

EVINRUDE

E-TEC

PERFORMANCE REPORT

BULLETIN #: 1198
ENGINE 1: C200FX

BOAT TYPE: Pontoon

DATE OF TEST: 6/17/2016



BRP US, Inc.
10101 Science Drive
Sturtevant, WI 52177
www.evinrude.com

Avalon

Avalon Pontoon Boats
903 Michigan Ave.
Alma, MI 48801
800-334-2913
www.avalonpontoons.com

2016 AVALON CATALINA 2386

BOAT

2016 AVALON CATALINA 2386

| | |
|-------------------|------------|
| Material | Aluminum |
| Length | 23' 5" |
| Beam | 8' 6" |
| Weight w/o Engine | 2800 LBS |
| Maximum HP | 225 HP |
| Fuel Capacity | 45 Gallons |
| Transom Height | 25" |
| Steering | DPS |

ENGINE

Evinrude® E-TEC® G2™ 200 HP

| | |
|-----------------|--------------------|
| Engine Type | 66° V-6 |
| Horsepower | 200 |
| Displacement | 167 cu in / 2.7L |
| Induction | E-TEC® D.I. |
| Operating Range | 5000 to 6000 RPM |
| Weight | 541 LBS Dry Weight |
| Gear Ratio | 2.17:1 |

PROPELLER

Rebel™

| | |
|----------------|-------------|
| Material | Stainless |
| Diameter/Pitch | 15.375"/18" |
| No. of Blades | 3 |
| Part Number | 763988 |
| Prop Vent Hole | NA |

MOUNTING HEIGHT

| | |
|---------------|----|
| Hole Position | 0 |
| Jack Plate | No |
| AV Mounting | 0 |

PERFORMANCE DATA

| RPM | MPH | GPH | MPG | RANGE |
|------|-------|-------|-------|-------|
| 500 | 2.15 | 0.15 | 14.33 | 581 |
| 1000 | 4.05 | 0.50 | 8.10 | 328 |
| 1500 | 5.80 | 1.05 | 5.52 | 224 |
| 2000 | 7.15 | 1.90 | 3.76 | 152 |
| 2500 | 12.25 | 2.60 | 4.71 | 191 |
| 3000 | 16.55 | 4.00 | 4.14 | 168 |
| 3500 | 20.55 | 5.50 | 3.74 | 151 |
| 4000 | 24.30 | 7.00 | 3.47 | 141 |
| 4500 | 30.25 | 9.30 | 3.25 | 132 |
| 5000 | 36.10 | 11.80 | 3.06 | 124 |
| 5600 | 41.35 | 17.30 | 2.39 | 97 |
| 5925 | | | | |

TEST CONDITIONS

| | |
|------------------|--------------------------|
| Water Conditions | Rough Chop |
| Wind Velocity | Not Available |
| Air Temperature | 80° F |
| Fuel Load | 22.5 Gallons |
| Weight | 1 Adult/safety equipment |

PERFORMANCE SUMMARY

| | |
|----------------------|------------------------------------|
| Top Speed | 41.4 MPH |
| Best Fuel Efficiency | 4.14 MPG For 168 Miles @ 16.55 MPH |
| Acceleration | 3.4 seconds to plane |

Fuel Data Range (Miles) Based On 90% Fuel Capacity



NOTE: Data may vary due to changes in weather and water conditions, elevation, load and boat bottom conditions, boat, engine and propeller options and conditions, and operator ability. Speed and fuel were calculated by NMEA 2000 I-Command. Test performed and certified by BRP OEM Applications Engineering.

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