

**CHAPTER**

**54**

**Nacelles and Pylons**

CHAPTER 54  
NACELLES AND PYLONS

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CHAPTER 54  
NACELLES AND PYLONS

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**NACELLES-PYLONS - GENERAL DESCRIPTION****General**

The nacelle is the fairings and the components that surround the engine. The nacelle gives an aerodynamically smooth surface to the strut and engine. The nacelle also contains these items:

- Inlet cowl
- Fan cowl
- Fan duct cowl and thrust reverser
- Primary exhaust nozzle
- Exhaust plug.

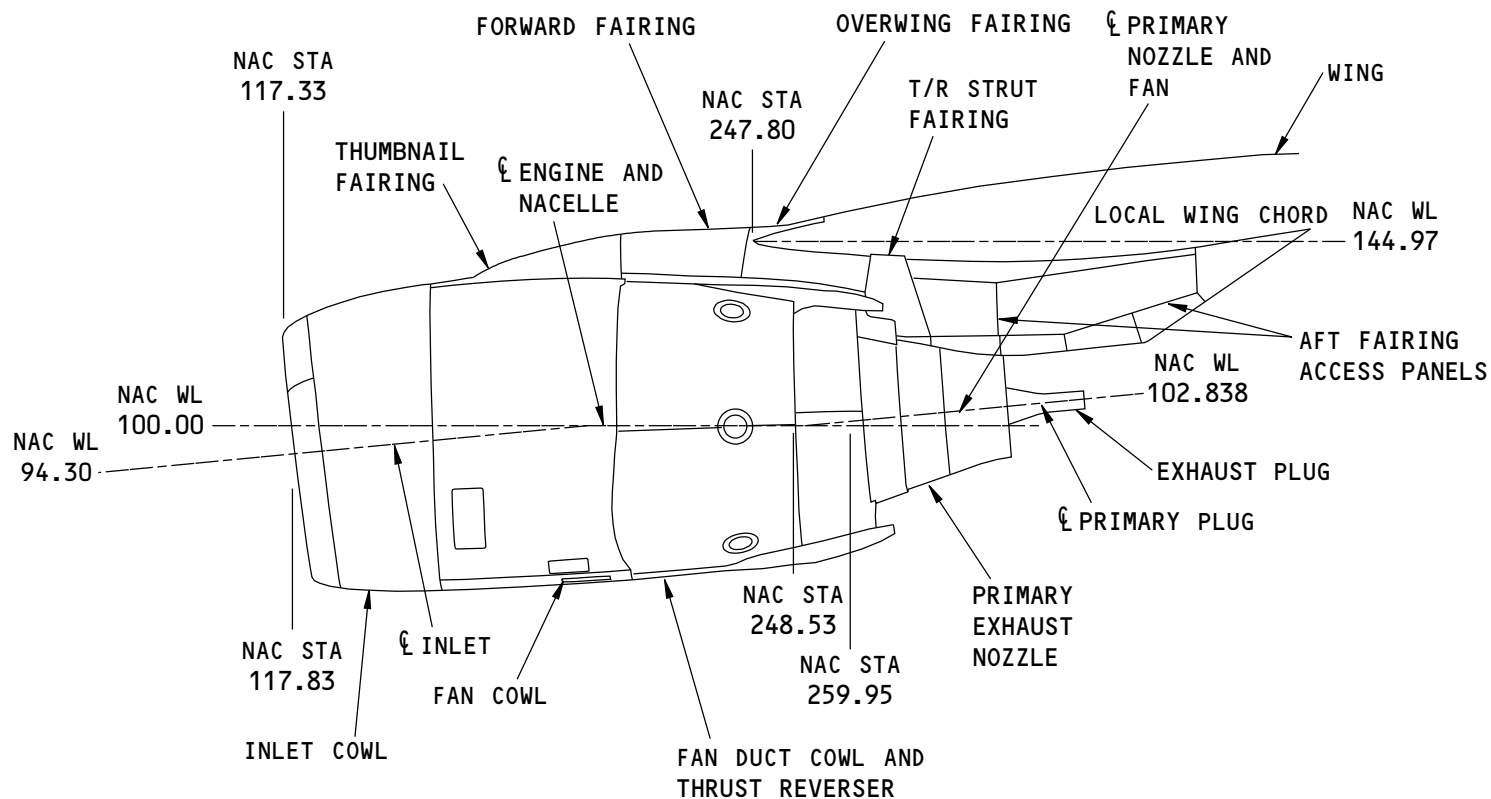
The pylon is the strut that attaches the engine to the wing. The strut also contains these items:

- Fuel lines
- Electrical lines
- Hydraulic lines
- Pneumatic ducts
- Fairings
- Fire detection/extinguish lines.

Nacelle stations and waterlines give locations on the nacelle-pylon. The scale for nacelle stations and waterlines is inches.

The station line is a horizontal dimension. It starts at station line zero.

The water line is a height dimension. You measure the water line from a horizontal reference plane below the nacelle-pylon.



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### NACELLES-PYLONS - GENERAL DESCRIPTION

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