

**Product Name :**  
Landing Gear Module for Hydraulic System Trainer

**Product Code :**  
POL-AVM0001



**Description :**

Landing Gear Module for Hydraulic System Trainer

**Technical Specification :**

Fundamental Aircraft Hydraulic Landing Gear Trainer offers effective hands-on training for aircraft maintenance trainees. It assures that technicians are trained to maintain the landing gear system in the best way possible and in accordance with safety standards. It displays the landing gear mechanism as found in actual aircraft. This trainer is designed to represent a landing gear system. It contains all components and assemblies of an actual hydraulic landing gear system.

A features complete wheel and tire assembly with hydraulic brake system, including master cylinder and brake pedal. The control unit includes control throttles for landing gear and hydraulic flap operation. Indicators demonstrate show up, down, and in-transition conditions. A throttle warning horn is also mounted on the control panel.

This model comes mounted on a mobile stand to provide a clear view from all directions.

Hydraulic L/G with operational strut

Hydraulic landing gear door

Sequencing can be controlled through squat switches and sequencing valves

All components are mounted on the display panel

Demonstrates a typical hydraulic system operation as well as a typical landing gear operation

Flap and landing gear controls can be mechanical or electrical depending on customer choice.

Wing section included

Hydraulically operated flap with electrical indication system

Contains electrical motor & a mechanical pump with all associated components (pressure regulator, relief valve, check valves, reservoir and filter assy.)

Full function brake system with parking brake operation

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Landing gear indication includes : gear up, gear down and in-transit  
Throttle lever with associated components completes the warning circuit of gear up warning horn  
Emergency hand pump  
Accumulator  
Powder coated finish for durability  
Swivel casters with brakes for full mobility and safe positioning  
Delivered fully assembled tested and ready to operate.  
AC power 220/110 Volt required.  
User's manual  
Wiring diagrams  
Flow schematics  
Components diagrams  
CBT (Computer Base Training) (optional)



**Engineering Lab China**