



AIRCRAFT MAINTENANCE MANUAL

AIRCRAFT ENERGIZATION BY PNEUMATIC EXTERNAL POWER - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to connect a pneumatic start unit to the aircraft.
- 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
20-40-03-860-801-A	CONNECT THE PNEUMATIC START UNIT ALL TO THE AIRCRAFT	



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TASK 20-40-03-860-801-A

EFFECTIVITY: ALL

2. CONNECT THE PNEUMATIC START UNIT TO THE AIRCRAFT

A. General

- (1) The pneumatic start unit is connected to the aircraft through the receptacle installed on the right side of the fuselage rear.
- (2) [Figure 201](#) shows the location of the access door of the receptacle for connection of the pneumatic start unit.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272CR	Rear External Fuselage - RH

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 187	Pneumatic Start Unit (Electrical Engine)	To Start the Engine	
GSE 188	Pneumatic Start Unit (Diesel Engine)	To Start the Engine	

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	On the right side of the fuselage rear

I. Preparation ([Figure 201](#))

SUBTASK 841-002-A

- (1) Open the access door 272CR (AMM MPP 06-41-01/100).
- (2) Connect the hose of the Pneumatic Start Unit GSE 187 or GSE 188 to the receptacle.



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J. Start of the Pneumatic Start Unit ([Figure 201](#))

SUBTASK 861-002-A

CAUTION: • MAKE SURE IT IS SAFE TO START THE PNEUMATIC START UNIT.

- IF YOUR EQUIPMENT DOES NOT HAVE AN ADJUSTMENT FEATURE, MAKE SURE THAT THE PRESSURE IT SUPPLIES IS NOT HIGHER THAN 100 PSI NOT TO CAUSE DAMAGE TO THE PNEUMATIC SYSTEM TUBES.

- (1) Set the Pneumatic Start Unit to on, at a pressure between 40 and 45 PSI.

NOTE: If you cannot get this pressure, refer to the equipment manufacturer's manual.

- (2) Open the valve to release the pressure to the aircraft.

K. Shut-off the Pneumatic Start Unit ([Figure 201](#))

SUBTASK 862-002-A

- (1) Close the valve to stop the release of pressure to the aircraft.

- (2) Set the Pneumatic Start Unit to off.

L. Follow-on

SUBTASK 842-002-A

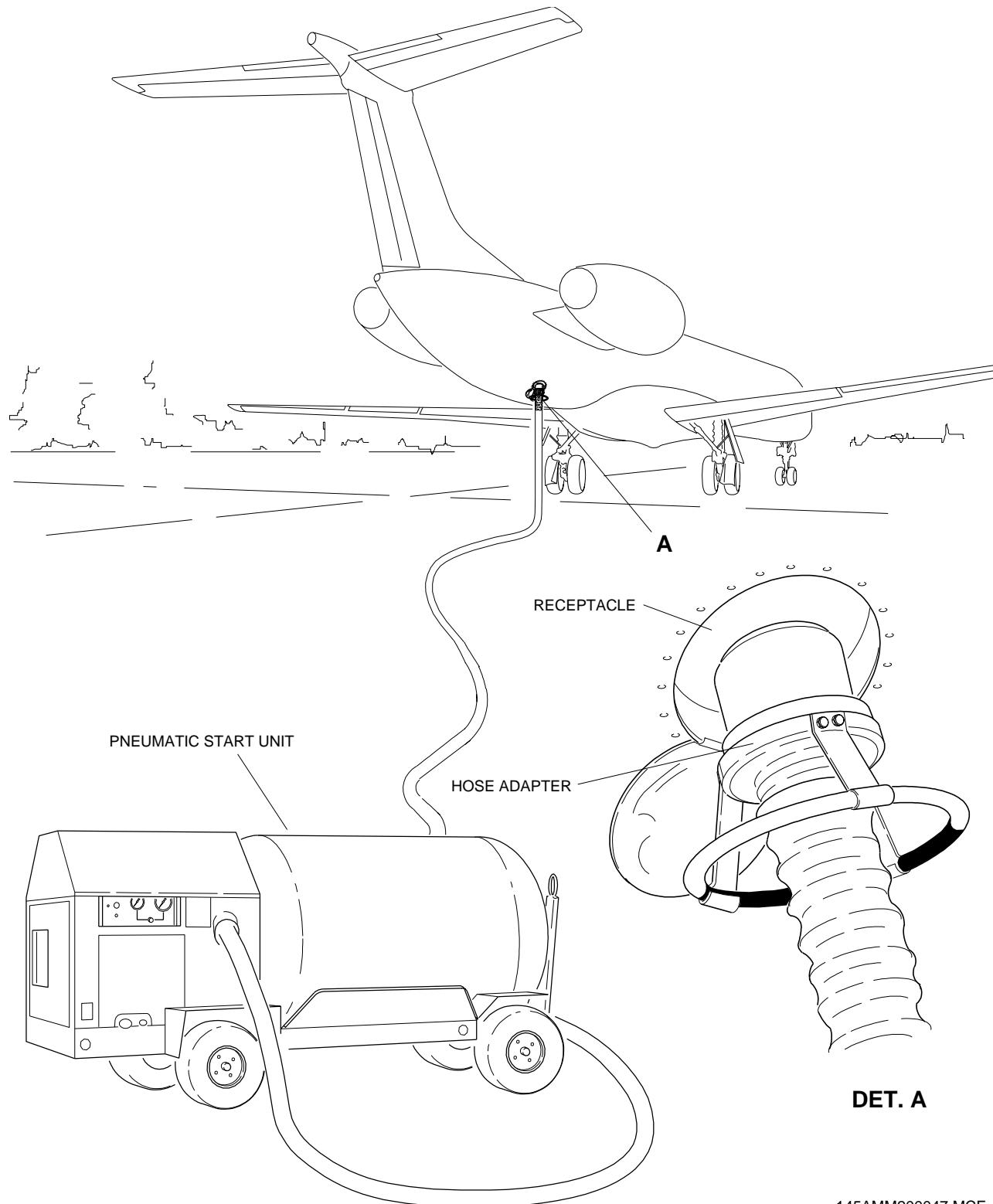
- (1) Disconnect the hose of the Pneumatic Start Unit GSE 187 or GSE 188 from the receptacle.

- (2) Close the access door 272CR (AMM MPP 06-41-01/100).

EFFECTIVITY: ALL

Connect the Pneumatic Start Unit to the Aircraft

Figure 201



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