

## Performance Criteria



**Manufacturer:** Alumaweld

**Model:** 19 Free Drifter Jet

|                |               |
|----------------|---------------|
| Length:        | 19'           |
| Beam:          | 6' 6"         |
| Weight:        | 985 lbs.      |
| Max HP:        | 80 Jet Tiller |
| Fuel Capacity: | 37 gal.       |

| RPM           | MPH  | GPH | MPG |
|---------------|------|-----|-----|
| Idle          | 1.8  |     |     |
| 1000          | 2    |     |     |
| 1500          | 4.4  | .8  | 5.5 |
| 2000          | 5.2  | 1.1 | 4.7 |
| 2500          | 5.8  | 1.4 | 4.1 |
| 3000          | 6.5  | 1.5 | 4.3 |
| 3500          | 8.3  | 2.5 | 3.3 |
| 4000          | 22.7 | 3.7 | 6.1 |
| 4500          | 26.3 | 7.1 | 3.7 |
| WOT<br>(5000) | 31.2 | 8.6 | 3.6 |

**Power:** Single BF90 Jet Tiller

|                        |                      |
|------------------------|----------------------|
| Horsepower:            | 90                   |
| Displacement:          | 1.5 L                |
| Weight:                | 359 lbs.             |
| Gear Ratio:            | 2.33:1               |
| Mounting Height:       | 3 <sup>rd</sup> Hole |
| Prop (Material/Blades) | Aluminum Impeller    |
| Prop Manufacturer      | N/A                  |
| Prop (Diameter/Pitch)  | 73/8                 |

### Test Conditions

|                  |            |
|------------------|------------|
| No. of People:   | 2          |
| Fuel Load:       | 8 gal.     |
| Total Weight:    | 1,873 lbs. |
| Air Temperature: | 50°        |
| Test Conditions  | Calm       |
| Elevation:       | 132'       |
| Wind Velocity:   | 0-5 mph    |

Data may vary due to changes in weather, elevation and load conditions. Speed data gathered by GPS receiver.

Time to Plane: 4.91 Seconds

Acceleration 0~20 MPH: 7.53 Seconds