SPECIFICATIONS

Model Numbers 2602
*Horsepower (B.I.A.-certified) . . . . . 2 HP at 4500 rpm
Full throttle operating range . . . . . 4200 to 4800 RPM
Test tank with test wheel . . . . . 3900 RPM
Test wheel . . . . . Part Number 316021
Engine type . . . . . Single cylinder, 2 cycle
Bore and stroke . . . . . 1-9/16" bore x 1-3/8" stroke
Piston displacement . . . . . 2.64 cubic inches
Piston ring sets (2 per set)
  Standard . . . . . Part Number 383920
  .030" oversize . . . . . Part Number 384312
Diameter of ring . . . . . 1.563 in. (standard)
Width of ring . . . . . .0625 - .0615 in.
Lbs. compression recommended when compressed . . . . 1.3 to 2.8 lbs.
Piston and rings - standard . . . . . Part Number 384651
  .030" oversize piston less rings . . . . . Part Number 384666
Crankshaft size
  Top journal . . . . . .7502 - .7497 in.
  Bottom journal . . . . . .7502 - .7497 in.
Connecting rod crank pin . . . . . .6690 - .6685 in.
Carburetion . . . . . Single barrel float feed, with high and low-speed adjustments
Float level setting . . . . . Flush with casting
Inlet needle seat . . . . . .050 - .053 Use a #55 drill as gage
Cooling system . . . . . Centri-matic pump
Propeller gear ratio 12:25
Propeller drive pin . . . . . Part Number 316558
Propeller . . . . . 7-1/4 x 4-1/2
Speed control . . . . . Single lever, synchronized throttle and spark
Weight . . . . . 23 lbs.
Fuel capacity . . . . . Gravity feed integral tank 1 qt.
Starter . . . . . Manual self rewinding
Ignition . . . . . Flywheel magneto
Spark plug . . . . . AC-M44C, Champion J6J - 14mm
Spark plug gap . . . . . .030 inch
Spark plug torque . . . . . 17-1/2 - 20-1/2 foot-pounds
Breaker point gap . . . . . .020 inch
Condenser . . . . . Part Number 580321
  Capacity . . . . . .18 to .22 Mfd.
Coil . . . . . Part No. 580971

COIL TEST SPECIFICATIONS

Stevens Tester Model ST-75

Normal Polarity (Switch Setting Standard)	2.2

Stevens Tester Model No. M.A. -75 or 80

Switch	Index Adjustment
B	22

Merc-O-Tronic

Operating Amperage	Primary Resistance		Secondary Continuity	
	Min.	Max.	Min.	Max.
1.6	.5	.7	35	45

Graham Tester Model 51

Maximum Secondary	Maximum Primary	Coil Index	Minimum Coil Test	Max. Gap Index
5500	1.2	75	33	75

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

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