

Measurement result of fuel consumption

Date July 31, 2017
 Engine **GF40U-FI**
 Propeller **APC18x10**
 Fuel Mixed regular gasoline with 2-stroke oil (50:1)
 Temperature 36.0 °C

Rotation speed rpm	Absorbing horsepower		Fuel consumption			Specific fuel consumption		
	kW	PS	ml/min	g/h	lb/h	g/kW·h	g/PS·h	lb/HP·h
2000	0.029	0.040	2.1	94.5	0.21	3212.6	2362.9	5.28
2500	0.057	0.077	2.6	117.0	0.26	2053.1	1510.0	3.38
3000	0.099	0.134	2.8	126.0	0.28	1274.8	937.6	2.10
3500	0.158	0.215	3.0	135.0	0.30	854.2	628.2	1.40
4000	0.238	0.323	3.4	153.0	0.34	643.6	473.4	1.06
4500	0.341	0.464	4.1	184.5	0.41	541.1	398.0	0.89
5000	0.471	0.640	5.1	229.5	0.51	487.4	358.5	0.80
5500	0.630	0.857	6.5	292.5	0.64	463.9	341.2	0.76
6000	0.823	1.119	8.3	373.5	0.82	453.9	333.8	0.75
6500	1.051	1.429	10.4	468.0	1.03	445.2	327.4	0.73
7000	1.319	1.793	12.8	576.0	1.27	436.8	321.3	0.72
7500	1.628	2.214	15.3	688.5	1.52	422.9	311.0	0.70
7700	1.765	2.399	16.4	738.0	1.63	418.2	307.6	0.69

