

Appendix - Resources

Fuel/Oil Mix Chart

Consult your engine maker for recommended types of gas, two-stroke oil, and desired mixes. There are different requirements for breaking in a motor (seating the rings properly) which is normally considered the first 5 hours. This table shows how to mix some common fuel/oil ratios (32:1, 40:1 and 50:1) using the markings on many oil and fuel containers. This may be helpful when the gas and oil container markings are not uniform.

For this many units of fuel	Add this many ounces of oil:			Add this many milliliters of oil:		
	at 32:1	at 40:1	at 50:1	at 32:1	at 40:1	at 50:1
1 gal	.40	.32	.26	118	.95	.76
2 gal	.80	.64	.51	237	1.89	1.51
5 gal	2.00	1.60	1.28	591	4.73	3.79
1 ltr	.11	.08	.07	31	.25	.20
2 ltr	.21	.17	.14	63	.50	.40
5 ltr	.53	.42	.34	156	1.25	1.00
10 ltr	1.06	.85	.68	313	2.50	2.00

Note the crazy English volume units: 1 US Gal = 4 quarts = 8 pints = 128 ounces = 3.785412 liters = 0.832 UK gallons
Metric units: 1 Liter = 1000 milliliters = 0.2641721 US gallon

Repair

The best resource for replacement or repair is the dealer where you bought the gear. It's likely that he/she knows where to look or what can be substituted. They will also know best whether or not replacement is necessary. Visit www.FootFlyer.com for updates to resources along with other new information relating to powered paragliding.

Instruction

A valuable resource is the www.USPPA.org web site where it lists all certified paramotor instructors. In the USA, there are solo pilot certification programs from the USPPA, USUA or USHGA. Tandem exemption programs are run by the USUA, EAA and ASC. Check with the organization for your country to find a similarly certified instructor.

Welding

Aluminum welding is very specialized and not all shops do it. Even fewer will do it if they know it's for a flying machine. Look in the yellow pages under welding—even if they don't do aluminum they should know who to call.

When you do find someone to weld, avoid describing it's primary function; rather describe one of its auxiliary uses such glorified leaf blower, ski & skate power for the vertically challenged, etc.