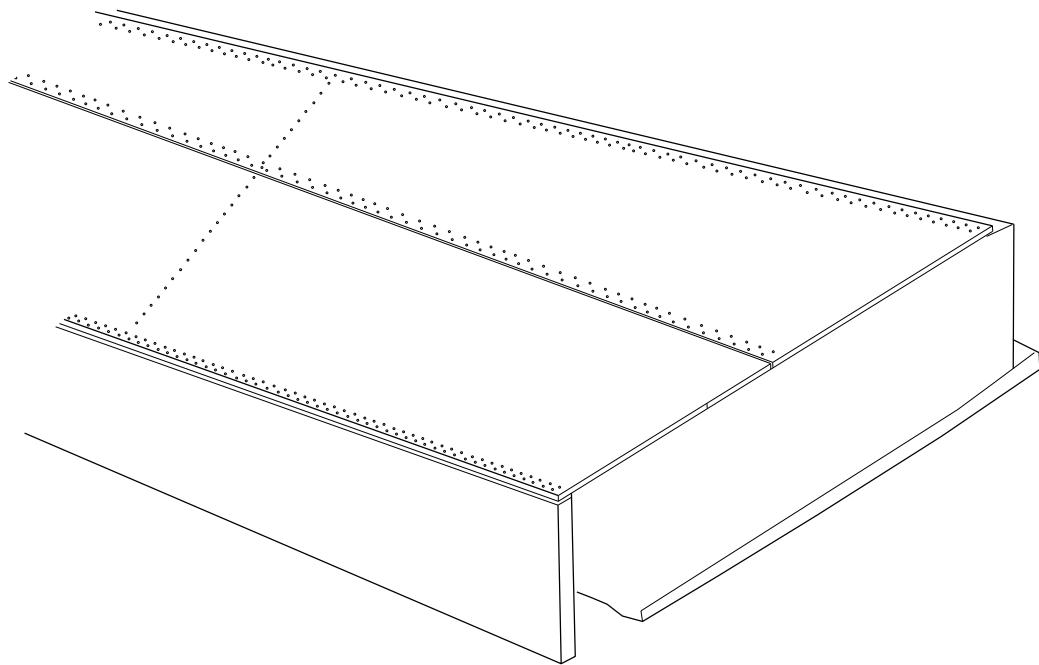
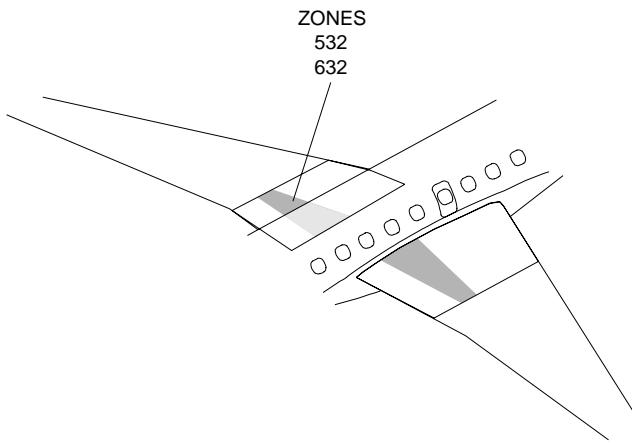


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EFFECTIVITY: ALL

Wing - External Inspection

Figure 602



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