



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

WING ROOT SECTION BETWEEN SPAR I AND SPAR II - 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: 531/631.
- C. Zone Boundaries: STA Y = -960.00 (rib 1) thru STA Y = -3815.00 (rib 9) and spar I and spar II.
- 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
05-20-82-200-801-A ♦	WING ROOT SECTION BETWEEN SPAR I AND SPAR II - EXTERNAL GENERAL VIS- UAL INSPECTION	ALL



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TASK 05-20-82-200-801-A

EFFECTIVITY: ALL

2. WING ROOT SECTION BETWEEN SPAR I AND SPAR II - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SMRD Zonal Task 57-Z531-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of wing, at zones 531/631, within a touching distance of the items examined.
- (3) The function of the general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

REFERENCE	DESIGNATION
AMM TASK 12-22-00-600-801-A/300	LIGHT DIRT - SERVICING
AMM TASK 12-22-00-600-802-A/300	HEAVY DIRT - SERVICING

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

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

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	Wing root section

I. Preparation

SUBTASK 841-002-A

- (1) Put the ladder in position.
- (2) If necessary, clean the inspection area ([AMM TASK 12-22-00-600-801-A/300](#)) or ([AMM TASK 12-22-00-600-802-A/300](#)) as applicable.



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J. External General Visual Inspection ([Figure 601](#)) ([Figure 602](#))

SUBTASK 212-002-A

- (1) Examine the wing root zone for loose rivets, nicks, cracks, dents, skin deformation, sealant condition, erosion, corrosion, painting bad condition, and deteriorated protective treatment ([Figure 601](#)).
- (2) Examine the upper skin/spars attachment for condition ([Figure 602](#)).
- (3) Examine the upper skin/wing stub attachment for condition ([Figure 602](#)).
- (4) Examine the spar 1/wing stub attachment for condition ([Figure 602](#)).

K. Follow-on

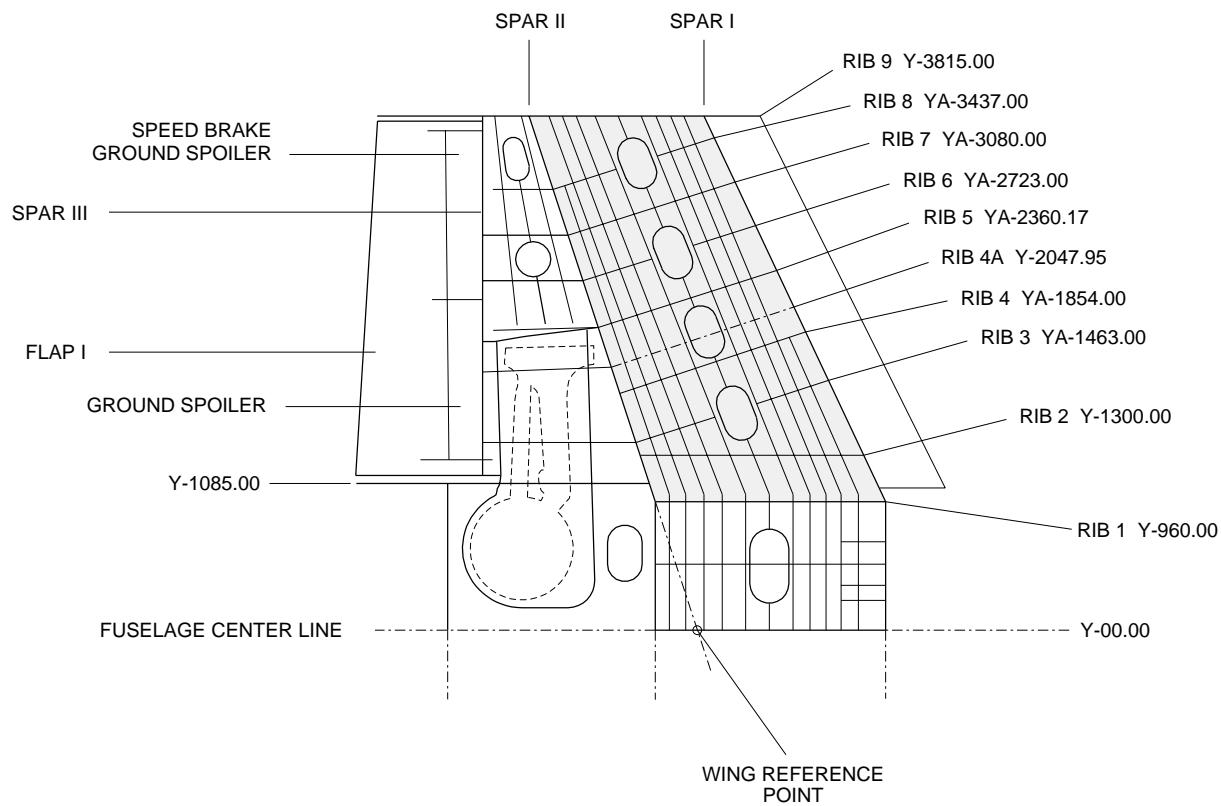
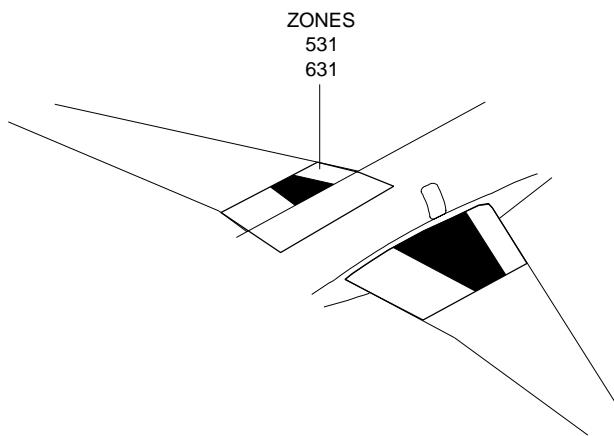
SUBTASK 842-002-A

- (1) Remove the ladder.

EFFECTIVITY: ALL

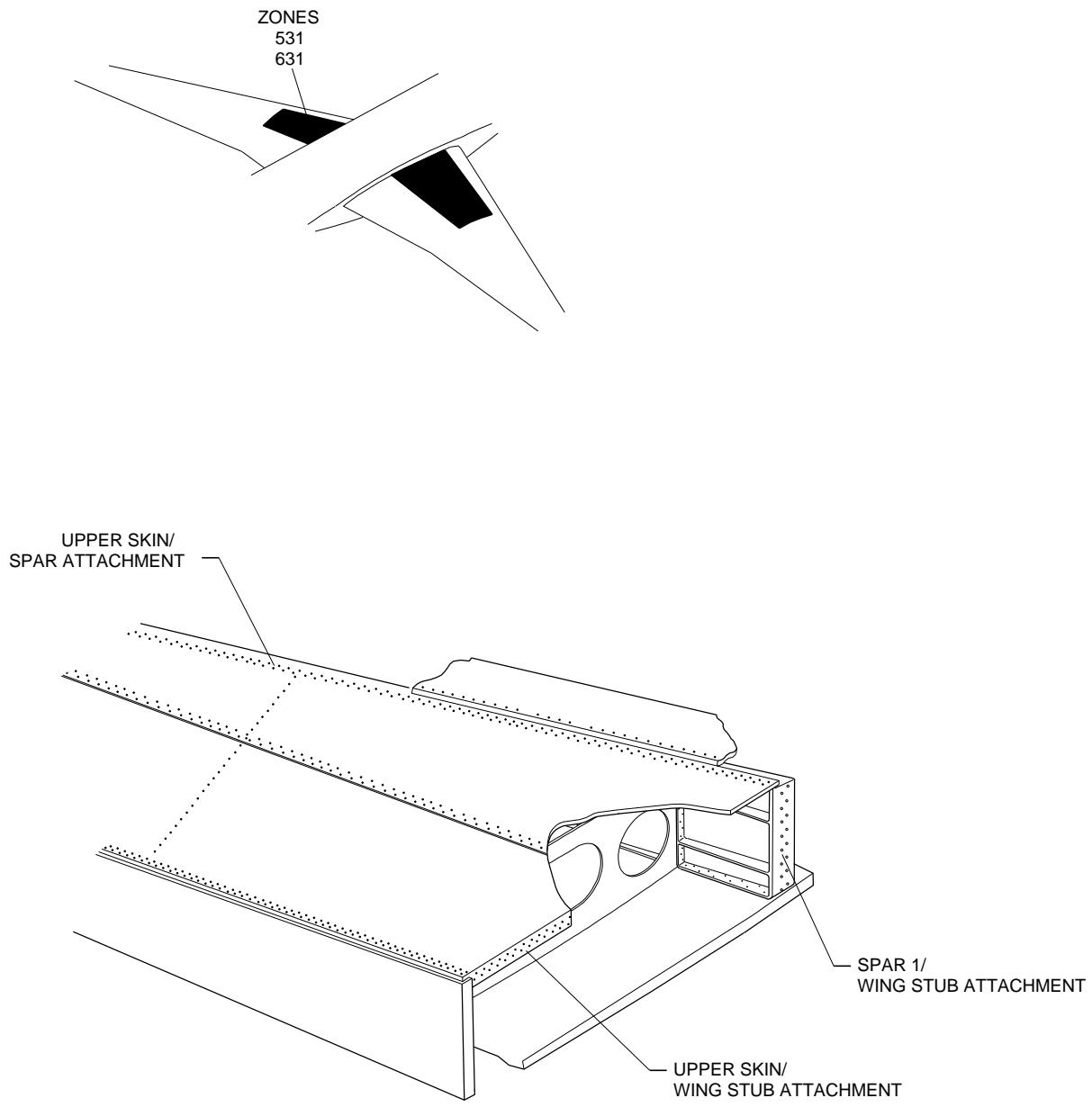
Wing Root Section, Between Spar I and Spar II - Zone Location Reference

Figure 601



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EFFECTIVITY: ALL

 Wing Root Section, Between Spar I and Spar II - External General Visual Inspection
 Figure 602


145AMM050015.MCE C

