

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

47 mph/5701 rpm

Acceleration

0 - 20 mph (seconds)

4.6

Acceleration

0 - 30 mph (seconds)

7.8



Test Date

September 17, 2019

Air Temperature (°F)

73

Elevation (ft)

1289

Sea State

Calm

Wind Velocity Range (mph)

5

Fresh/Salt Water

Freshwater

ENGINE

| | |
|-------------------------------|---------------|
| Number of Engines | 1 |
| Engine | FourStroke |
| Horsepower | 150 |
| Cylinders | 4 |
| Drive or gear model and ratio | Standard 1.92 |
| Engine Length (in) | 25 |

PROPELLER

| | |
|------------------|-----------------|
| Mercury Name | Enertia |
| Material | Stainless Steel |
| Pitch | 17 |
| Number of Blades | 3 |

BOAT

| | |
|--------------------------|--------------------|
| Boat Brand | FourWinns |
| Boat Model | HD 180 |
| Boat Type | Runabout |
| Boat Material | Fiberglass |
| Length (ft) | 18.5 |
| Beam (ft) | 8.33 |
| Fuel Tank Capacity (gal) | 32 |
| Steering Type | Hydraulic Steering |
| Dry Boat Weight (lbs) | 2,700 |

PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|-----------|-------------|------------------------|------------------------|---------------|
| 600 | 3.2 | 0.6 | 5.5 | 0 |
| 1000 | 4.8 | 0.9 | 5.3 | 0 |
| 1500 | 6.4 | 1.4 | 4.6 | 0 |
| 2000 | 7.7 | 2.4 | 3.2 | 0 |
| 2500 | 10.9 | 3.4 | 3.3 | 0 |
| 3000 | 19.5 | 4 | 4.8 | 0 |
| 3500 | 25 | 5.1 | 4.9 | 0 |
| 4000 | 30.7 | 6.9 | 4.5 | 0 |
| 4500 | 35.3 | 8.7 | 4.1 | 0 |
| 5000 | 40.3 | 10.4 | 3.9 | 0 |
| 5500 | 45.2 | 13.3 | 3.4 | 0 |
| 5800 | 47 | 14.1 | 3.3 | 0 |

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