



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

WING-TO-FUSELAGE FAIRING - EXTERNAL - INSPECTION/CHECK

EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER AND EMB-135 LR/KE/KL/ER

1. General

- A. This section gives the procedures to do the visual inspection of wing-to-fuselage fairing for general condition.
- B. Related Zone: 191/192/193/194/195.
- C. (Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 10229.0 thru STA X = 13601.0.
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 8217.5 thru STA X = 11595.0.
(Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 13601.0 thru STA X = 16783.5.
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 11595.0 thru STA X = 14777.5.
(Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 16783.5 thru STA X = 20230.0.
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 14777.5 thru STA X = 18320.8.
(Applicable to EMB-145 (ALL) models) Zone Boundaries: STA X = 13601.0 thru STA X = 16783.5.
(Applicable to EMB-135 (ALL) models) Zone Boundaries: STA X = 11595.0 thru STA X = 14777.5.
- 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
05-30-11-200-801-A ♦	WING-TO-FUSELAGE FAIRING - EXTERNAL GENERAL VISUAL INSPECTION	EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER



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TASK 05-30-11-200-801-A

EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER

2. WING-TO-FUSELAGE FAIRING - EXTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This task gives instructions to do SMRD Zonal Task 53-Z191-213-001-A00.
- (2) You must do the external general visual inspection (GVI) of forward, center, rear, and lateral wing-to-fuselage fairing, at zones 191, 192, 193, 194, and 195, within a touching distance of the items examined.
- (3) The function of the external 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

Not Applicable

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-to-fuselage fairing

I. Preparation

SUBTASK 841-002-A

EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER

- (1) 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](#)) ([Figure 603](#)) ([Figure 604](#))

SUBTASK 212-002-A

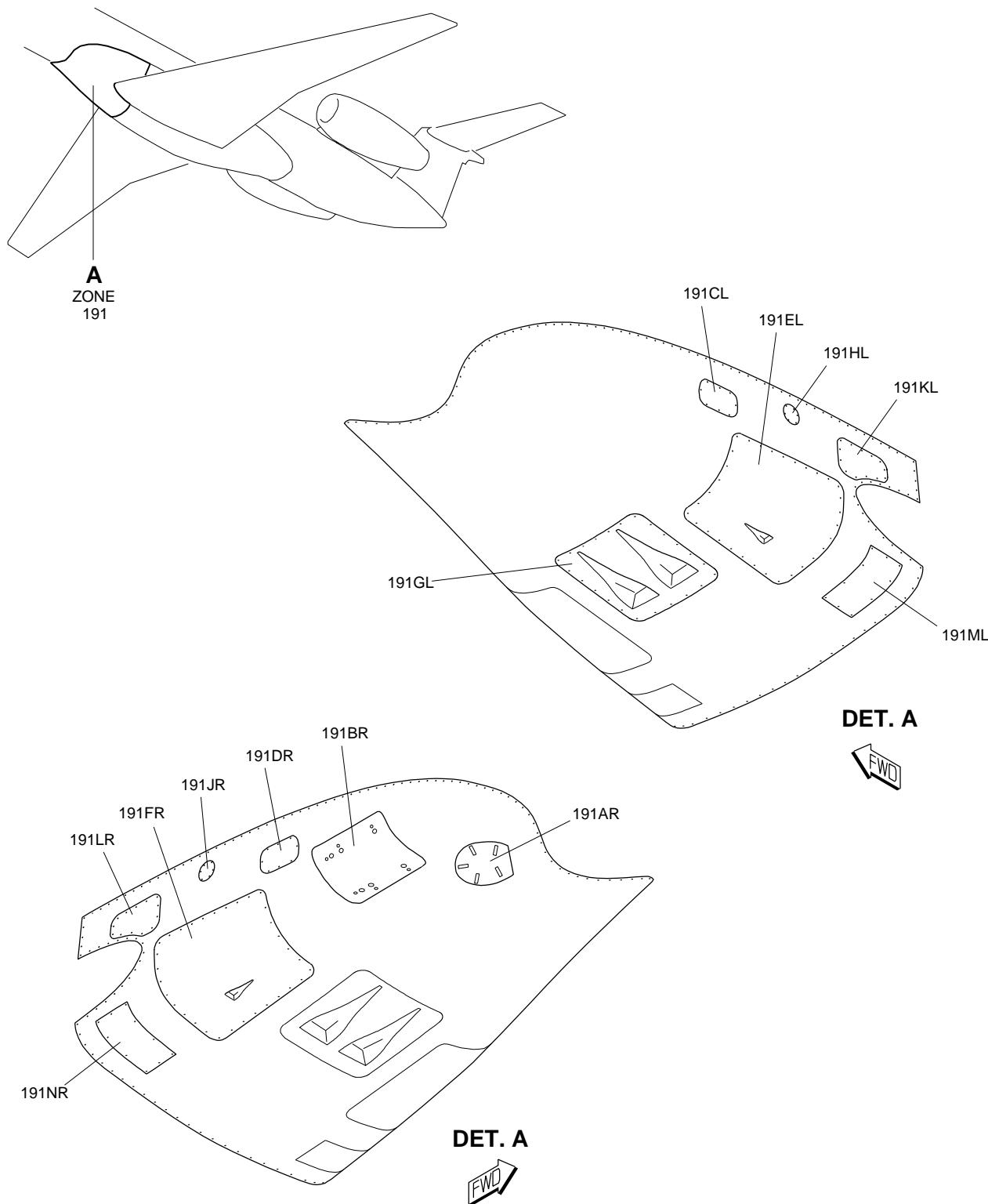
EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER

- (1) Examine the fuselage zone for loose rivets, latch condition, skin deformation, delaminations, sealant condition, scratches, nicks, cracks, dents, painting bad condition, erosion, and deteriorated protective treatment ([Figure 601](#), [Figure 602](#), [Figure 603](#), and [Figure 604](#)).
- (2) Examine the honeycomb, access door and emergency light for general condition ([Figure 604](#)).

EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER

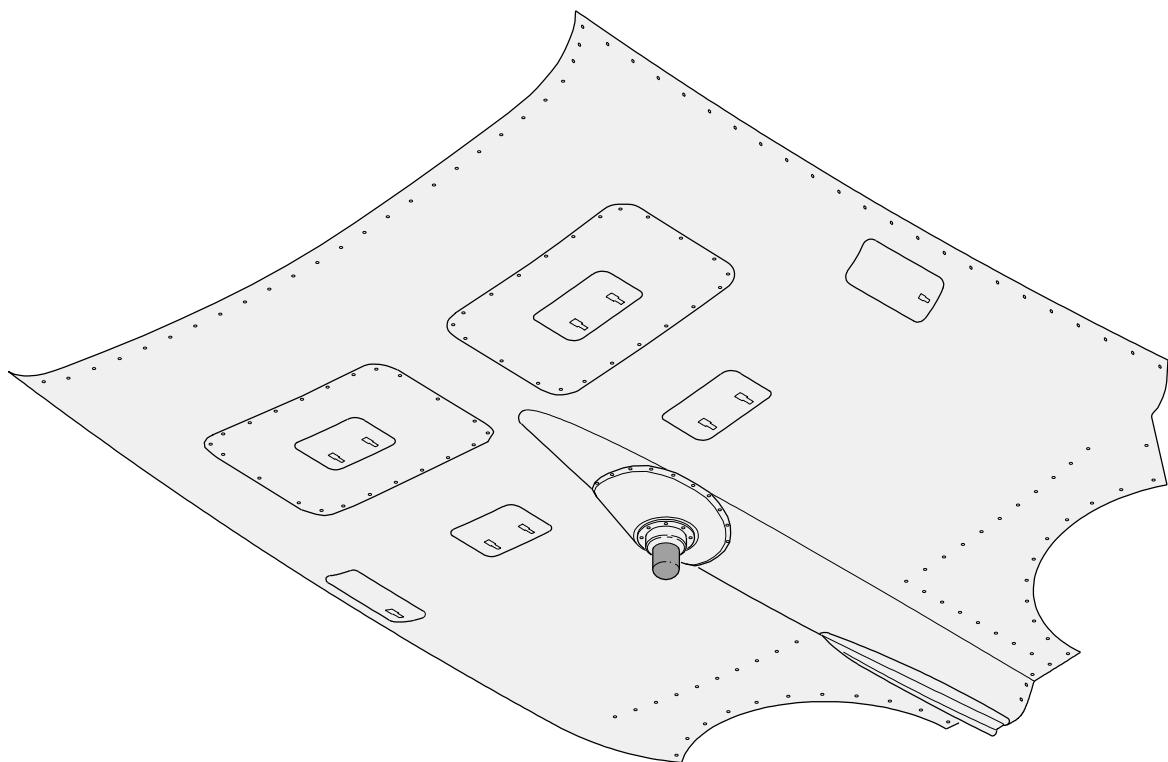
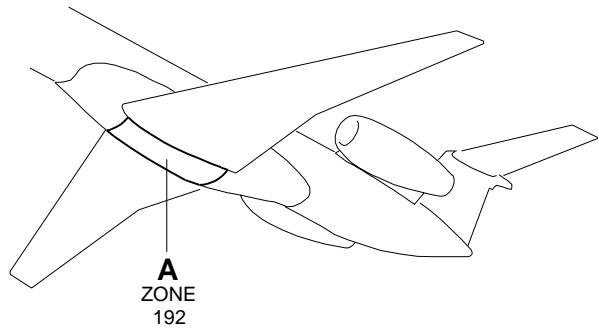
Forward Wing-to-Fuselage Fairing - External General Visual Inspection

Figure 601



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EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER
Center Wing-to-Fuselage Fairing - External General Visual Inspection
Figure 602



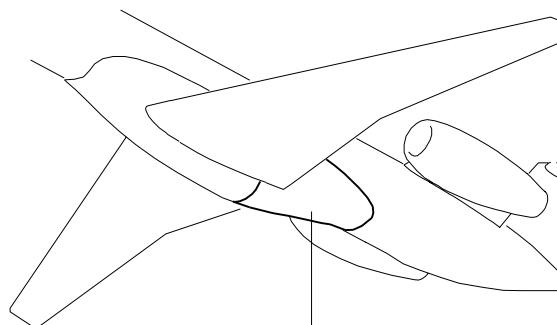
DET. A

145AMM050250.MCE

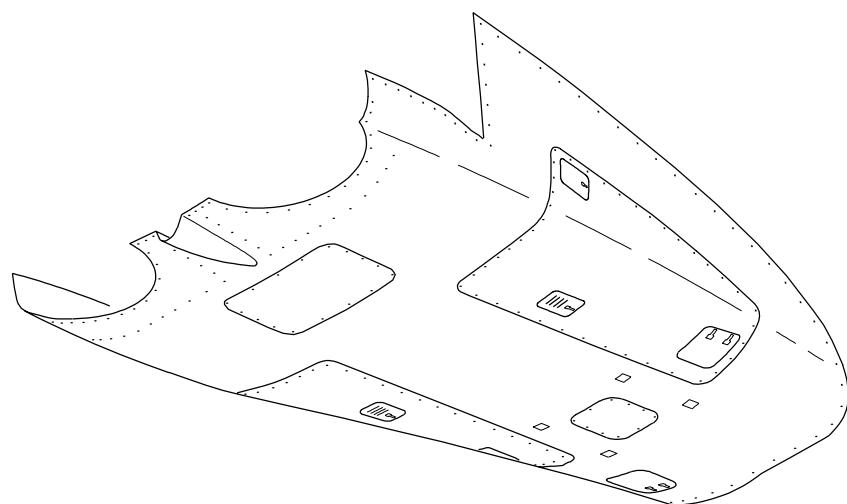
EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER

Rear Wing-to-Fuselage Fairing - External General Visual Inspection

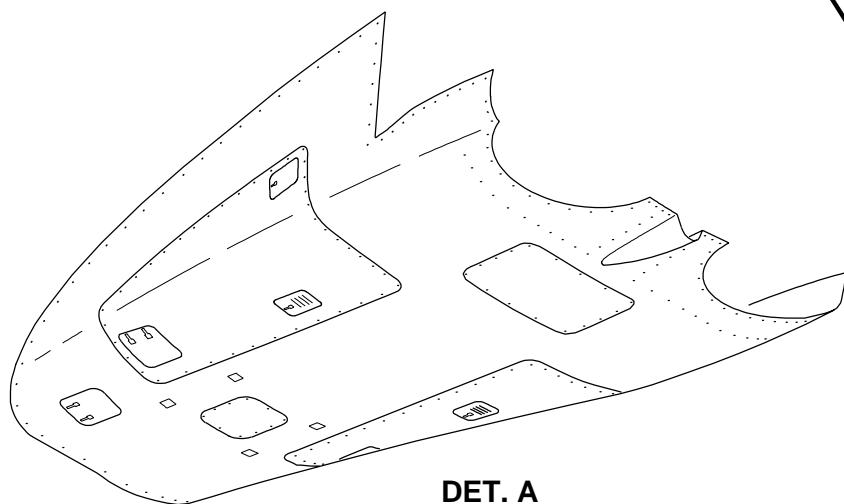
Figure 603



A
ZONE
193



DET. A



DET. A

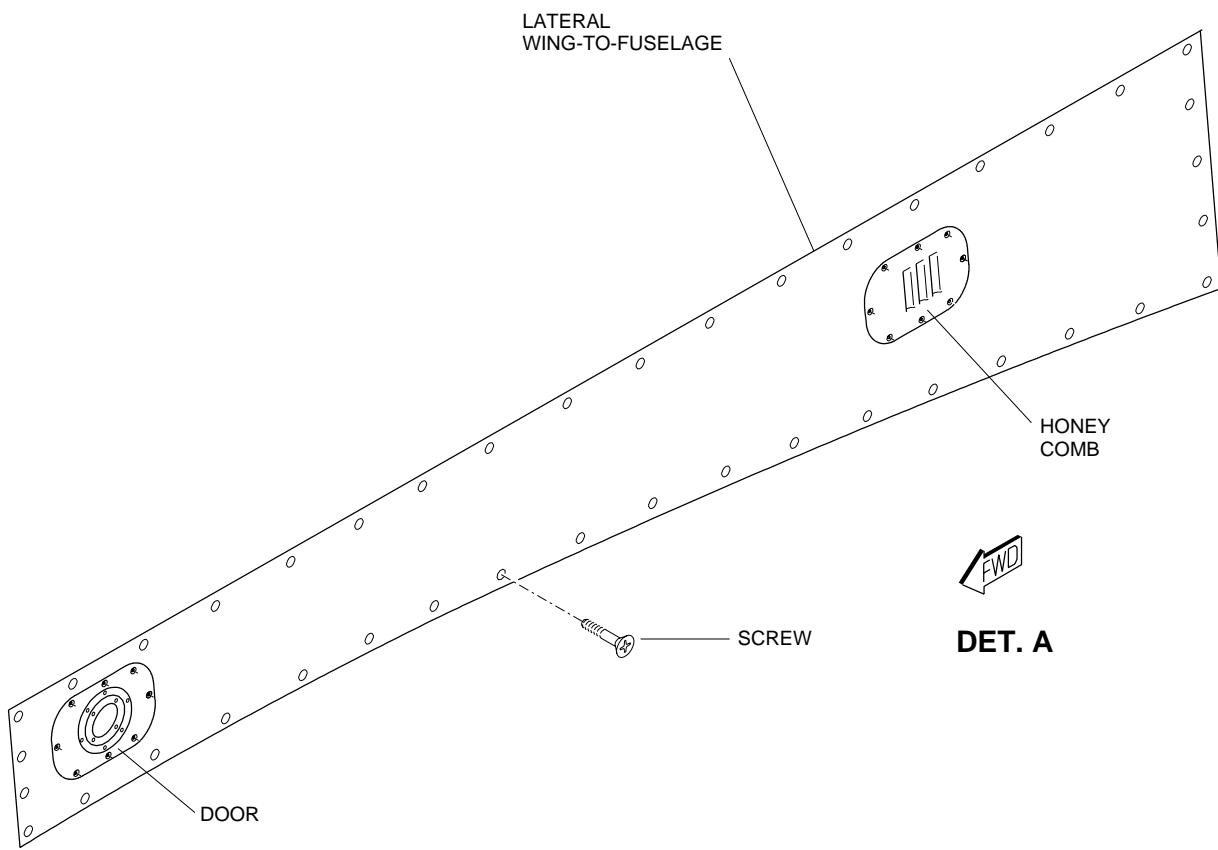
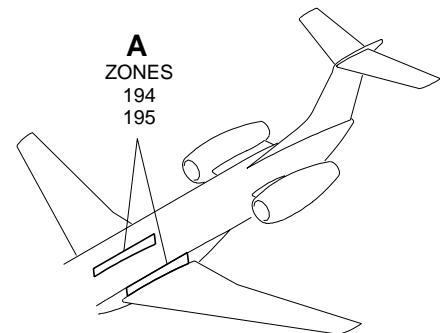


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EFFECTIVITY: EMB-145 LR/LU/MR/MP/MK/EU/EP/ER and EMB-135 LR/KE/KL/ER

Lateral Wing-to-Fuselage Fairing - External General Visual Inspection

Figure 604



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