

Engine  
**Mercury Optimax 200**

Boat  
**Haines Signature 650F**

Date Repowered  
**Jan 2015**



**PERFORMANCE SUMMARY**

Best Fuel Economy (Lp/KM@RPM)	<b>0.68 @ 3000</b>
Top Speed (KPH@RPM)	<b>72 @ 5500</b>
Acceleration 0 - plane (seconds)	-

**PERFORMANCE DATA**

RPM Range	Speed (KPH / kts)	Fuel (LPH)	Fuel (LPKkm)
1000	6.6 / 3.6	3.1	0.46
2000	14 / 7.6	12	0.85
3000	33.3 / 18	22.8	0.68
4000	50 / 27	40	0.80
5000	63.8 / 34.5	62	0.97
5500	72.2 / 39	71	.98

**TEST CONDITIONS**

Test Date	<b>01-2015</b>
Test Conductor	<b>RB</b>
Air Temperature	<b>28 °C</b>
Wind Velocity	<b>11 KPH 6 Knts</b>
Water Type	<b>Salt / Ocean</b>
Fuel Level at Testing	<b>200 Litres</b>
Boat Weight as Tested	<b>1900 KG</b>

**ENGINE SPECIFICATIONS**

Mercury Engine Model	<b>Optimax</b>
Number of engines	<b>1</b>
Horsepower	<b>200 HP</b>

**BOAT SPECIFICATIONS**

Manufacturer	<b>Haines</b>
Boat Model	<b>650F</b>
Boat Type	<b>Vee</b>
Length	<b>6.5M</b>
Beam	<b>2.5M</b>
Dry Boat Weight	<b>1650 KG Approx</b>

**PERFORMANCE CURVE**

