



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**WING LEADING EDGE - INSPECTION/CHECK**

*EFFECTIVITY: ALL*

1. General

A. This section gives SMRD Zonal Task 57-Z511-213-001-A00.

B. Zones: 511/611/512/612/513/613.

C. Zone Boundaries:

STA Y = - 1030.0 (rib 1) thru STA Y = - 437.44 (rib 11).

STA Y = - 3815.00 (rib 09) thru STA YA = - 6937.00 (rib 17) and STA Y = 3815.00 (rib 09) thru STA YA = 6937.00 (rib 17).

STA Y = - 7882.00 (rib 19A) thru STA Y = - 9785.00 (rib 25) and STA Y = 7882.00 (rib 19A) thru STA Y = 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
05-20-76-200-801-A ♦	WING LEADING EDGE - EXTERNAL GEN- ALL ERAL VISUAL INSPECTION	

**TASK 05-20-76-200-801-A**

**EFFECTIVITY: ALL**

**2. WING LEADING EDGE - EXTERNAL GENERAL VISUAL INSPECTION**

**A. General**

- (1) This task gives instructions to do Zonal Task 57-Z511-213-001-A00.
- (2) The external general visual inspection (GVI) of zones 511/611/512/612/513/613 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**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>PURPOSE</i>	<i>QTY</i>
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**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Wing leading edge

**H. Preparation**

**SUBTASK 841-002-A**

- (1) Put the ladder in position.

**I. Wing Leading Edge - External General Visual Inspection (Figure 601) (Figure 602) (Figure 603)**

**SUBTASK 213-002-A**

- (1) Examine the wing leading edge zone for loose screws, nicks, cracks, dents, erosion, corrosion, deformation, and deteriorated protective treatment (Figure 601, Figure 602, and Figure 603).
- (2) Examine the inter-wing leading-edge splice for condition.

**J. Follow-on**

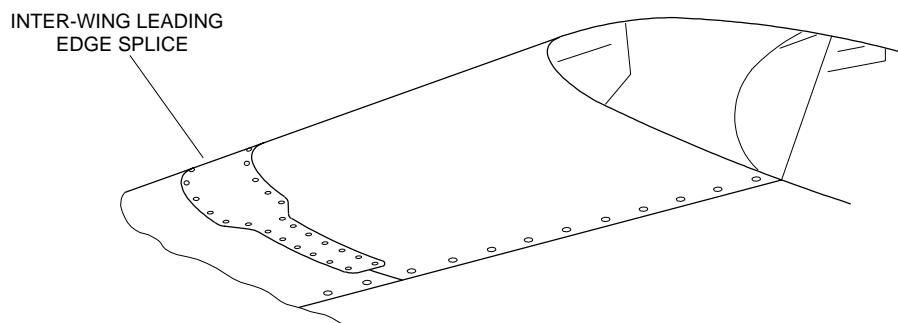
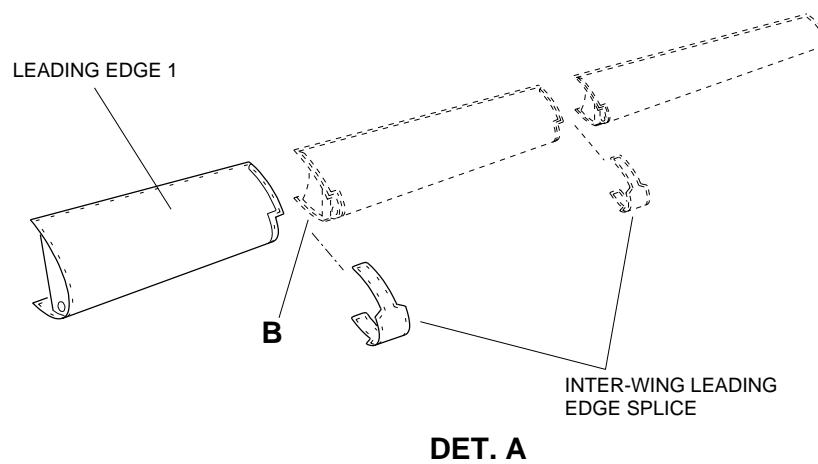
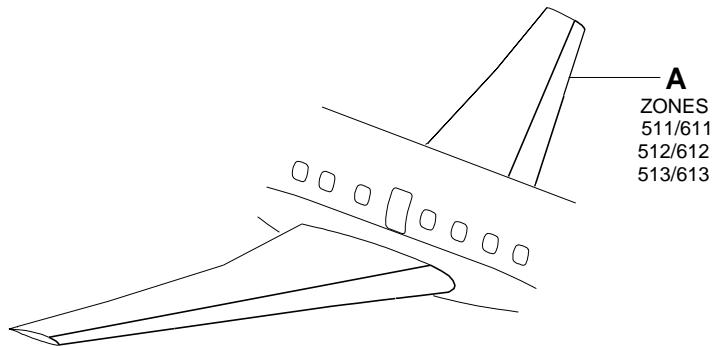
**SUBTASK 842-002-A**

- (1) Remove the ladder.

**EFFECTIVITY: ALL**

Wing Leading Edge I - External General Visual Inspection

Figure 601

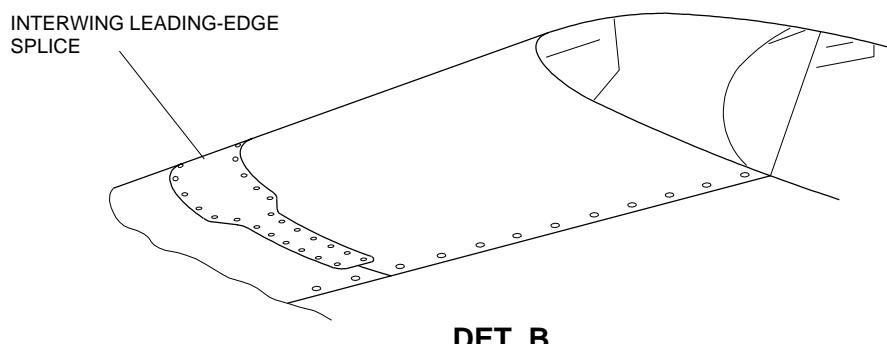
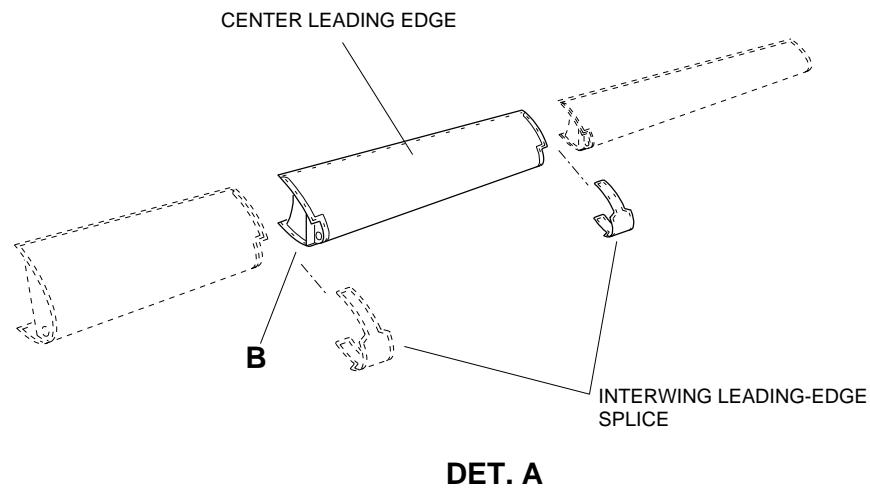
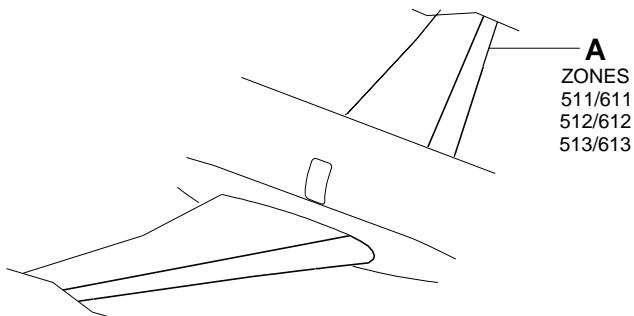


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**EFFECTIVITY: ALL**

Wing Leading Edge II - External General Visual Inspection

Figure 602

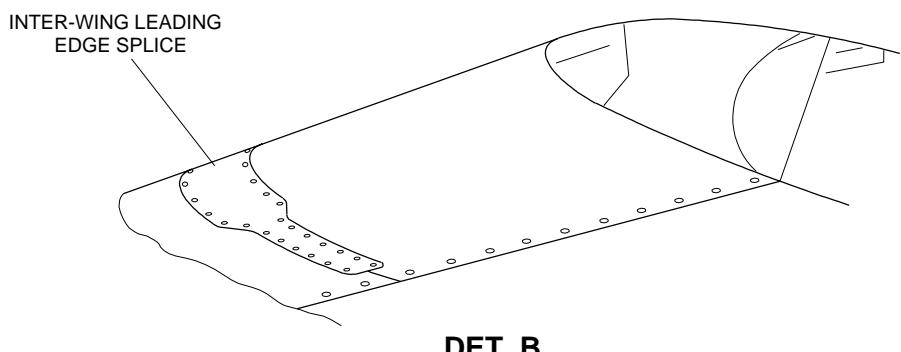
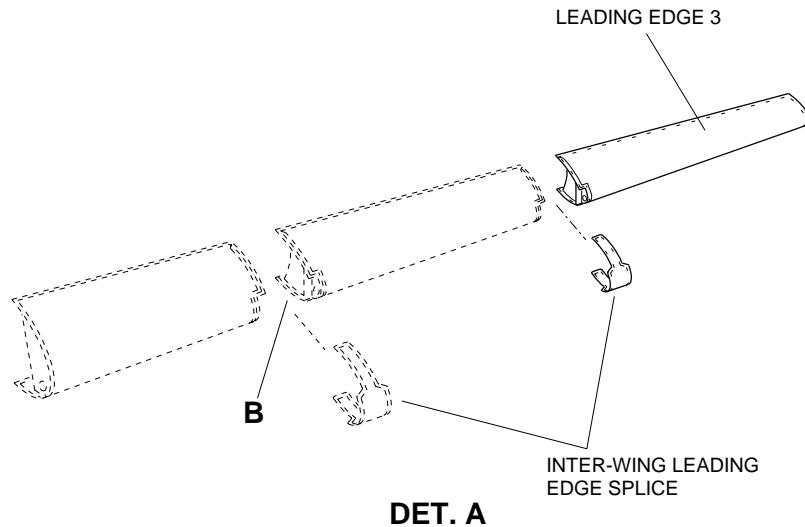
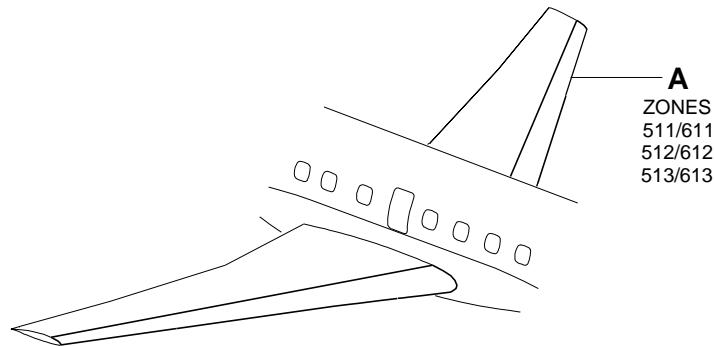


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**EFFECTIVITY: ALL**

Wing Leading Edge III - External General Visual Inspection

Figure 603



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