



ENGINE:
Single 115 hp Pro XS®

BOAT:
Crestliner - 1850 Commander Elite

PROP:
SpitFire®



TEST CONDITIONS

Test Date	2016-10-17
Test Conductor	KB / TS
Elevation	1330 ft
Sea State	Calm
Air Temperature	50 °F
Wind Velocity	5 MPH 4 kts
Water Type	Fresh
Fuel Level at Testing	33 gallons
Boat Weight as Tested	2560 lbs

ENGINE SPECIFICATIONS

Number of Engines	Single
Engine	115 hp Pro XS®
HP / kW	115 / 86
Engine type	8-valve single overhead cam (SOHC) Inline 4
Gearcase ratio	2.07:1

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	http://www.crestliner.com/
Boat Model	1850 Commander Elite
Boat Type	Aluminum - console
Material	Aluminum
Length	18 ft 9 in
Beam	7 ft 10 in
Max HP Capacity	150
Fuel Tank Capacity	33.0 gallons
Steering Type	Hydraulic
Dry Boat Weight	1621 pounds
Mounting Bolt Hole	1

PROPELLER SPECIFICATIONS

Part Number	8M8026580
Mercury Name	SpitFire®
Material	Mercalloy
Diameter / Pitch	13.4 / 15.0
Number of Blades	4



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PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)	5.6 @ 3500
Top Speed (MPH@RPM)	40.0 @ 6230
Acceleration 0 - 20 MPH (seconds)	5.5
Acceleration 0 - 30 MPH (seconds)	9.0

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	4.2	0.5	8.4	-	-
2000	7.3	1.4	5.2	-	-
3000	13.0	2.7	4.8	-	-
3500	19.1	3.4	5.6	-	-
4000	24.3	4.4	5.5	-	-
4500	28.0	5.9	4.7	-	-
5000	31.3	7.0	4.5	-	-
5500	34.5	9.0	3.8	-	-
6000	38.5	11.0	3.5	-	-
6230	40.0	11.3	3.5	-	-

PERFORMANCE CURVE

