

### PERFORMANCE SUMMARY

#### Top Speed

(mph @ rpm)

53.9 mph/6002 rpm

#### Acceleration

0 - 20 mph (seconds)

4.84

#### Acceleration

0 - 30 mph (seconds)

7.92



#### Test Date

August 6, 2020

#### Air Temperature (°F)

90

#### Elevation (ft)

715

#### Sea State

Calm

#### Wind Velocity Range (mph)

11

#### Fresh/Salt Water

Freshwater

### ENGINE

|                               |               |
|-------------------------------|---------------|
| Number of Engines             | 3             |
| Engine                        | FourStroke    |
| Horsepower                    | 250           |
| Cylinders                     | 8             |
| Drive or gear model and ratio | Standard 1.85 |
| Engine Height (in)            | 0.0, 0.0      |
| Engine Setback (in)           | 0.0, 0.0      |
| Engine Length (in)            | 20, 20, 20    |

### PROPELLER

|                  |                 |
|------------------|-----------------|
| Mercury Name     | Revolution 4    |
| Material         | Stainless Steel |
| Pitch            | 19.0, 19, 19.0  |
| Number of Blades | 4               |

### BOAT

|                          |            |
|--------------------------|------------|
| Boat Brand               | Sea Ray    |
| Boat Model               | DA 320 OB  |
| Boat Type                | Cruiser    |
| Boat Material            | Fiberglass |
| Length (ft)              | 34         |
| Beam (ft)                | 10         |
| Fuel Tank Capacity (gal) | 220        |
| Steering Type            | Joystick   |
| Dry Boat Weight (lbs)    | 13,681     |

## PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|-----------|-------------|------------------------|------------------------|---------------|
| 600       | 3.1         | 2.3                    | 1.4                    | 303           |
| 1000      | 5.9         | 4.5                    | 1.3                    | 285           |
| 1500      | 8.3         | 6.8                    | 1.2                    | 270           |
| 2000      | 10          | 10.7                   | 0.9                    | 205           |
| 2500      | 11.2        | 14.5                   | 0.8                    | 170           |
| 3000      | 15.2        | 20                     | 0.8                    | 167           |
| 3500      | 23.1        | 24.6                   | 0.9                    | 205           |
| 4000      | 34.3        | 28.4                   | 1.2                    | 265           |
| 4500      | 40.1        | 35.3                   | 1.1                    | 250           |
| 5000      | 45.5        | 43.5                   | 1                      | 230           |
| 5500      | 49.8        | 56.3                   | 0.9                    | 194           |
| 6000      | 53.2        | 64.9                   | 0.8                    | 180           |

