

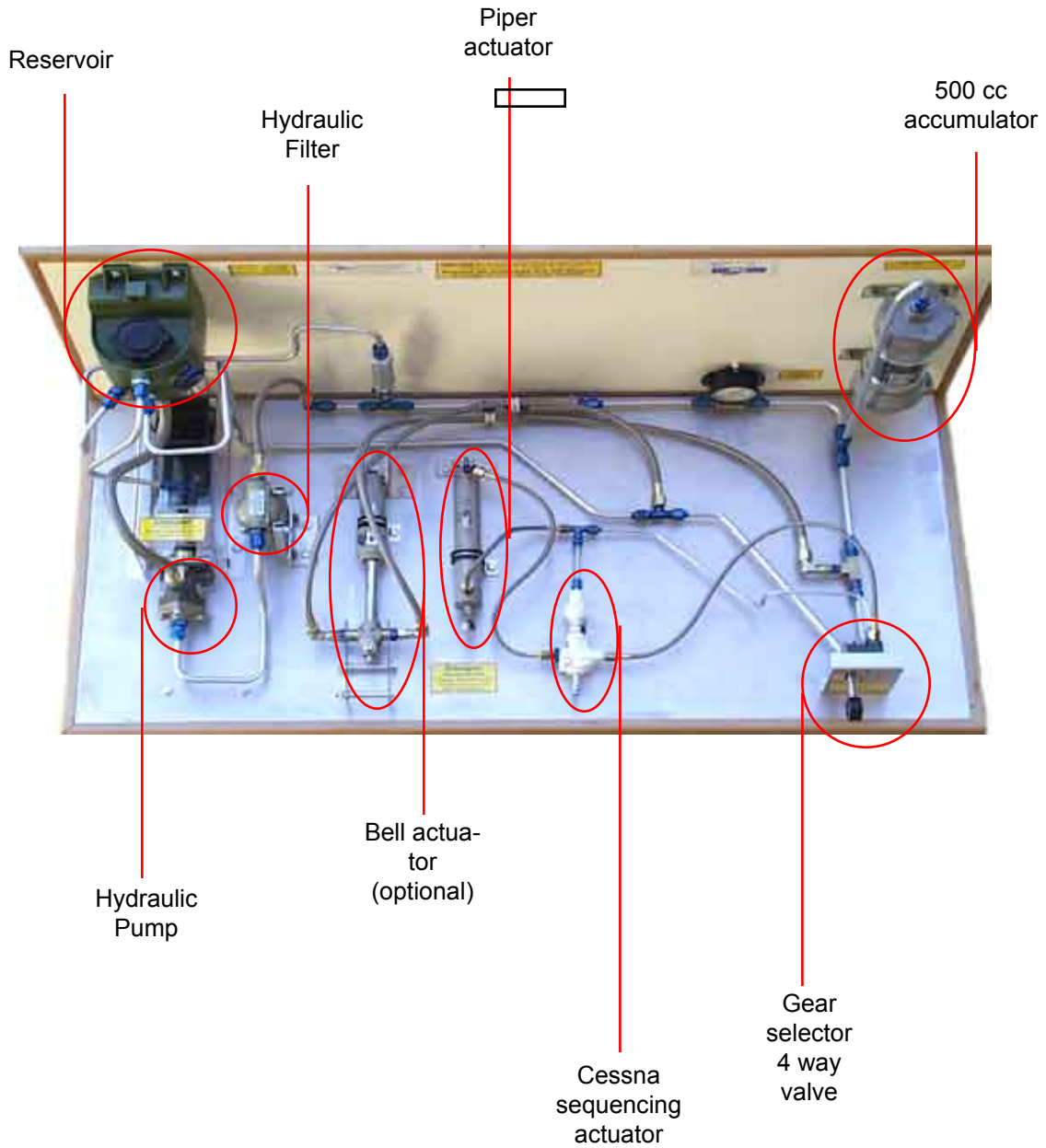
NEW

Fully functional hydraulic bench top trainer



The companion to our landing gear trainer is here! We developed this bench style trainer for student level three overhaul. The same components that are found in our HYD-12 series landing gear simulators are installed on the easy to use Overhaul style bench. You don't own one of our landing gear trainers? The HYD-12 makes a superb stand alone trainer as well! Each component can be Removed Overhauled Reinstalled, and Tested with this low pressure 225 PSI bench. But we didn't stop there we added a typical helicopter flight control (optional), a self centering, dual acting hydraulic actuator, pilot control. Supplied with a safe handle the students can get a real feel for this hard to understand actuator found on everything from the Bell 47 on up.

This PDF is a representation of only a selection of the operating manual or curriculum. All information is subject to change as we further develop our trainers.



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Hydraulic systems and components trainer HYD bench series

Extra features

✈ Fully functional

All components are operational, removable, and re-buildable. Parts kits for these common components are available through many parts dealers.

✈ Reliable and warranted

The components installed on this completely operational trainer are new or completely disassembled resealed, cleaned and painted or chemically treated for years of trouble-free operation.

✈ 6/12 Month Warranty

12 Month Parts and 6 month Labor Warranty

✈ Sequenced actuator

The new HYD-1 now demonstrates actuator sequencing. The new Cessna actuator has a hydraulically sequenced double-check ball to time the main actuator with fluid pressure, not just electrical switching

✈ New *safe* low-pressure system

Our HYD-BT series relieves system pressure at 225 PSI maximum.

✈ Great looking portable stand

Our HYD-BT has a .050 thick aluminum top with the rolling table style overhaul bench. The lockable casters make it easily portable. The white back board and clear coated ash trim make this on great looking trainer!

✈ Complete curriculum

Simulators are supplied with a complete curriculum / operation manual. Both instructor and student manuals are in full color. Samples of our curriculum are provided in the section B, shown on the pages marked with the gray watermark "sample."

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- ✈ Fluid Reservoir with sight glass from the flight controls of a Bell helicopter
- ✈ Rotary vane or gear hydraulic pump (depending on availability) with 90 volt DC Motor drive powered by 110 volt AC
- ✈ Piper aircraft hydraulic Cylinder dual acting sequenced by Cessna actuator
- ✈ Cessna hydraulically sequenced (not electrical) actuator
- ✈ Pressure Gauge direct reading
- ✈ Landing gear selector 4 way valve
- ✈ Filter Assembly AN3 aluminum 1500 PSI replaceable element Purolator or equivalent
- ✈ Pressure relief valve adjust to approximately 200 PSI
- ✈ 500cc piston accumulator with schrader valve
- ✈ Complete curriculum with schematics, work books, and description
- ✈ 13"X19" Schematic poster of system on back board
- ✈ Includes Complete Operations Training Manual (IATS Approved)
- ✈ 12-Month Parts Warranty, 6-Month Labor Warranty

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