



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

EWIS COMPONENTS IN THE WING-TO-FUSELAGE FAIRING AREA - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the visual inspection of the EWIS components in the wing-to-fuselage fairing for general condition.
- B. EFFECTIVITY: ACFT WITH DRY WINGSTUB
 - (1) Zones: 191/192/193/194/195.
- C. EFFECTIVITY: ACFT WITH WET WINGSTUB
 - (1) Zones: 191/193/194/195.
- D. Zone Boundaries ([AMM MPP 06-41-00/100 AMM MPP 06-41-00/100](#)).
- E. 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
05-40-09-200-801-A ♦	EWIS COMPONENTS IN THE WING-TO-FUSELAGE FAIRING AREA - INTERNAL GENERAL VISUAL INSPECTION	ALL



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TASK 05-40-09-200-801-A

EFFECTIVITY: ALL

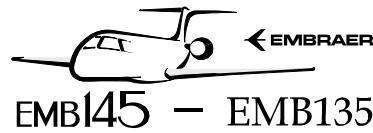
2. EWIS COMPONENTS IN THE WING-TO-FUSELAGE FAIRING AREA - INTERNAL GENERAL VISUAL INSPECTION

A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) EFFECTIVITY: ACFT WITH DRY WINGSTUB
 - (a) This task gives the instructions to do SMRD Task Number: 20-00-00-212-009-A00.
 - (b) You must do the internal general visual inspection (GVI) of forward, center, lateral, and rear wing-to-fuselage fairing, in zones 191/192/193/194/195, at a distance from which you can touch the EWIS components.
- (3) EFFECTIVITY: ACFT WITH WET WINGSTUB
 - (a) This task gives the instructions to do SMRD Task Number: 20-00-00-212-010-A00.
 - (b) You must do the internal general visual inspection (GVI) of forward, lateral, and rear wing-to-fuselage fairing, in zones 191/193/194/195, at a distance from which you can touch the EWIS components.
- (4) The function of the internal general visual inspection (GVI) is to find damage, failure, or irregular conditions that can be easily seen.
- (5) Do not unlac or displace the electrical wiring and components during the inspections.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 53-04-01-000-801-A/400	FORWARD WING-TO-FUSELAGE FAIRING - REMOVAL
AMM TASK 53-04-01-400-801-A/400	FWD WING-TO-FUSELAGE FAIRING - INSTALLATION
AMM TASK 53-04-10-000-801-A/400	CENTER WING-TO-FUSELAGE FAIRING - REMOVAL
AMM TASK 53-04-10-400-801-A/400	CENTER WING-TO-FUSELAGE FAIRING - INSTALLATION
AMM TASK 53-04-20-000-801-A/400	LATERAL WING-TO-FUSELAGE FAIRING - REMOVAL
AMM TASK 53-04-20-400-801-A/400	LATERAL WING-TO-FUSELAGE FAIRING - INSTALLATION
AMM TASK 53-04-30-000-801-A/400	-
WM 20-22-00	-



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C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
191	-	Forward wing-to-fuselage fairing
192	-	Center wing-to-fuselage fairing, if applicable
193	-	Rear wing-to-fuselage fairing
194	-	Lateral wing-to-fuselage fairing
195	-	Lateral wing-to-fuselage fairing

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Flashlight	To make the inspection of the area easier	

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 area

I. Preparation

SUBTASK 841-002-A

EFFECTIVITY: ACFT WITH DRY WINGSTUB

- (1) Identify the wing-to-fuselage fairings at zones 191/192/193/194/195 (AMM MPP 06-41-01/100).
- (2) Remove the forward wing-to-fuselage fairing (AMM TASK 53-04-01-000-801-A/400).
- (3) Remove the center wing-to-fuselage fairing (AMM TASK 53-04-10-000-801-A/400).
- (4) Remove the lateral wing-to-fuselage fairings (AMM TASK 53-04-20-000-801-A/400).
- (5) Remove the rear wing-to-fuselage fairing (AMM TASK 53-04-30-000-801-A/400).

J. Preparation

SUBTASK 841-003-A

EFFECTIVITY: ACFT WITH WET WINGSTUB

- (1) Identify the wing-to-fuselage fairings at zones 191/193/194/195 (AMM MPP 06-41-01/100).



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- (2) Remove the forward wing-to-fuselage fairing ([AMM TASK 53-04-01-000-801-A/400](#)).
- (3) Remove the lateral wing-to-fuselage fairings ([AMM TASK 53-04-20-000-801-A/400](#)).
- (4) Remove the rear wing-to-fuselage fairing (AMM TASK 53-04-30-000-801-A/400).

K. EWIS Components in the Wing-to-Fuselage Fairing Area - Internal General Visual Inspection ([Figure 601](#)) ([Figure 602](#)) ([Figure 603](#)) ([Figure 604](#))

SUBTASK 212-002-A

- (1) Do a general visual inspection on the EWIS components, wiring bundles, and connected EWIS at wing-to-fuselage fairing, for signs of damage, adequate installation, chafing and general condition. Refer to WM 20-22-00.

L. Follow-on

SUBTASK 842-002-A

EFFECTIVITY: ACFT WITH DRY WINGSTUB

- (1) Install the forward wing-to-fuselage fairing ([AMM TASK 53-04-01-400-801-A/400](#)).
- (2) Install the center wing-to-fuselage fairing ([AMM TASK 53-04-10-400-801-A/400](#)).
- (3) Install the lateral wing-to-fuselage fairings ([AMM TASK 53-04-20-400-801-A/400](#)).
- (4) Install the rear wing-to-fuselage fairing (AMM TASK 53-04-30-000-801-A/400).

M. Follow-on

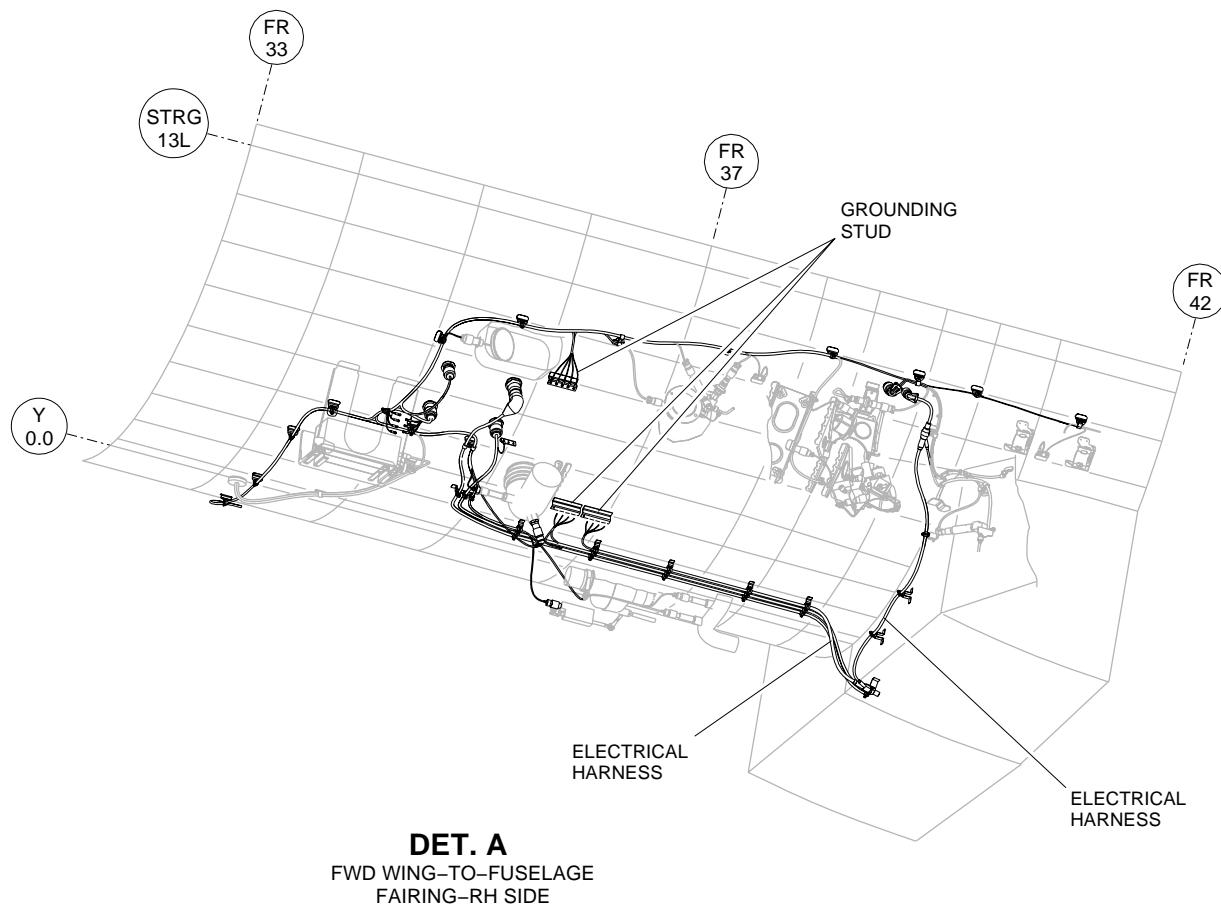
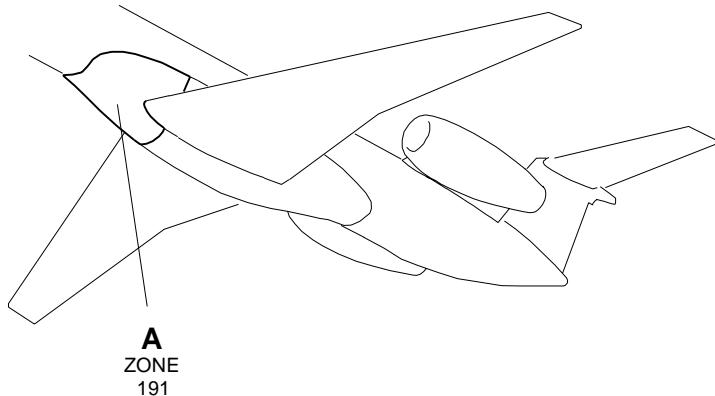
SUBTASK 842-003-A

EFFECTIVITY: ACFT WITH WET WINGSTUB

- (1) Install the forward wing-to-fuselage fairing ([AMM TASK 53-04-01-400-801-A/400](#)).
- (2) Install the lateral wing-to-fuselage fairings ([AMM TASK 53-04-20-400-801-A/400](#)).
- (3) Install the rear wing-to-fuselage fairing (AMM TASK 53-04-30-000-801-A/400).

EFFECTIVITY: ALL

EWIS Components in the Forward Wing-to-Fuselage Fairing Area- Internal General Visual Inspection
Figure 601 - Sheet 1

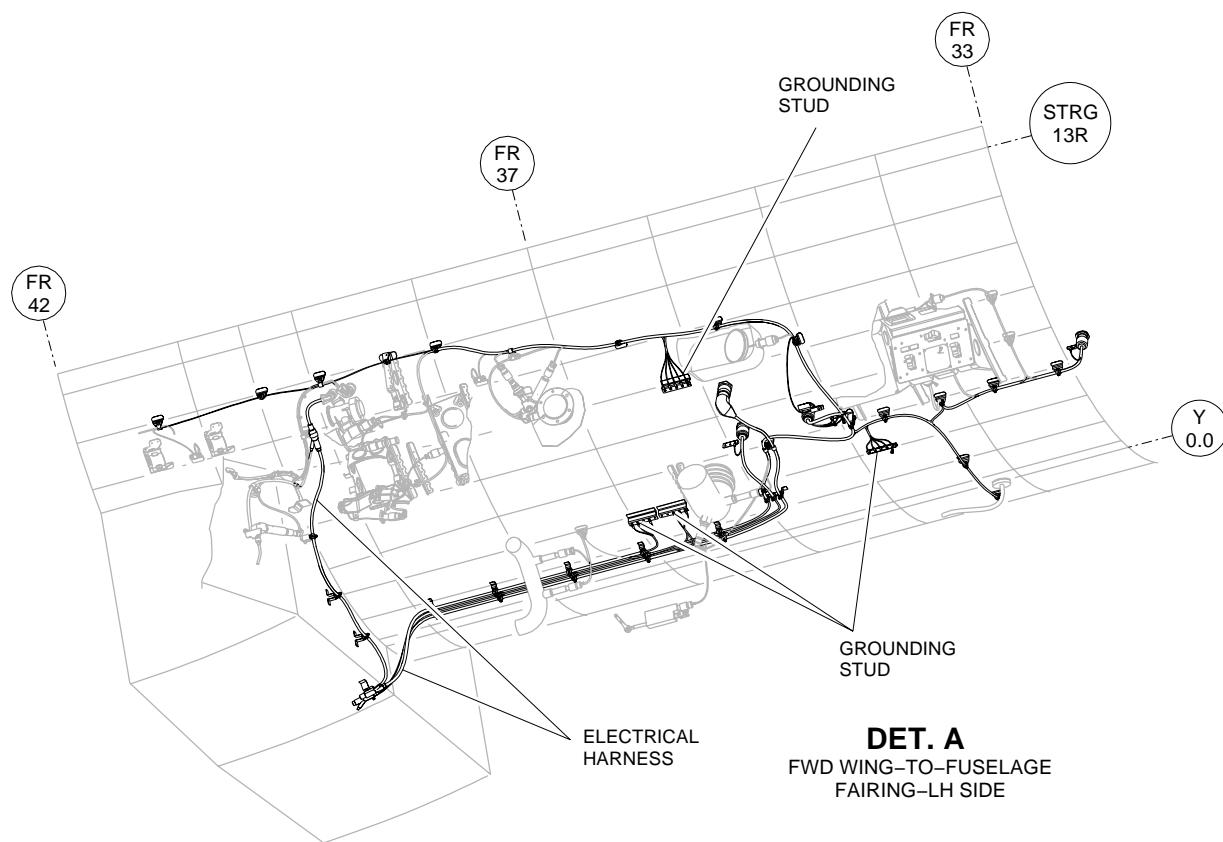
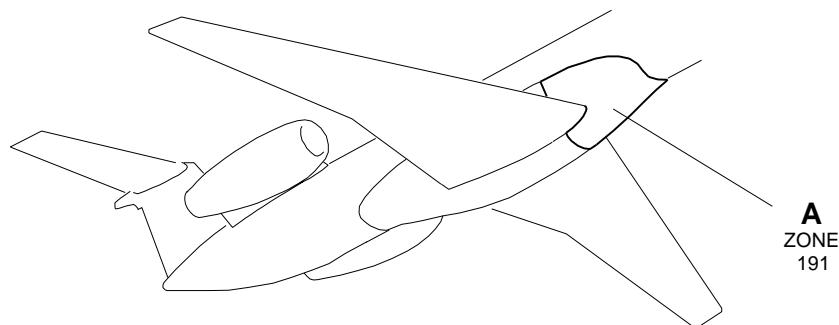


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EFFECTIVITY: ALL

EWIS Components in the Forward Wing-to-Fuselage Fairing Area- Internal General Visual Inspection

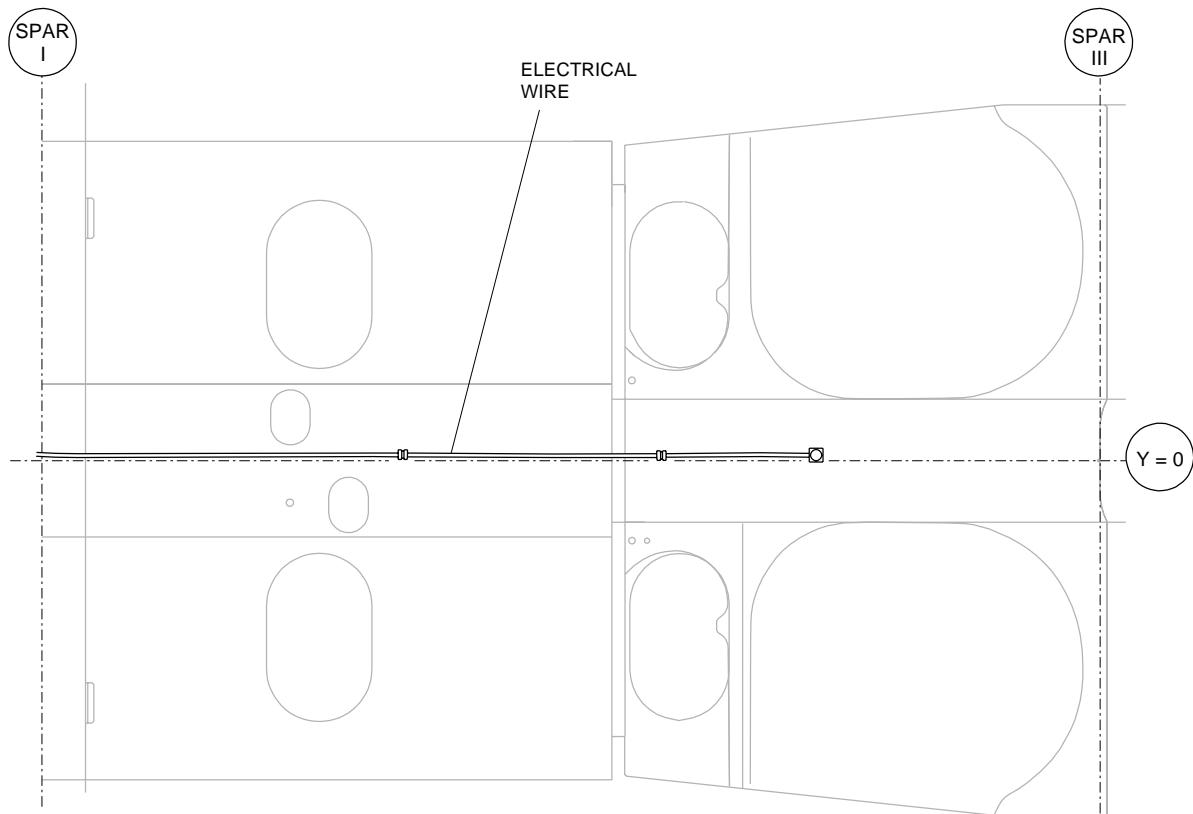
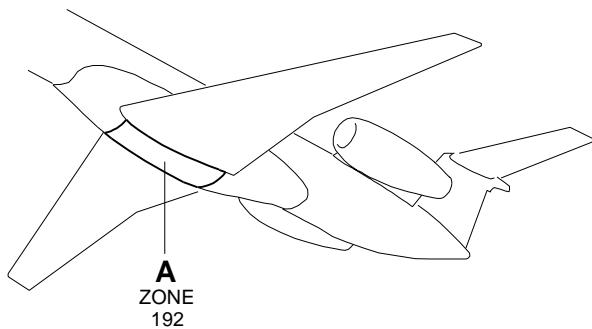
Figure 601 - Sheet 2



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EFFECTIVITY: ACFT WITH DRY WINGSTUB

EWIS Components in the Center Wing-to-Fuselage Fairing Area- Internal General Visual Inspection
Figure 602

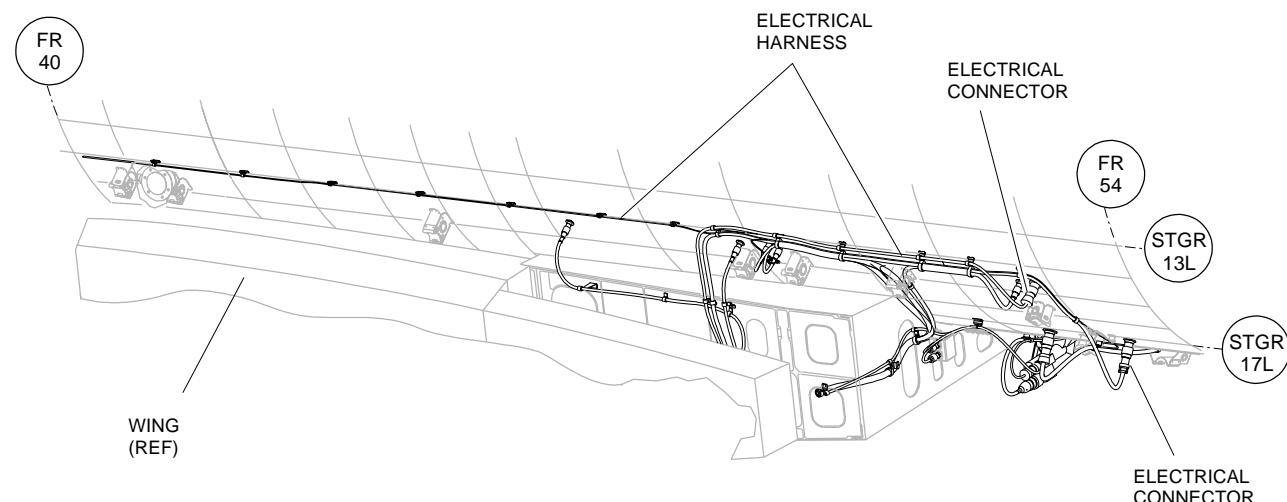
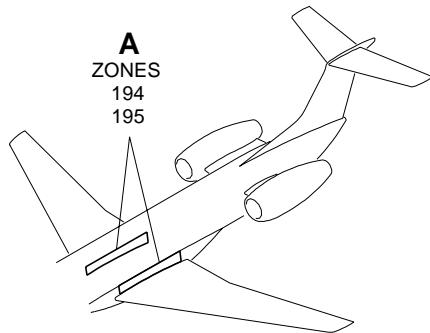


DET. A
(BOTTOM VIEW)
CENTER WING-TO-FUSELAGE
FAIRING

EM145AMM050737A.DGN

EFFECTIVITY: ALL

EWIS Components in the Lateral Wing-to-Fuselage Fairing Area- Internal General Visual Inspection
Figure 603



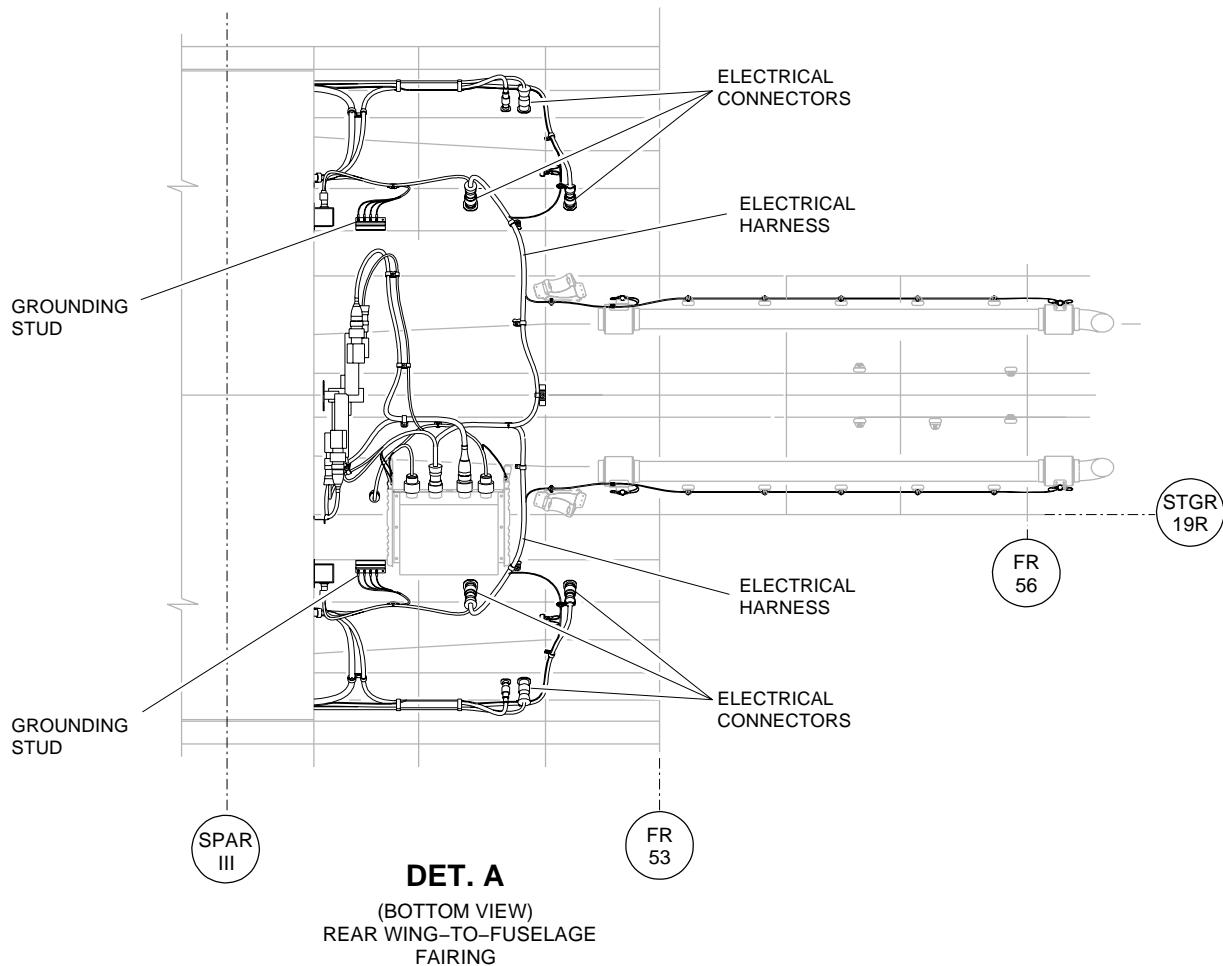
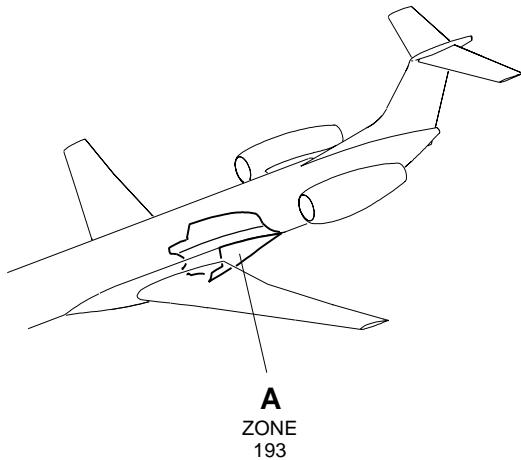
**DET. A
(TYPICAL)**

WING-TO-FUSELAGE
FAIRING RH AND LH SIDES

EM145AMM050733B.DGN

EFFECTIVITY: ALL

EWIS Components in the Rear Wing-to-Fuselage Fairing Area -Internal General Visual Inspection
Figure 604



EM145AMM050734A.DGN

