

PERFORMANCE SUMMARY

Top Speed

(mph @ rpm)

47.2 mph/5810 rpm

Acceleration

0 - 20 mph (seconds)

4.61

Acceleration

0 - 30 mph (seconds)

6.67



Test Date

August 12, 2024

Air Temperature (°F)

70

Elevation (ft)

1100

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 | 18 |
| Number of Blades | 3 |

BOAT

| | |
|--------------------------|----------------------|
| Boat Brand | MirroCraft |
| Boat Model | F1866 |
| Boat Type | Deep V/Multi-Species |
| Boat Material | Aluminum |
| Length (ft) | 18.3 |
| Beam (ft) | 8 |
| Fuel Tank Capacity (gal) | 28 |
| Steering Type | Hydraulic Steering |
| Dry Boat Weight (lbs) | 1,900 |

PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|-----------|-------------|------------------------|------------------------|---------------|
| 600 | 2 | 0.6 | 3.3 | 91 |
| 1000 | 2.3 | 1.4 | 1.7 | 46 |
| 1500 | 2.7 | 2.6 | 1 | 28 |
| 2000 | 9 | 2.9 | 2.9 | 81 |
| 2500 | 13 | 3.2 | 4.1 | 115 |
| 3000 | 20.4 | 4 | 5.2 | 144 |
| 3500 | 26 | 5.4 | 4.8 | 135 |
| 4000 | 30.8 | 7.1 | 4.3 | 121 |
| 4500 | 35 | 9.2 | 3.8 | 106 |
| 5000 | 39.6 | 12.4 | 3.2 | 89 |
| 5500 | 43 | 13 | 3.3 | 92 |
| 5800 | 47.2 | 13.8 | 3.4 | 95 |

