

FOOTHILLS AVIATION		Engine Type: 912ULS (SN:)	Carburetor Overhaul
Bing 64 s/n 0410029	Float needle valve leakage test.	73-00-00, 3.3.2	INSPECTED, OKAY
	Check diaphragm for cracks or brittleness.	73-00-00, 3.3.5	REPLACED
	Inspect needle for visible wear, none allowed. (Needle jet must be replaced along with the needle as it will also be worn.)	73-00-00, 3.3.6	REPLACED
	Check needle for free movement when installed.	73-00-00, 3.3.6	INSPECTED, OKAY
	Visually inspect outer diameter of the carburetor piston.	73-00-00, 3.3.6	INSPECTED, OKAY
	Visually inspect two inside compensation bores of piston.	73-00-00, 3.3.6	INSPECTED, OKAY
	Ensure needle position and main jet	73-00-00, 3.3.6	NEEDLE POSITION 1
	Check floats for free movement on the guide pin. When the float is at its lowest position, it still must have radial clearance and must not stick on the float chamber wall.	73-00-00, 3.3.7	INSPECTED, OKAY
	Check for wear on guide sleeves of floats.	73-00-00, 3.3.7	INSPECTED, OKAY
	Check float support pins for wear caused by excessive vibration. Replaced floats and bracket if there is any noticeable wear.	73-00-00, 3.3.7	INSPECTED, OKAY
	Check that float suspension brackets are parallel using tool 877-730. 912 series 0.4mm-0.5mm, 914 series 5.4mm-5.5mm	73-00-00, 3.3.8	INSPECTED, OKAY
	Check oval form of inner diameter of needle jet, replace if necessary	73-00-00, 3.3.9	REPLACED
	Check for correct jetting	73-00-00, 3.3.10	INSPECTED, OKAY
	Check fuel inlet for free passage.	73-00-00, 3.3.10	INSPECTED, OKAY
	Inspect the Viton tip	73-00-00, 3.3.10	REPLACED
	Inspect clip end for visible wear to the beaded edge of the sprung pin. If less than 0.5mm replace valve.	SB-912-048 73-00-00, 3.3.10	REPLACED
	Ensure rotary disc valve is marked "L" and index dot points toward cable engagement.	73-00-00, 3.3.11	INSPECTED, OKAY

FOOTHILLS AVIATION		Engine Type: 912ULS (SN:)	Carburetor Overhaul
Bing 64 s/n 040089	Float needle valve leakage test.	73-00-00, 3.3.2	INSPECTED, OKAY
	Check diaphragm for cracks or brittleness.	73-00-00, 3.3.5	REPLACED
	Inspect needle for visible wear, none allowed. (Needle jet must be replaced along with the needle as it will also be worn.)	73-00-00, 3.3.6	REPLACED
	Check needle for free movement when installed.	73-00-00, 3.3.6	INSPECTED, OKAY
	Visually inspect outer diameter of the carburetor piston.	73-00-00, 3.3.6	INSPECTED, OKAY
	Visually inspect two inside compensation bores of piston.	73-00-00, 3.3.6	INSPECTED, OKAY
	Ensure needle position and main jet	73-00-00, 3.3.6	NEEDLE POSITION 1
	Check floats for free movement on the guide pin. When the float is at its lowest position, it still must have radial clearance and must not stick on the float chamber wall.	73-00-00, 3.3.7	INSPECTED, OKAY
	Check for wear on guide sleeves of floats.	73-00-00, 3.3.7	INSPECTED, OKAY
	Check float support pins for wear caused by excessive vibration. Replaced floats and bracket if there is any noticeable wear.	73-00-00, 3.3.7	INSPECTED, OKAY
	Check that float suspension brackets are parallel using tool 877-730. 912 series 0.4mm-0.5mm, 914 series 5.4mm-5.5mm	73-00-00, 3.3.8	INSPECTED, OKAY
	Check oval form of inner diameter of needle jet, replace if necessary	73-00-00, 3.3.9	REPLACED
	Check for correct jetting	73-00-00, 3.3.10	INSPECTED, OKAY
	Check fuel inlet for free passage.	73-00-00, 3.3.10	INSPECTED, OKAY
	Inspect the Viton tip	73-00-00, 3.3.10	REPLACED
	Inspect clip end for visible wear to the beaded edge of the sprung pin. If less than 0.5mm replace valve.	SB-912-048 73-00-00, 3.3.10	REPLACED
	Ensure rotary disc valve is marked "R" and index dot points toward cable engagement.	73-00-00, 3.3.11	INSPECTED, OKAY



California Power Systems
Mr. Brian Toepfer



POWE

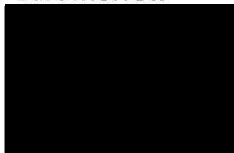
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Dear Mr. Toepfer,

We are sending a left serial# 040029 and right serial # 040089 carburetors for rebuilding. The carburetors are off of a Rotax 914 UL serial# 418601. The customer complains of the mixture being too rich at below midrange to idle. He was wondering if you could adjust the carburetors a step leaner for that operation. We will also need some additional parts, one carburetor bent tube assembly part# 861640, intake manifold o-rings part# 230910, fuel line seal rings part# 950141 and 950143. Please contact us on the costs, package quantity of parts, expected ship date and when you need to be paid.

Thanks,

Bart Morrow



orth

Kalib

2nd day air

570 ~~440~~ overhaul

① 15-03721-

① 15-05914 - 254.95

~~4200000 9981 5031~~

① 15-05010 - Bent tube

3/20 (791)

② 15-03387 - 950141 gasket

② 15-03388 -

④ 15-00081 -