

SPECIFICATIONS

- Model Numbers 85993 (20" transom)
- *Horsepower (O.B.C.-certified) 85 hp at 5000 rpm
- Full throttle operating range 4500 to 5500 rpm
- Tank test with test wheel 4800 rpm
- Engine type 90° V-type, 4 cylinder, 2 cycle
- Bore and stroke 3.375" bore x 2.588" stroke
- Piston displacement 92.6 cubic inches
- Piston ring sets (3 per set) standard Part Number 382825
- .020" oversize Part Number 382826
- .040" oversize Part Number 382827
- Diameter of ring 3.375 in. (standard)
- Width of ring093 in.
- Piston ring lbs. compression
 recommended when compressed 9.7 to 14.5 lbs.
- Piston less rings
- Standard Part Number 383674
- .020" oversize Part Number 383697
- .040" oversize Part Number 383698
- 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 315321 Hole size .056
- Inlet needle seat065 - .062 Use a #52 drill as gage
- Cooling system Thermostatically controlled recirculating system
- Propeller gear ratio 13:26
- Propeller supplied with motor 3 blade, 13-1/4" dia. x 17" pitch
- Alternate propellers 3 blade, 14" dia. x 9" pitch
 3 blade, 14" dia. x 11" pitch
 3 blade, 14" dia. x 13" pitch
 3 blade, 13-3/4" dia. x 15" pitch
 3 blade, 13" dia. x 19" pitch
- Speed control Remote control - Synchronized throttle and spark
- Gear shift control Electro-hydraulic forward, neutral,
 reverse - remote control
- Shift solenoids 5-6 ohms (10 ohms scale)
- Weight (without fuel tank) 245 lbs.
 (Fuel tank weight 11 lbs. net)
- Fuel capacity 6 gallons, suction type tank
- Starter Electric and emergency rope
- Electrical system 9 amp flywheel alternator
- Starter amp draw when cranking 185 amperes maximum
- Ignition (CD electronic with breaker points) Battery
- Spark plug AC V4OFF or Champion L-19V
- Spark plug torque 17-1/2" - 20-1/2" foot-pounds
- Breaker point gap010 in.
- Breaker point spring tension 28 - 32 oz.
- Part No. 580740 Coil Test Specifications - New Stevens Tester Model
No. M.A. - 75 **Use Model CD-1 Adapter

<u>Switch</u>	<u>Coil</u>	<u>Index Adjustment</u>
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Merc-O-Tronic with Capacitor Discharge Adapter Model 55-980

Operating Amperage	Primary Resistance	Secondary Continuity
Min. - Max.	Min. - Max.	Min. - Max.
1.4		22 - 26

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