

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 |

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 unlace 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 | - |

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).

- (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

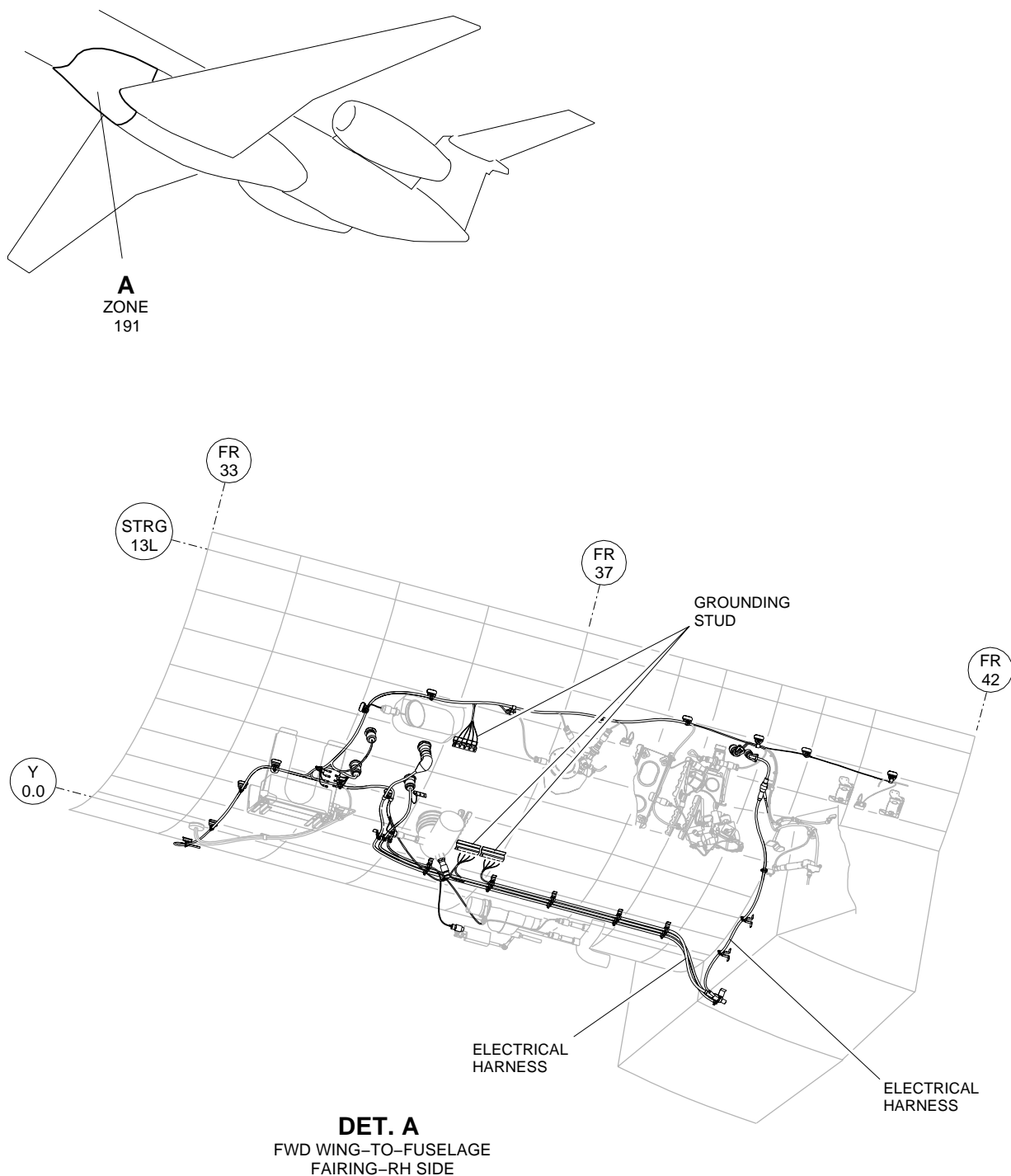
EFFECTIVITY: ACFT WITH WET WINGSTUB

- (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

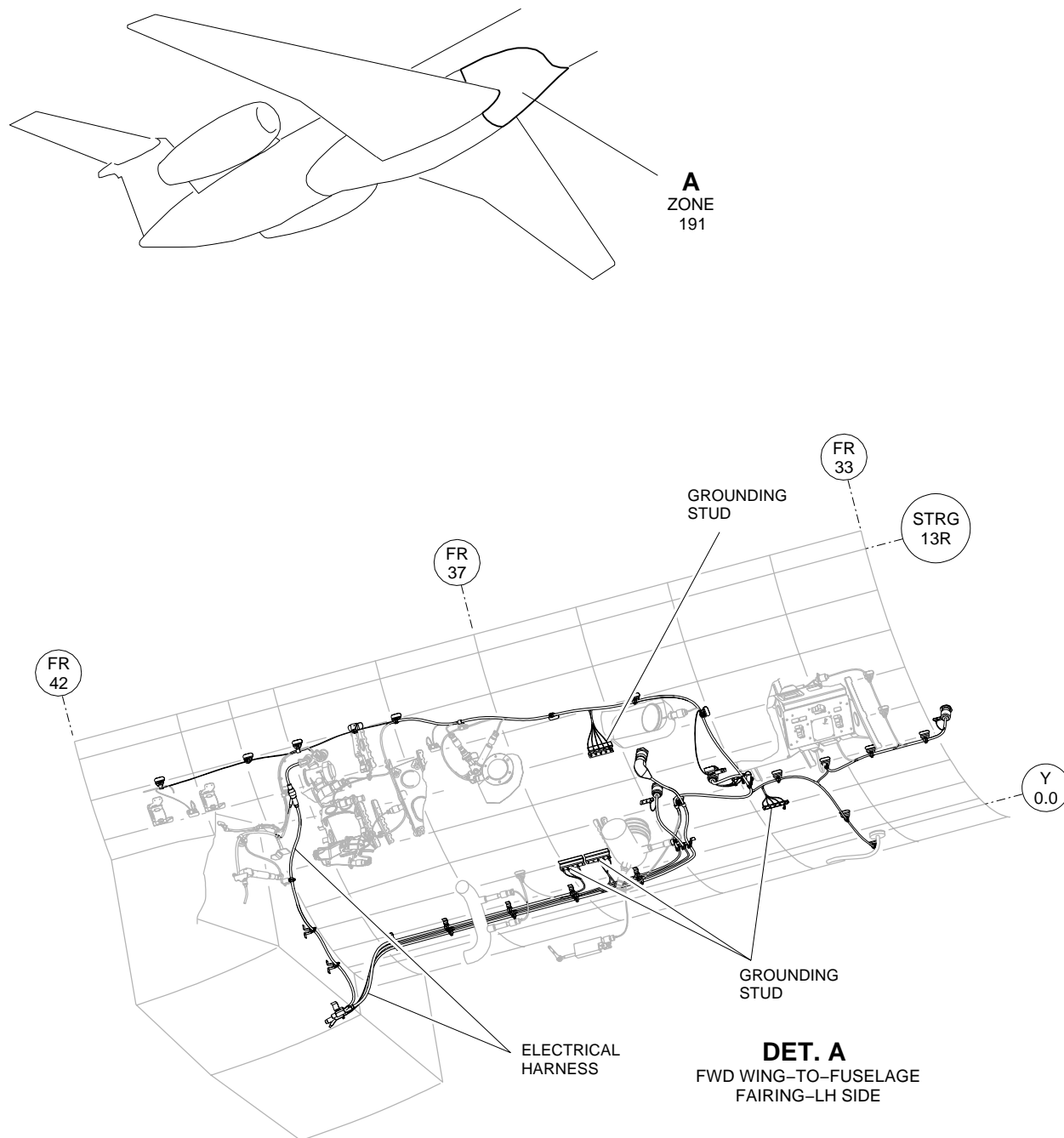


EM145AMM050730A.DGN

EFFECTIVITY: ALL

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

Figure 601 - Sheet 2

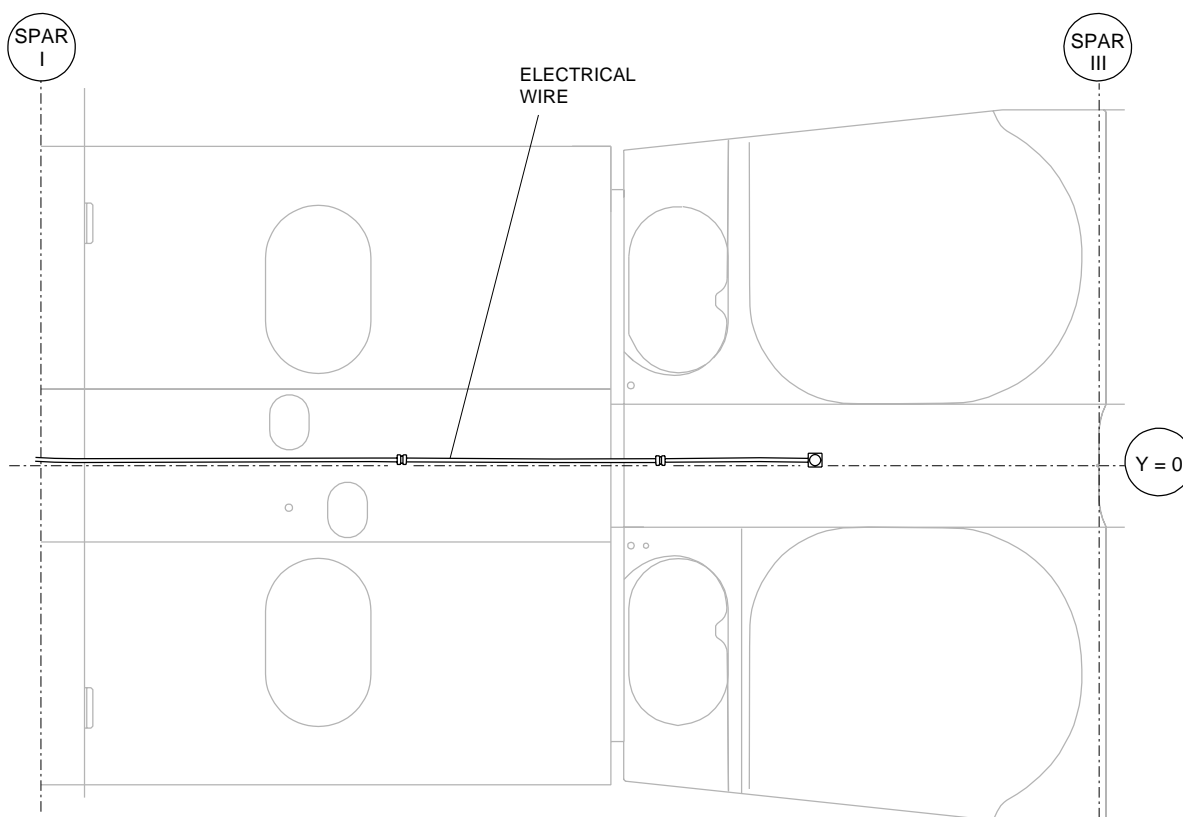
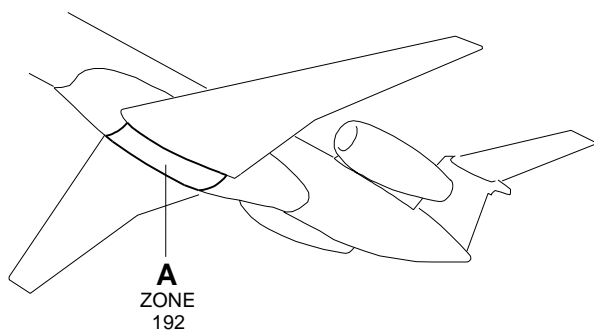


EM145AMM050731A.DGN

EFFECTIVITY: ACFT WITH DRY WINGSTUB

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

Figure 602

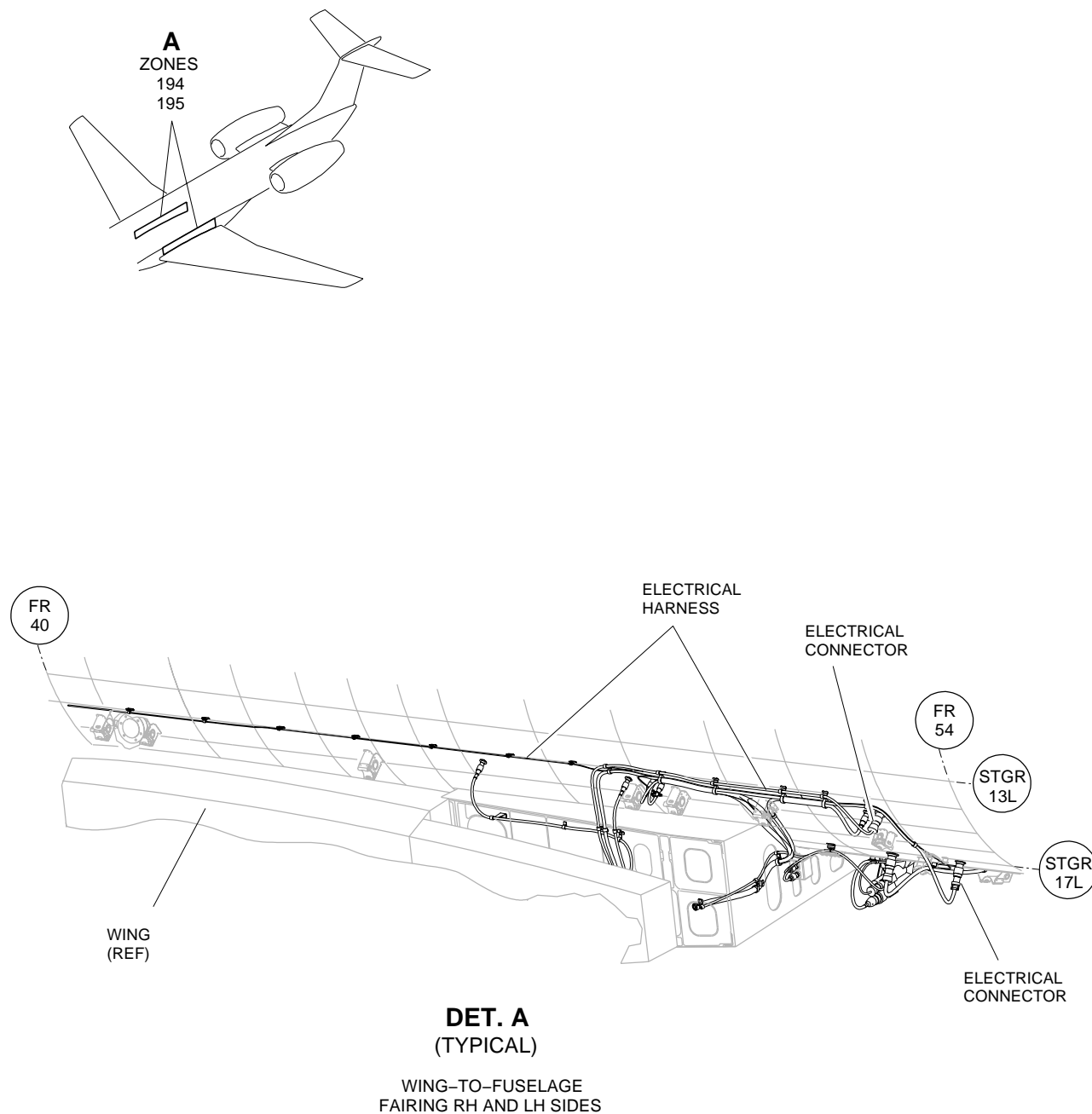


DET. A
 (BOTTOM VIEW)
 CENTER WING-TO-FUSELAGE
 FAIRING

EM145AMM050737A.DGN

EFFECTIVITY: ALL

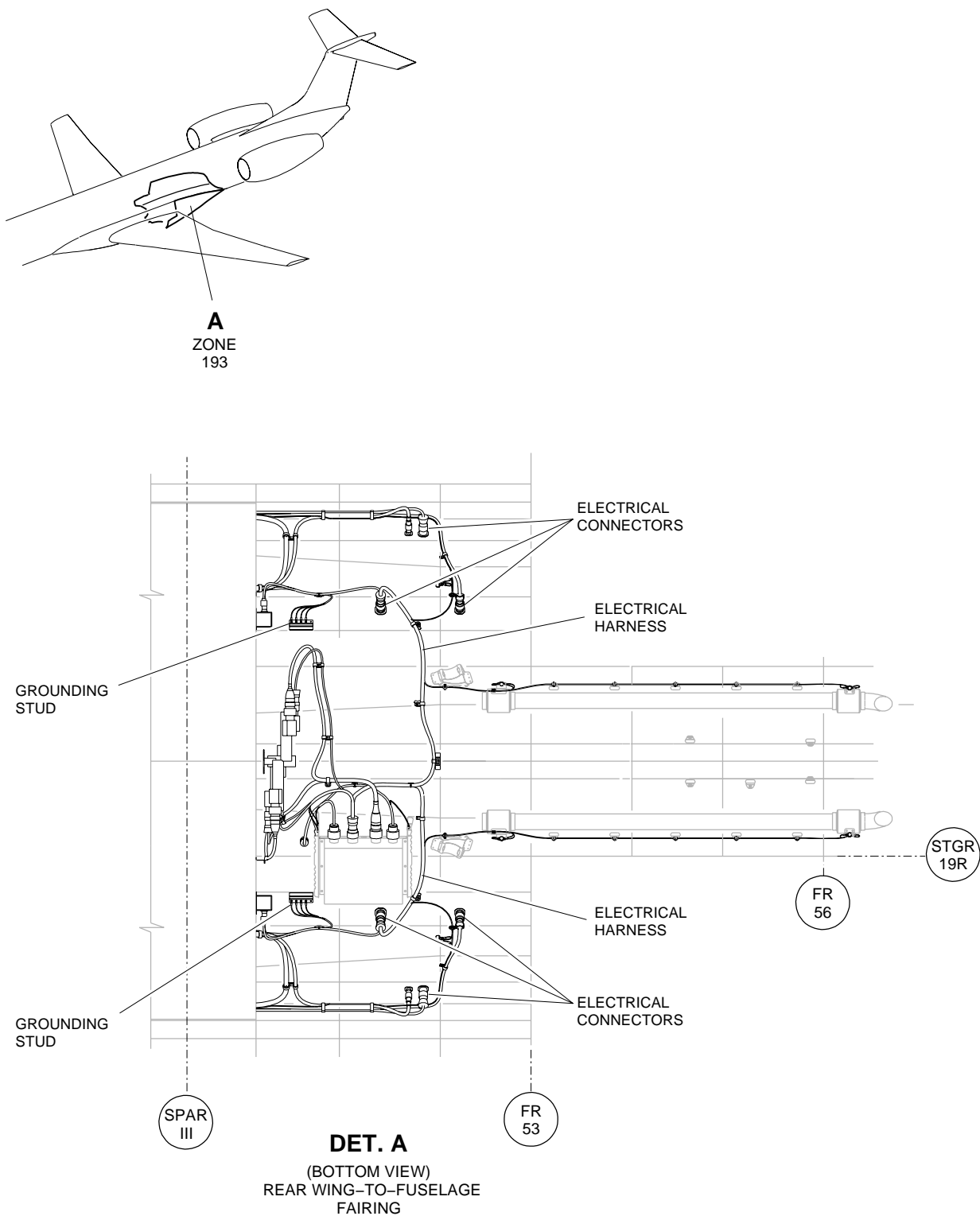
EWIS Components in the Lateral Wing-to-Fuselage Fairing Area- Internal General Visual Inspection
Figure 603



EM145AMM050733B.DGN

EFFECTIVITY: ALL

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



EM145AMM050734A.DGN

