

## EWIS COMPONENTS IN THE ENGINE PYLON - INSPECTION/CHECK

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to do the visual inspection of the EWIS components in the engine pylon.
- B. Related Zones: 414/424.
- C. Zone Boundaries ( [AMM MPP 06-43-00/100](#)).
- 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
<a href="#">05-40-15-200-801-A</a> ♦	EWIS COMPONENTS IN THE PYLON - INTERNAL GENERAL VISUAL INSPECTION	ALL

TASK 05-40-15-200-801-A

EFFECTIVITY: ALL

## 2. EWIS COMPONENTS IN THE PYLON - INTERNAL GENERAL VISUAL INSPECTION

### A. General

- (1) This procedure obeys the EWIS ICA requirement.
- (2) This task gives the instructions to do SMRD Task Number: 20-00-00-212-013-A00.
- (3) You must do the internal general visual inspection of the pylons, in zones 414/424, at a distance from which you can touch the engine generator power cables and wiring bundles.
- (4) The function of the internal general visual inspection 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.
- (6) Refer to the preparation subtask for access panel information.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 06-43-00/100</a>	- COMPONENT LOCATION
WM 20-22-00	-

### C. Zones and Accesses

Not Applicable

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Standard	Flashlight	To make the inspection of the related area easier	
Standard	Ladder	To get access to the related 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	Pylon

I. Preparation

*SUBTASK 841-002-A*

- (1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:
  - START 1/2.
  - THRUST REVERSER 1/2, if applicable.
  - FADEC 1A/2A.
  - FADEC 1B/2B.
- (2) Put the ladder in position.
- (3) Identify and remove the pylon panels in subzones 410 and 420 ( [AMM MPP 06-43-00/100](#)) that give access to zones 414 and 424.

J. EWIS Components in the Pylon - Internal General Visual Inspection ([Figure 601](#)) ([Figure 602](#))

*SUBTASK 212-002-A*

- (1) Do a general visual inspection on the engine-generator power cables, wiring bundles, and connected EWIS in the pylon for signs of damage, incorrect installation, chafing, and unsatisfactory general condition. Refer to WM 20-22-00.

K. Follow-on

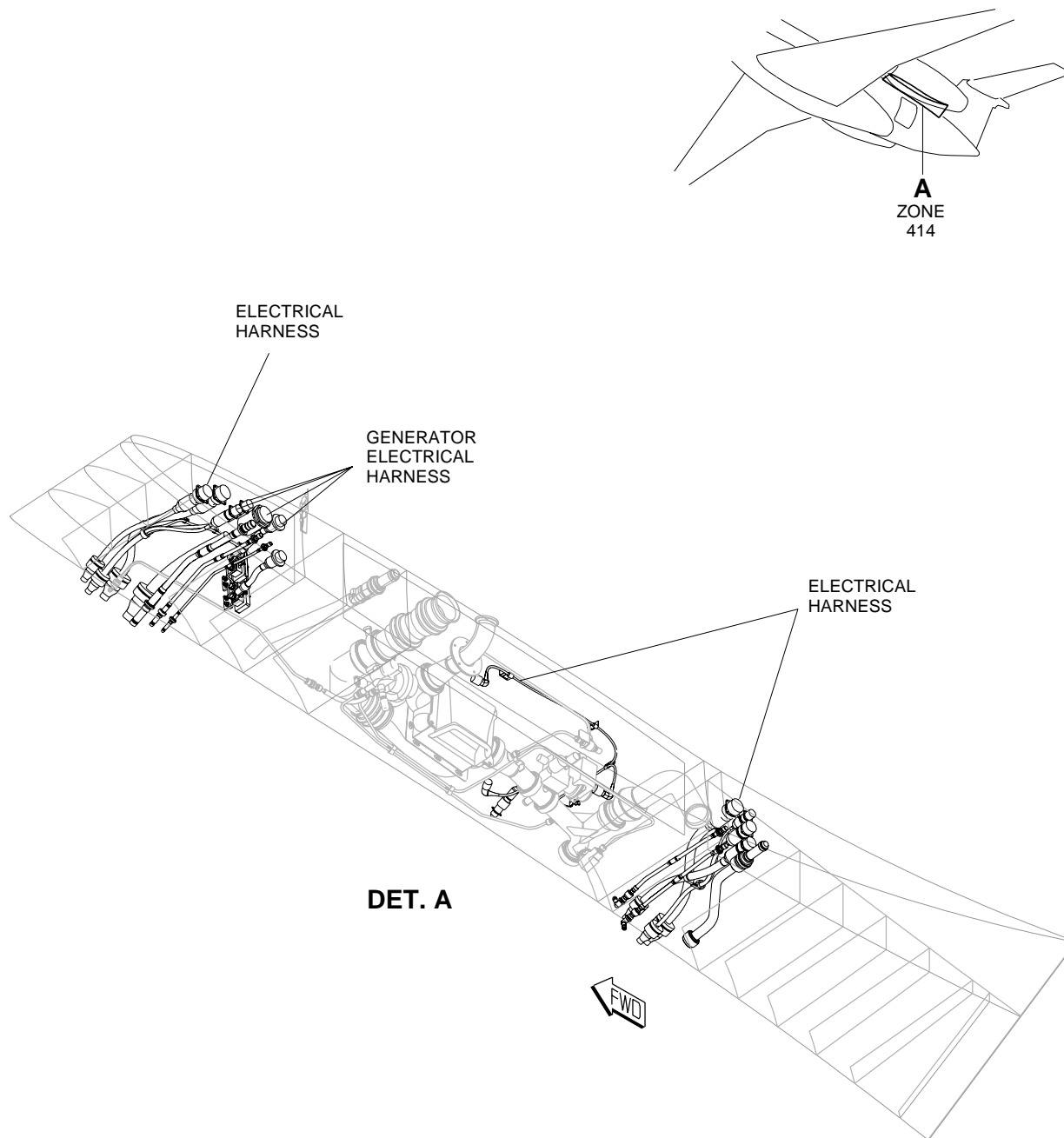
*SUBTASK 842-002-A*

- (1) Install the pylon panels in subzones 410 and 420 ( [AMM MPP 06-43-00/100](#)) that give access to zones 414 and 424.
- (2) Remove the ladder.
- (3) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - START 1/2.
  - THRUST REVERSER 1/2, if applicable.
  - FADEC 1A/2A.
  - FADEC 1B/2B.

**EFFECTIVITY: ALL**

**EWIS Components in the Pylon - Internal General Visual Inspection**

**Figure 601**

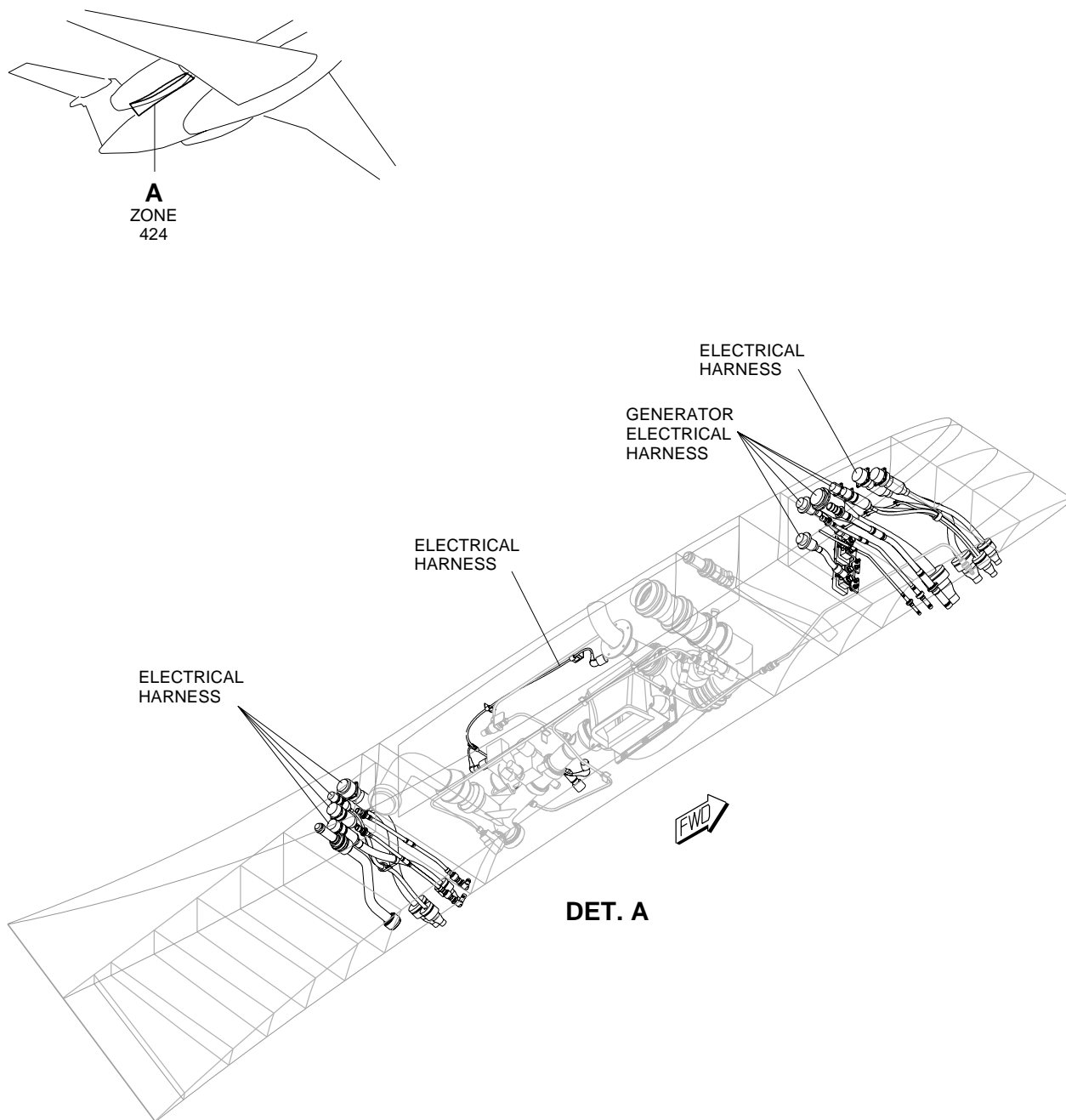


EM145AMM050775A.DGN

EFFECTIVITY: ALL

EWIS Components in the Pylon - Internal General Visual Inspection

Figure 602



EM145AMM050776A.DGN

