



ENGINE:

Single 60 hp EFI FourStroke

BOAT:

Alumacraft - Classic 165 CS

PROP:

SpitFire®



TEST CONDITIONS

Test Date	2011-08-22
Test Conductor	MS / RM
Elevation	992 ft
Air Temperature	80 °F
Wind Velocity	0 - 5 MPH 0 - 4 kts
Water Type	Fresh
Fuel Level at Testing	19 gallons
Boat Weight as Tested	895 lbs

ENGINE SPECIFICATIONS

Number of Engines	Single
Engine	60 hp EFI FourStroke
HP / kW	60 / 45
Engine type	Inline 4
Gearcase ratio	1.83:1

BOAT SPECIFICATIONS

Manufacturer	Alumacraft
Website	http://www.alumacraft.com/
Boat Model	Classic 165 CS
Boat Type	Aluminum - console
Material	Aluminum
Length	16 ft 4 in
Beam	6 ft 10 in
Max HP Capacity	75
Fuel Tank Capacity	19.0 gallons
Steering Type	Mechanical
Dry Boat Weight	895 pounds
Mounting Bolt Hole	2

PROPELLER SPECIFICATIONS

Part Number	8M8026625
Mercury Name	SpitFire®
Material	Mercalloy
Diameter / Pitch	10.6 / 12.0
Number of Blades	4



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PERFORMANCE SUMMARY

Top Speed (MPH@RPM)	32.5 @ 6000
Acceleration 0 - 20 MPH (seconds)	6.1
Acceleration 0 - 30 MPH (seconds)	13.0

RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	3.2	0.3	10.7	-	-
2000	5.9	0.6	9.8	-	-
3000	8.0	1.5	5.3	-	-
4000	19.7	2.1	9.4	-	-
5000	26.2	3.5	7.5	-	-
5500	28.8	4.3	6.7	-	-
6000	32.5	5.4	6.0	-	-

PERFORMANCE CURVE

