



Performance Criteria



Manufacturer: Northwest Jet
Model: 218 Lightning
Hull Type: Aluminum
Test Date: February 21, 2009
Mfg. Address: 2212 Commercial Ave.
 Pasco, WA 99301

Test Data

RPM	MPH	GPH	MPG
Idle	4.2	.5	8.4
1000	5.1	.7	7.3
1500	7.2	1.4	5.1
2000	8.9	2.4	3.7
2500	14.2	3.1	4.6
3000	21.7	4.6	4.7
3500	27.6	6.4	4.3
4000	30.1	7.7	3.9
4500	34.0	13.4	2.5
5000	37.3	15.9	2.3
5500	41.5	19.6	2.1
5800 (WOT)	43.3	20.1	2.1

Length:	21' 0"
Beam:	8' 0"
Weight:	2,700 lbs
Max HP:	350 hp
Fuel Capacity:	54 gal

Power: Single BF225

Horsepower:	225
Displacement:	3.5 L
Weight:	589 lbs.
Gear Ratio:	1.86:1
Mounting Height:	2 nd Hole
Prop (Material/Blades)	Aluminum (3)
Prop Manufacturer	Solas
Prop (Diameter/Pitch)	15 x 17

Test Conditions

No. of People:	2
Fuel Load:	35 gal
Total Weight:	3,899 lbs
Air Temperature:	60°
Test Conditions	Calm
Elevation:	20'
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: 4.15 Seconds

Acceleration 0~20 MPH: 4.65 Seconds