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Product Name :
Turbo shaft Engine Trainer

Product Code :
LBNY-0005-1990006



Description :

The engine is mounted with all necessary electrical wiring, engine accessories, controls, and instruments that are needed for running the engine. The students may also be trained to remove and replace parts for field level maintenance practice. Engine is mounted on a portable stand with casters, with complete starting system and a serviceable battery. Turbo shaft engine trainer is a runn able engine mounted on a mobile stand capable of full operation through a console. It provides a cost-effective training resource for hands-on training in any AMT program. The trainer comes with all the necessary instrumentation and controls to run the engine. As an option in, engine controls console is mounted on a separate movable stand. For fixed installations, the trainer is provided with heavy duty vibration and shear mounts to absorb vibrations. The engine trainer may be mounted on wheels for easy mobility as shown above.

Technical Specification :

Power Output:317 Bhp (C18) 420 Bhp (C20)
Power Turbine: 2 Stage Axial with 5.8:1 reduction gear
Layout: Twin Spool Turbo shaft with combined accessory and output gearbox
Starting:Starter Generator
RPM: 52,000(Compressor) 35,000 Power Turbine, O/P Shaft 6,000 rpm
Compressor: 6 Stage Axial with Bleed Valve + Centrifugal Impeller
Combustion Chamber: Single Can with Single Burner, Rear Mounted Side Entry
Compressor Turbine: 2 Stage Axial
Ignition:High energy ignit or
Fuel System:Separate Fuel Pump, Filter, Gas generator, Governor, and Power Turbine Governor
Oil System:Return System with Pressure and Scavenge pumps, External Oil Cooler and Tank.

Dimensions: 41 L x 21 D x 24 H Inches
Weight: 158 Lbs.



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