



The Fluid Lines & Fittings Trainer Set demonstrates multiple types of fluid lines fittings and their assembly techniques. It displays the aircraft standard for assembling, routing, supporting fluid lines. Examples of frequently made mistakes are shown as well for trainees to avoid.

The training set is to be operated by a switch that lets the air pressure from a reservoir to operate an actuator.

Components/hoses are mounted on both the front and the back of the vertical panel.

## Specifications

### Features

- Understand fundamentals of aircraft Fittings and Fluid Lines.
- four(4) or more examples of correct/incorrect flexible hoses
- four(4) or more examples of correct/incorrect solid lines(tube).
- Hoses & Tubes
- AN, NPT fittings
- NPT fittings
- The system mounted on a metal/aluminum mobile stand.
- Metal/aluminum frame with 4 wheels. 2 of 4 wheels are lockable.
- Training video for teachers
- Delivered fully assembled tested and ready to operate
- Colored Ultraviolet printing method on aluminium composite panel.

### Components

- Teflon Hose
- Fire Resistance Hose
- Rubber Hoses
- Mil-H-8794 Standard Hose
- Mil-H-5593 Standard Hose
- Mil-H-83797 Standard Hose
- Aluminium Tube Min 8 Mm Diameter
- Aluminium Tube Min 10 Mm Diameter
- Steel Tube Min 8 Mm Diameter
- Steel Tube Min 10 Mm Diameter
- An840 Hose Nipple Pipe Thread
- An821-Elbow
- An912 Bushing, Pipe Thread Reducer
- An929 Cap
- An817 Nut, Sleeve, Coupling
- An827 Cross, Flared Tube

- An822 Elbow, Flared Tube And Pipe Thread, 90°
- An823 Elbow, Flared Tube And Pipe Thread, 45°
- An833 Elbow, Flared Tube Bulkhead And Universal, 90°
- An844 Hose Elbow - Pipe Thread 45°
- An914 Elbow, Internal And External Pipe Thread, 90°
- An821 Elbow - Flared Tube 90°
- Brass Union Nut An805-2
- An816 Nipple - Flared Tube And Pipe Thread
- An911 Nipple, Pipe Thread
- An818 Nut Coupling
- An924 Aluminum Nut
- An806 Flared Tube Plug
- An814 Plug And Bleeder Screw Thread
- An913 Plug, Square Head, Pipe Thread
- New Surplus An932-2d Plug Countersunk
- An919 Reducer, External Thread
- An824 Tee, Flared Tube
- An825 Tee - Flared Tube And Pipe Thread On Side
- An917 Tee, Internal Pipe Thread
- An834 Tee, Flared Tube, Bulkhead And Universal
- Male Elbow
- Male Plug
- Female Plug
- Male Cross
- Female Cross
- Niple
- Cap
- Sleeve
- Nut
- Straight
- Female Run Tee
- Male Run Tee
- Female Elbow
- Adaptor
- Ms21919-Dg2
- Ms21919-Dg3
- Ms21919-Dg4
- Ms21919-Dg5
- Ms21919-Dg6
- Ms Clamp
- Hose clamp
- Ring hose clamp
- Stepless screw clamp
- AN742 plain clamp
- Tube bender tool
  - Bend copper, aluminum and steel tubing from 6 to 10 mm.
- Tube cutter tool
  - Cut copper, aluminum tubing from 1,8" to 1 1/4"
- Flaring tool set
  - Five adapters from 4.8mm to 12.7mm.
  - Chrome swivel is made of alloy steel
  - Forged yoke is made of heat treated steel.
  - Case for storage
  - Design for double or single flare in soft steel, copper, and aluminum