

**SPECIFICATIONS**

Model Numbers . . . . . 115083 (20" transom)  
 \*Horsepower (B.I.A.-certified) . . . . . 115 hp at 5000 rpm  
 Full throttle operating range . . . . . 4500 to 5500 rpm  
 Tank test with test wheel . . . . . 5400 rpm  
 Engine type . . . . . 90° V-type, 4 cylinder, 2 cycle  
 Bore and stroke . . . . . 3.438" bore x 2.588" stroke  
 Piston displacement . . . . . 96.1 cubic inches  
 Piston ring sets (3 per set) standard . . . . . Part Number 383680  
     .030" oversize . . . . . Part Number 383681  
 Diameter of ring . . . . . 3.438 in. (standard)  
 Width of ring . . . . . .062 in.  
 Piston ring lbs. compression  
     recommended when compressed . . . . . 3.20 to 6.75 lbs.  
 Piston less rings  
     Standard . . . . . Part Number 383484  
     .030" oversize . . . . . Part Number 383679  
 Crankshaft size  
     Top journal . . . . . 1.4980 - 1.4975  
     Center journals . . . . . 1.3752 - 1.3748  
     Bottom journal . . . . . 1.1815 - 1.1810  
 Connecting rod crank pin . . . . . 1.1828 - 1.1823  
 Carburetion . . . . . 2 carburetors - Float feed with low-speed adjustment  
     Automatic, manual lever and remote control choke  
 Float level setting . . . . . Remove float bowl, turn carburetor upside down  
     so weight of float closes needle; float should  
     now be parallel to gasket surface.  
 Carburetor orifice plug . . . . . Part Number 314903 Hole size .065  
 Inlet needle seat . . . . . .065 - .062 Use a #52 drill as gage  
 Cooling system . . . . . Thermostatically controlled recirculating system  
 Propeller gear ratio . . . . . 13:26  
 Propeller supplied with motor . . . . . Aluminum 3 blade, 13" dia. 19" pitch  
 Alternate propellers . . . . . Aluminum 3 blade, 13-1/4" dia. x 17" pitch  
     Aluminum 3 blade, 14" dia. x 11" pitch  
     Aluminum 3 blade, 14" dia. x 13" pitch  
     Aluminum 3 blade, 13-3/4" dia. x 15" pitch  
     Aluminum 3 blade, 12-3/4" dia. x 21" pitch  
     Bronze 3 blade, 13" dia. x 19" pitch  
     Bronze 2 blade, 13-3/4" dia. x 21" pitch  
     Bronze 2 blade cupped, 13-3/4" dia. x 21" pitch  
     Bronze 2 blade cupped, 13-3/4" dia. x 23" pitch  
 Speed control . . . . . Remote control - synchronized throttle and spark  
 Gear shift control . . . . . Electric - forward, neutral,  
     reverse - remote control  
 Shift solenoids . . . . . 5-6 ohms (10 ohms scale)  
 Weight (without fuel tank) . . . . . 252 lbs.  
     (Fuel tank weight 11 lbs. net)  
 Fuel capacity . . . . . 6 gallons  
 Starter . . . . . Electric and emergency rope  
 Electrical system . . . . . 9 amp flywheel alternator  
 Starter amp draw when cranking . . . . . 185 amperes maximum  
 Ignition (CD breakerless) . . . . . Battery - Power Pulse  
 Spark plug . . . . . AC V4OFF or Champion L-19V  
 Spark plug torque . . . . . 17-1/2 - 20-1/2 foot-pounds  
 Sensor air gap . . . . . .028 in.

Part No. 580740 Coil Test Specifications - New Stevens Tester Model  
 No. M.A. - 75 \*\*Use Model CD-1 Adapter

Switch	Coil	Index Adjustment
**A - - - - -	580740 - - - - -	20

\*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.