

Engine Performance Data

STP 3/25/07 912S AIRMASTER
 Sea Level 0 KIAS (chocked)

Power	MP	RPM	Fuel Flow
	Inches	Per min	US Gal/hr
95	30	5500	nm
	29	5700	nm
85	30	4950	nm
	29	5200	nm
	28	5250	6.45
	27	5500	6.00
75	27	4850	5.10
	26	5000	5.20
65	24	4900	4.00

nm = not measured

Assumptions:

- 912s always runs rich of peak
- 1" Manifold Pressure equals 3% engine Power
over range of interest
- 100 RPM equal 1.7% engine power
over range of interest
- Floscan 201b using BlueMountainAvionics factory cal
not custom calibrated

Future data collection will also include KIAS and TAS
 At 3000, 6000, 9000 MSL

IJ Rampil