

**ENGINE:** 

Single 40 hp EFI FourStroke

**BOAT:** 

Alumacraft - Escape 165CS

PROP: **SpitFire**®



## **TEST CONDITIONS**

Test Date	2013-05-23
Test Conductor	MS/BV
Elevation	969 ft
Air Temperature	65 °F
Wind Velocity	0 - 5 MPH 0 - 4 kts
Water Type	Fresh
Fuel Level at Testing	6 gallons
Boat Weight as Tested	696 lbs

# PROPELLER SPECIFICATIONS

Part Number	8M8026630
Mercury Name	SpitFire®
Material	Mercalloy
Diameter / Pitch	10.3 / 13.0
Number of Blades	4

## **ENGINE SPECIFICATIONS**

Number of Engines	Single
Engine	40 hp EFI FourStroke
HP / kW	40 / 30
Engine type	Inline 3
Gearcase ratio	2.00:1

#### **BOAT SPECIFICATIONS**

Manufacturer	Alumacraft
Website	http://www.alumacraft.com/
Boat Model	Escape 165CS
Boat Type	Aluminum - console
Material	Aluminum
Length	16 ft 6 in
Beam	6 ft 4 in
Max HP Capacity	50
Steering Type	Mechanical
Dry Boat Weight	696 pounds
Mounting Bolt Hole	2



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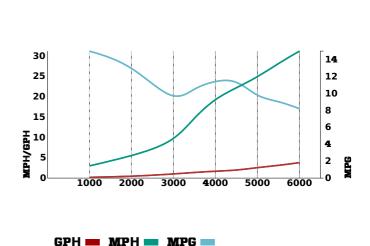
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#### **PERFORMANCE SUMMARY** 10.7 @ 3500 Best Fuel Economy (MPG@RPM) Top Speed (MPH@RPM) 31.2 @ 6000 Acceleration 0 - 20 MPH (seconds) 5.6 **RPM** Speed **Fuel Fuel** Range Sound (MPH) (GPH) (MPG) Range (miles) (dBA) 1000 3.0 0.2 15.0 2000 5.4 0.4 13.5 3000 8.7 1.0 8.7 3500 15.0 1.4 10.7 4000 19.6 1.7 11.5 4500 1.9 22.2 11.7 5000 24.8 2.6 9.5 5500 28.2 3.1 9.1 6000 31.2 8.2 3.8



PERFORMANCE CURVE

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