

# Performance Bulletin

Test performed and certified by Yamaha application engineers

YPB#: **01188-ALM-Z**  
TEST DATE: **6-2-01**

BOAT CO.  
**ALUMACRAFT**<sup>®</sup>

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**90 TLRZ**

## SPECIFICATIONS

**BOAT MODEL:** MV 1860 AW SPL

LENGTH: **18'**

BEAM: **86"**

WEIGHT: **780 lbs.**

MAX H.P.: **90**

TRANSOM HT.: **20"**

FUEL CAPACITY: **6.6**

WEIGHT AS TESTED: **1,642 lbs.**

### ENGINE:

MODEL: **90TLRZ**

HORSEPOWER: **90**

DISPLACEMENT: **69.6 Cu. In.**

INDUCTION: **Carbureted**

WEIGHT: **261 lbs.**

GEAR RATIO: **2.00:1**

MOUNTING HEIGHT: **#1**

PROPELLER (DIAPITCH): **13 1/4" x 17" Aluminum**

PROPELLER PART #: **6E5-45945-01-EL**

### TEST CONDITIONS:

NO. OF PEOPLE: **2**

SECONDS TO PLANE: **3.36**

AIR TEMP.: **65°**

WATER TEMP.: **54°**

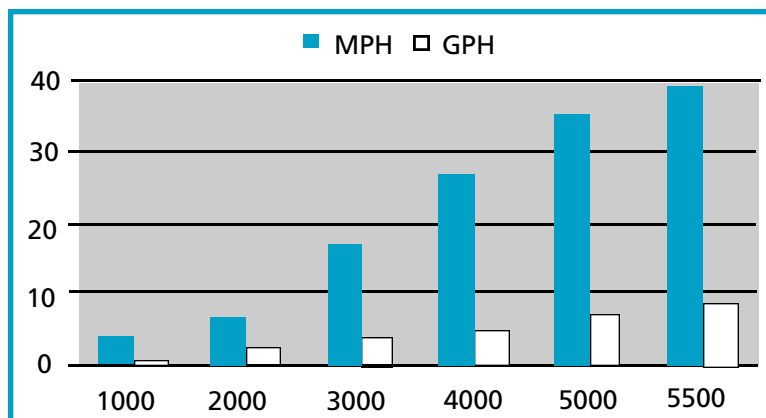
ELEVATION: **793'**

WIND VELOCITY: **0-5 MPH**

COMMENTS: **Tested with 3 gal-**

**lons of fuel, one starting battery, one deep cycle battery, bow mount trolling motor, and gear bag.**

## PERFORMANCE CURVE AND DATA



RPM	MPH	GPH	MPG	Db
<b>1000</b>	<b>4.2</b>	<b>0.8</b>	<b>5.25</b>	<b>69</b>
<b>2000</b>	<b>7.4</b>	<b>2.0</b>	<b>3.70</b>	<b>71</b>
<b>3000</b>	<b>17</b>	<b>3.6</b>	<b>4.72</b>	<b>80</b>
<b>4000</b>	<b>26.4</b>	<b>4.4</b>	<b>6.00</b>	<b>85</b>
<b>5000</b>	<b>35</b>	<b>6.8</b>	<b>5.15</b>	<b>91</b>
<b>5500</b>	<b>39.5</b>	<b>8.5</b>	<b>4.65</b>	<b>92</b>

NOTE: Data may vary due to changes in weather, elevation, load and boat bottom conditions. Fuel data gathered with Yamaha Fuel Management System. Speed data gathered with Magellan GPS receiver.

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