



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

OUTBOARD WING LEADING EDGE - INTERNAL - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the outboard wing leading edge for general condition.
- B. Related Zones: 513/613.
- C. Zone Boundaries: STA YA = -6937.00 (rib 17) thru STA YA = -9785.00 (rib 25).
- 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
05-20-81-200-801-A	OUTBOARD WING LEADING EDGE - INTERNAL GENERAL VISUAL INSPECTION	ALL



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TASK 05-20-81-200-801-A

EFFECTIVITY: ALL

2. OUTBOARD WING LEADING EDGE - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do the internal general visual inspection (GVI) of wing, at zones 513/613, within a touching distance of the items examined.
- (2) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.

B. References

REFERENCE	DESIGNATION
AMM TASK 57-43-00-000-801-A/400	LEADING EDGE III - REMOVAL
AMM TASK 57-43-00-400-801-A/400	LEADING EDGE III - INSTALLATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Stand	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	Outboard wing leading edge

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the WING circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Put the stand in position.
- (3) Remove the outboard wing leading edge ([AMM TASK 57-43-00-000-801-A/400](#)).



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

SUBTASK 212-002-A

- (1) Examine the interior of the zone for loose rivets, skin deformation, nicks, cracks, dents, scratches, gouges, creases, erosion, corrosion, deteriorated protective treatment, and foreign objects ([Figure 601](#)).
- (2) Examine the interior of the zone for leakage on the skin, signs of friction, tension, broken strands, and signs of overheating.

K. Follow-on

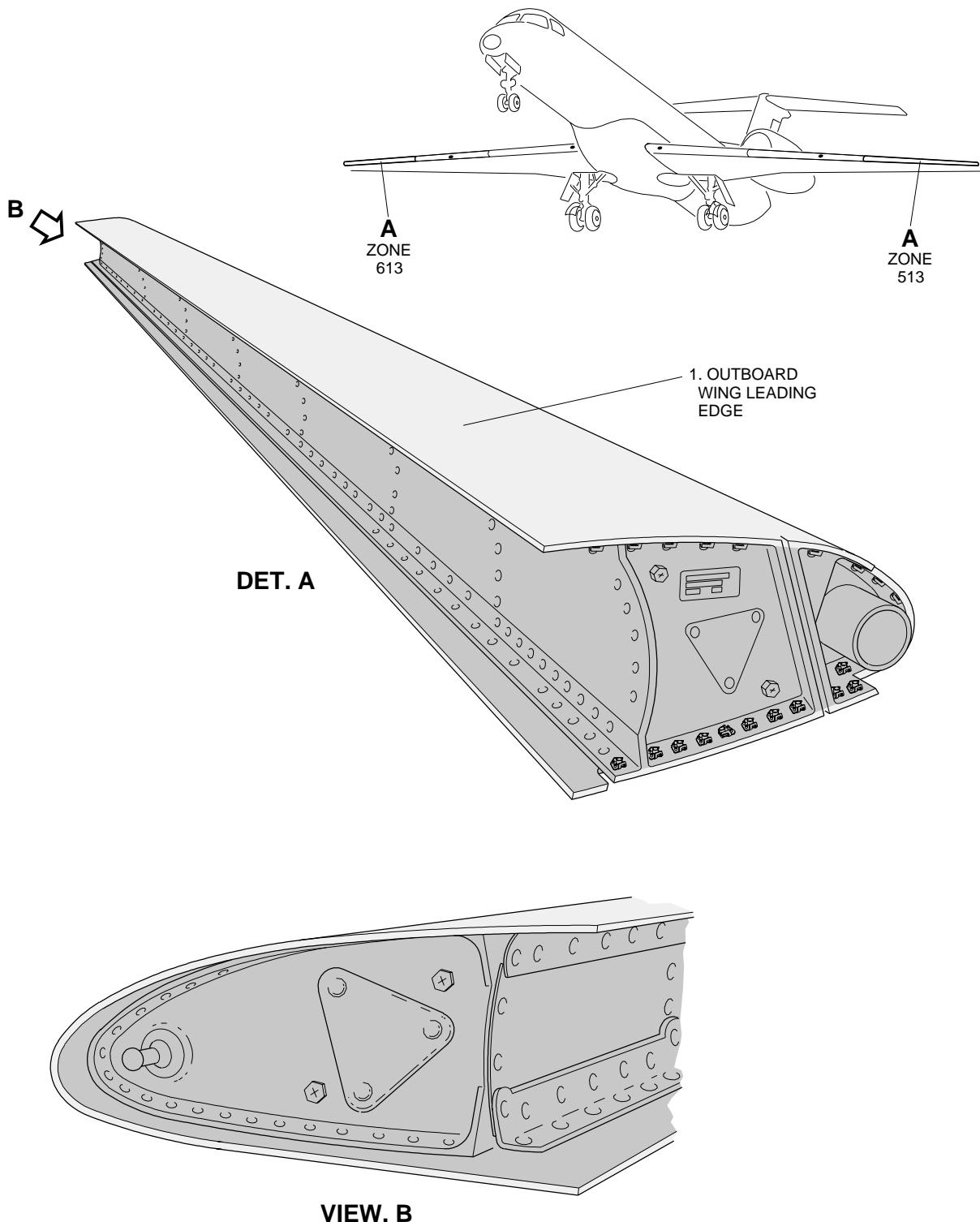
SUBTASK 842-002-A

- (1) Install the outboard wing leading edge ([AMM TASK 57-43-00-400-801-A/400](#)).
- (2) On the circuit breaker panel, close the WING circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (3) Remove the stand.

EFFECTIVITY: ALL

Outboard Wing Leading Edge - Internal General Visual Inspection

Figure 601



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