

N123AB

Pre-Purchase Squawk List



Prepared by
Owen Poirier

Presented to
John Smith

About Barefoot Aviation

Barefoot Aviation LLC is a fully mobile aircraft mechanic service owned and operated by Owen Poirier a certificated A&P/IA and commercial pilot. Barefoot began in 2020 and has been providing high quality service to its customers coast to coast on any general aviation aircraft.



904-362-7645



info@barefootaviation.com



www.barefootaviation.com



[www.facebook/barefootaviation](https://www.facebook.com/barefootaviation)



On-Site Pre-Buy Findings



Squawks				
Item	Description	Reference	Recomendations	Estimated Correction Cost
-	<p>Engine compressions noted as follows: 1)77/80 2)72/80 3)78/80 4)77/80 5)74/80 6)76/80</p>	IO520MM	All compressions are at an acceptable level. Monitor engine health with regular compression testing and borescope inspections	-
1	All cylinders show signs of cylinder wall corrosion	IO520MM	Corrosion will most likely be removed with use, but needs to be monitored strictly	-
2	LH exhaust muffler flame cone missing. Internal baffling has disintegrated (AIRWORTHINESS ITEM)	IO520MM	Remove and replace LH muffler <u>PN:A14836-001</u>	\$800
3	Cylinder #3 EGT probe clamp has cracked near probe	IO520MM	Remove and replace probe	\$250
4	Crankshaft shows pitting between propeller flange and crankshaft/case seal. See TCM SB09-14 (AIRWORTHINESS ITEM)	IO520MM	Repair crankshaft per requirements of SB09-14	UNK
5	LH magneto data plate loose at rivets	Bendix Magneto MM	Secure mag data plate	\$100

On-Site Pre-Buy Findings



Squawks Cont.

Item	Description	Reference	Reccomendations	Estimated Correction Cost
6	Popped rivet in center rubber baffling around magnetos	SR22 MM	Remove and replace rivet	\$25
7	Spinner cracked at TKS drip nozzle. Nozzles are chafing spinner. (AIRWORTHINESS ITME)	Hartzelle CS Prop MM	Dress spinner to remove cracks. Adjust TKS nozzle to prevent chafing	\$250
8	Propeller TKS boots cracking and dry-rotting	Hartzelle CS Prop MM	Apply PBS boot sealant to preserve boots. Eventually these will need to be replaced if they begin to tear	\$350
9	Battery #2 is past the 2 year replacement recommendation	SR22 MM	Remove and replace #2 batteries <u>PN:50979-001</u>	\$400
10	LH/RH wing fuel vent panels cracked near fuel vent inlet. Tygon tubing is stiff and clamps are rusting (AIRWORTHINESS ITEM)	SR22 MM	Repair/replace fuel tank vent inlets. Remove and replace tygon vent tubing and clamps	\$450

On-Site Pre-Buy Findings



Squawks Cont.

Item	Description	Reference	Reccomendations	Estimated Correction Cost
11	LH wing, inboard fuel sending unit leaking at base gasket (AIRWORTHINESS ITEM)	SR22 MM	De-fuel tank. Remove and replace base gasket, complete a leak check	\$350
12	Popped rivet noted in RH wing, inboard TKS panel (AIRWORTHINESS ITEM)	SR22 MM	Install new rivet as required	\$100
13	Upper fueslage antenna seals dry and deteriorating	SR22 MM	Reseal bases of antennas	\$350
14	Main cabin door foam seals deteriorating	SR22 MM	Remove and replace seals	\$350
15	Ignition switch loose in panel (AIRWORTHINESS ITEM)	SB2X-74-02	Comply with Cirrus SB2X-74-02	\$150

On-Site Pre-Buy Findings



Squawks Cont.

Item	Description	Reference	Reccomendations	Estimated Correction Cost
16	Avionics had numerous faults during run-up (AIRWORTHINESS ITEM)	SR22 MM	Owner had swapped #2 430 with similar unit for repair. Configuration errors were found that need to be corrected	UNK
17	Aft RH overhead light missing switch cover	SR22 MM	Install switch cover as needed	UNK
18	Cirrus SB2X-95-27R Rocket Ignitor Replacement overdue (AIRWORTHINESS ITEM)	SB2X-95-27R	Comply with mandatory SB by replacement of rocket ignitor assembly	UNK
19	Cirrus SB2X-95-31R1 due at next repack	SB2X-95-31R1	Comply with SB at rocket/chute repack	UNK
20	Cirrus SB2X-25-30R1 Crew Seat Break-Over is due	SB2X-25-30R1	Comply with SB by inspection seat break-over tension	\$250

On-Site Pre-Buy Findings



Life Limited Items			
1	CAPS Rocket Motor & Parachute	10 Years	Due 5/11/2026
2	CAPS Reefing Line Cutters	6 Years	Due 3/1/2025
3	AM-Safe Inflators EAM	7 Years	Due 6/20/2029
4	AM-Safe Inflator Assemblies	12 Years	Due 1/1/2030
5	Battery #2	2 Years	Overdue. Last replaced 5/28/2021

**Click here for all
prepurchase inspection
photos**

On-Site Prebuy Findings



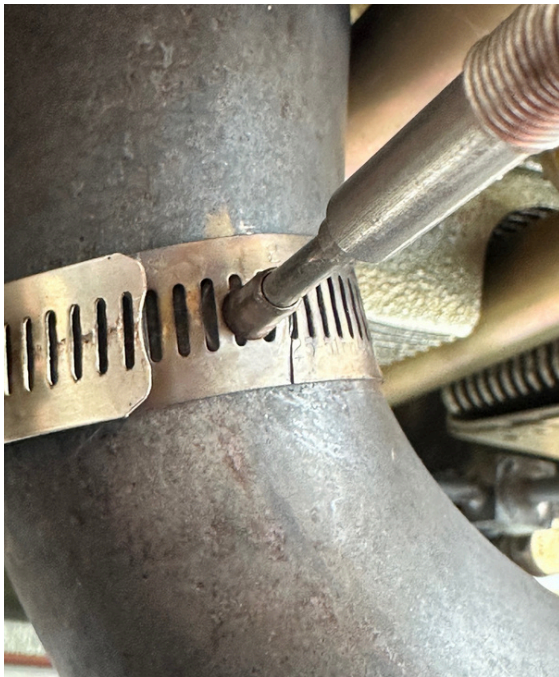
Item #1



Item #2



Item #3



Item #4



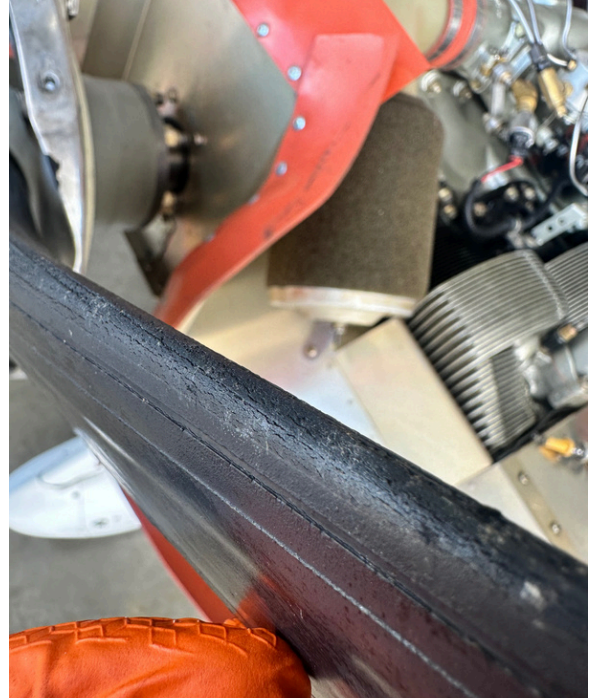
On-Site Prebuy Findings



Item #7



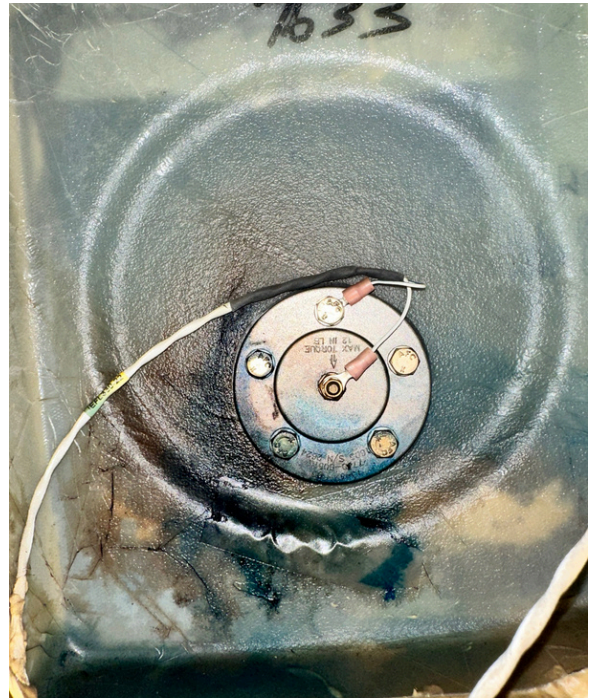
Item #8



Item #10



Item #11



On-Site Prebuy Findings



Item #12



Item #13



Item #14



Item #17

