

# SPECIFICATIONS

Model Numbers		Propeller options	9-1/2" diameter x 10" pitch 10" diameter x 9-1/4" pitch 10" diameter x 11" pitch 10" diameter x 12" pitch
80752	Speedifour, Standard length	Speed control	Remote control only
80753	Speedifour, 5" longer	Gear shift control	Forward, neutral, and reverse - Speedifour - Manual or remote control Starflite - Selectric push-button remote control
80792	Starflite, Standard length	Weight (without fuel tank)	Model 80752 - 232 pounds Model 80753 - 236 pounds Models 80792 - 240-1/2 pounds Models 80793 - 246 pounds (Fuel tank weight - 11 pounds net)
80793	Starflite, 5" longer	Fuel capacity	6 gallons, suction type tank
*Horsepower (O.B.C.-certified)	80 hp at 4500 rpm	Electrical system	Alternating current generator
Full throttle operating range	4000 to 5000 rpm	Starter	Electric and emergency rope
Engine type	90° V-type, 4 cylinder, 2 cycle	Starter amp draw when cranking	Maximum 140 amp
Bore and stroke	3-3/8" bore x 2-1/2" stroke	Ignition	Automotive type battery and distributor system
Piston displacement	89.5 cubic inches	Spark plug	AC-M42K, Champion J4J, AutoLite A21X - 14mm
Piston ring sets (3 per set)		Spark plug gap	.030 inch
standard	Part Number 380110	Spark plug torque	17-1/2 - 20-1/2 foot-pounds
.020" oversize	Part Number 380111	Breaker point gap	.020 inch
.040" oversize	Part Number 380112	Condenser capacity	.37 - .41 Mfd.
Diameter of ring	3.375 in. (standard)	Carburetion	Twin barrel, down draft, float feed, low-speed adjustment, automatic spring-loaded choke
Width of ring	.0935 - .0925 in.	Float level setting	Remove carburetor cover and turn upside down, so that weight of float closes float needle. With float arms straight, float should be parallel with face of casting (approximately 1/4" from casting).
Lbs. compression recommended when compressed	9.7 to 13.7 lbs.	Carburetor orifice plug	Hole size .064"
Piston less rings		Inlet needle seat	.081" to .084". Use a #45 drill as gage
standard	Part Number 380569		
.020" oversize	Part Number 378814		
.040" oversize	Part Number 378815		
Crankshaft size			
top journal	1.2658 - 1.2653 in.		
center journal	1.3752 - 1.3748 in.		
bottom journal	1.1815 - 1.1810 in.		
Connecting rod crank pin	1.1828 - 1.1823		
Cooling system	Thermostatically controlled recirculating system		
Propeller gear ratio	20:23		
Propeller drive pin - standard	Part #307217, 9/32" x 2-5/32", stainless steel		
Propeller standard	10-1/4" diameter x 10" pitch		
*Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.			