

POWERPLANT - INSPECTION/CHECK

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do a check on the powerplant for operation, after an engine removal/installation procedure.
- B. 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
71-00-00-200-801-A	ENGINE STATIC CHECKS	ALL

TASK 71-00-00-200-801-A

EFFECTIVITY: ALL

2. ENGINE STATIC CHECKS

A. General

- (1) This task gives the procedures which will permit you to do the checks on the powerplant for correct operation.
- (2) The procedures given here are applicable to the LH and RH engines.
- (3) The procedures given here are applicable to new or not new engines.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM MPP 78-30-00/200	- MAINTENANCE PRACTICES
AMM TASK 12-12-01-600-801-A/300	ENGINE - SERVICING
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
AMM TASK 26-10-00-700-801-A/500	-
AMM TASK 26-10-00-700-802-A/500	-
AMM TASK 26-21-06-200-801-A/600	DISCHARGE PIPING OF ENGINE FIRE EXTINGUISHING SYSTEM - VISUAL INSPECTION
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING
AMM TASK 71-51-01-200-801-A/600	ENGINE HARNESS - VISUAL INSPECTION
AMM TASK 78-31-01-700-801-A/500	THRUST REVERSER - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH Engine lower cowl
423		RH Engine lower cowl
223	Maintenance panel	Cockpit

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the engine	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit/Engine

I. Preparation

SUBTASK 841-002-A

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 71-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

- (1) Put the workstand in the work area.
- (2) Open the engine lower cowling ([AMM TASK 71-12-01-000-801-A/400](#)).
- (3) Energize the aircraft with a DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Engine Static Checks ([Figure 601](#))

SUBTASK 211-002-A

CAUTION: MAKE SURE THAT THE ENGINE HARNESSSES ARE CORRECTLY ATTACHED AND THERE IS NO CHAFING AGAINST THE ENGINE COMPONENTS, COWLINGS OR PYLON STRUCTURE. THIS CAN CAUSE SERIOUS PROBLEMS TO THE CORRECT ENGINE OPERATION.

- (1) Do a visual check on all electrical connectors and electrical power cables in the pylon to make sure that they are correctly installed and attached ([AMM TASK 71-51-01-200-801-A/600](#)). If necessary, correct.
- (2) Do a visual check in the hydraulic hoses for correct installation and security. If necessary, correct.
- (3) Do a check on the thrust reverser hydraulic hoses to make sure that they are correctly installed and attached. If necessary, correct.
- (4) Do a visual check on the fire extinguishing tubing, in the engine ([AMM TASK 26-21-06-200-801-A/600](#)).

CAUTION: MAKE SURE THAT THERE IS FUEL IN THE AIRCRAFT FUEL TANKS TO PREVENT DAMAGE TO THE FUEL PUMPS.

- (5) Start the electrical fuel pump and examine the engine fuel-feed line connection from the pylon to the FPMU for leakage. If necessary, correct.
- (6) Stop the electrical fuel pump.

WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 78-30-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.

- (7) If applicable, do an operational check on the thrust reverser for correct operation ([AMM TASK 78-31-01-700-801-A/500](#)). If necessary, correct.
- (8) Do an operational check on the Fire Detection System (AMM TASK 26-10-00-700-801-A/500) or (AMM TASK 26-10-00-700-802-A/500) as applicable.
- (9) Do a check on the engine oil level. Fill as necessary ([AMM TASK 12-12-01-600-801-A/300](#)).

K. Follow-on

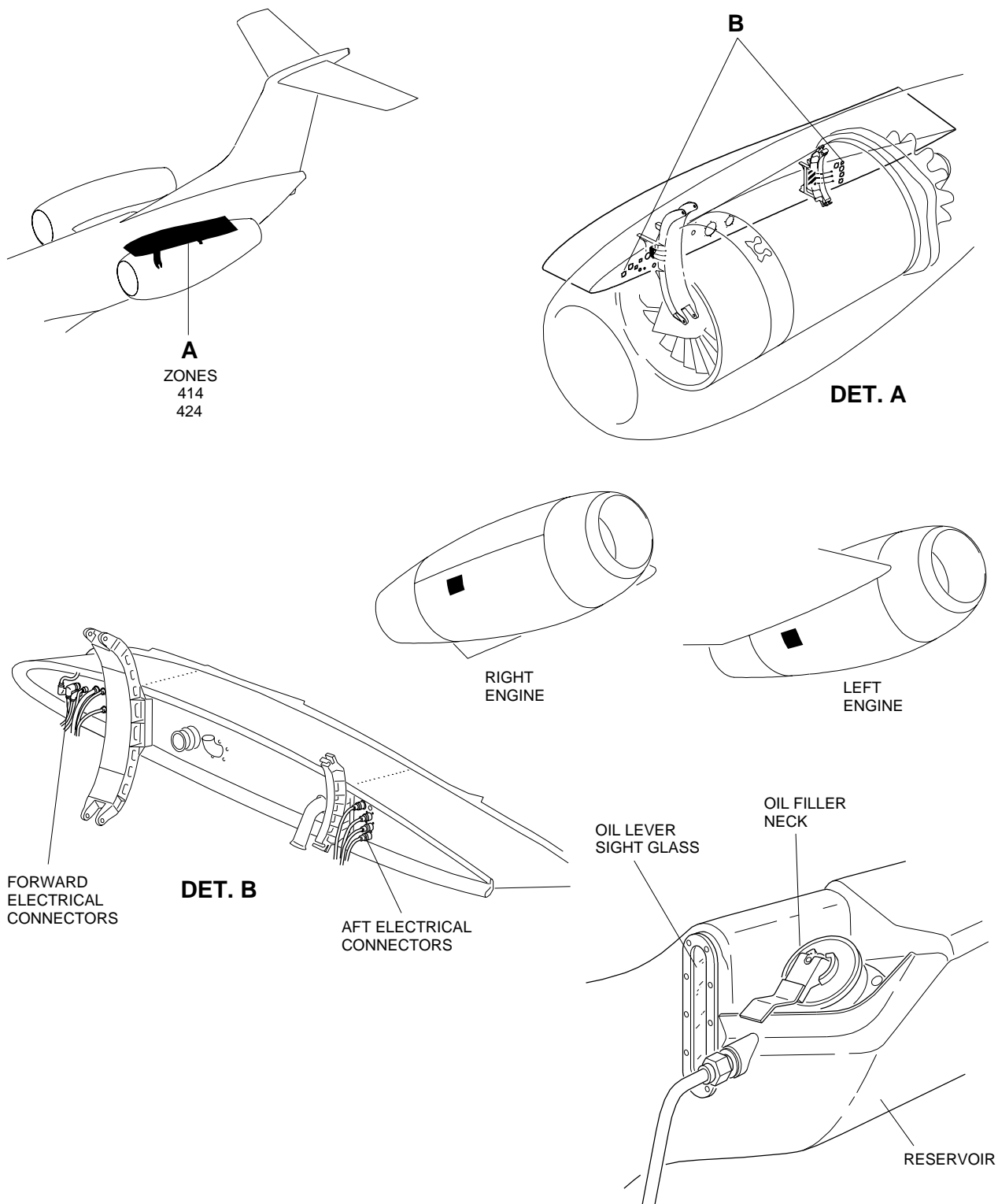
SUBTASK 842-002-A

- (1) Close the engine lower cowling ([AMM TASK 71-12-01-400-801-A/400](#)).
- (2) Remove the workstand from the work area.
- (3) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL

Engine Static Checks - Component Locations

Figure 601 - Sheet 1

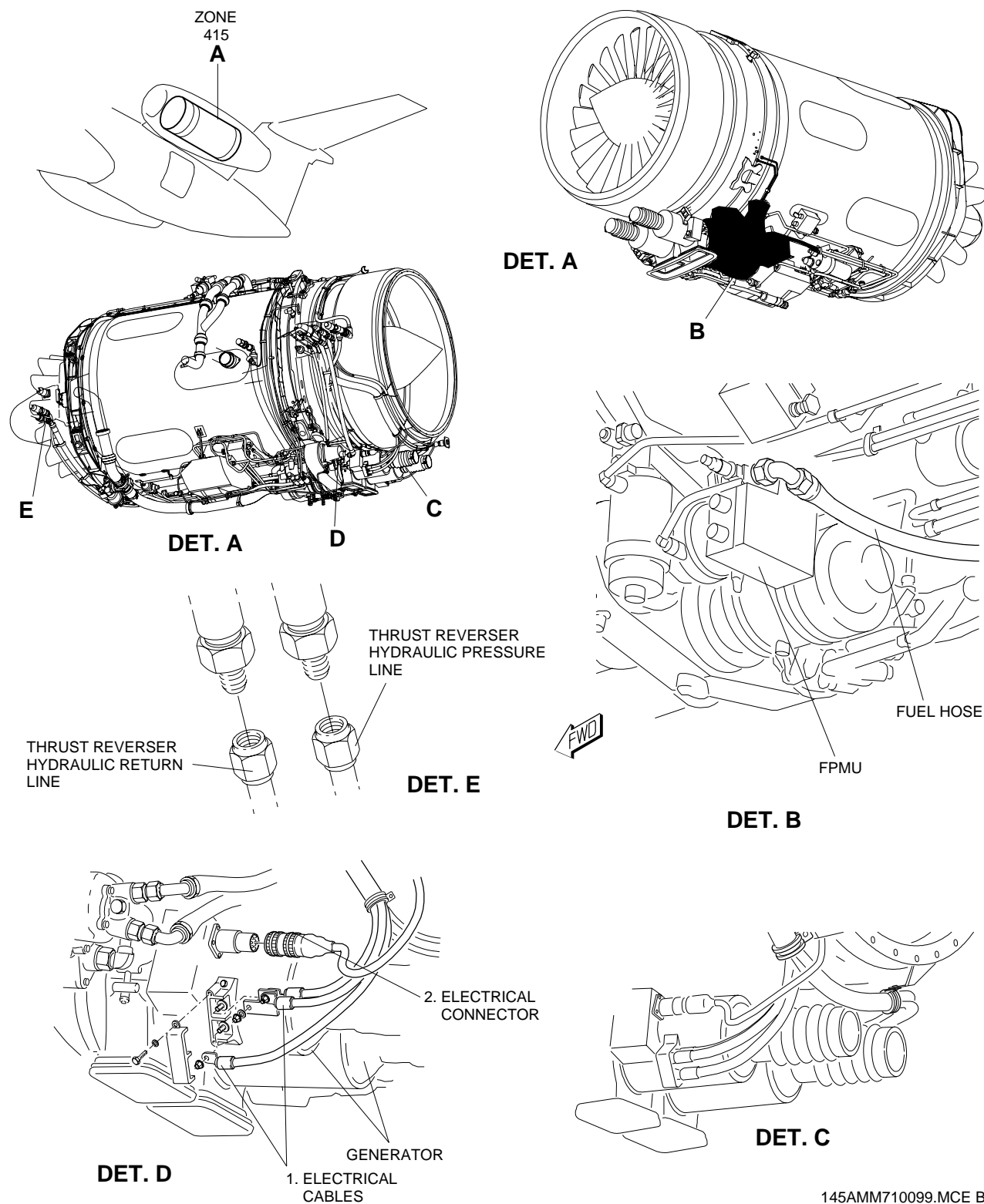


145AMM710098.MCE A

EFFECTIVITY: ALL

Engine Static Checks - Component Locations

Figure 601 - Sheet 2



145AMM710099.MCE B