

**Waterford Aviation, Inc.**

6545 Highland Rd
 Suite 900
 Waterford, MI 48327
 Phone: 248-724-2400
 Email: mx@waterfordaviationinc.com
 Date: 10/1/2021, 1:24 PM

CUSTOMER INFORMATION

Todd Ellwood
 380 Delaney's Dr.
 Powell, OH 43065
 Reg No: N310VP
 2001 Cirrus Aircraft SR22
 Current A/C TT: 2125.8, Hobbs: 2125.6
 A/C Serial: 0054
 Terms: Due on Receipt

Customer Invoice
Work Order: 7089-08-2021

Total Balance Due \$11,355.62 (See Below For Cost Detail)

Item: 1 - Airworthy Airframe**Discrepancy**

Complete 10-Year CAPS Overhaul

Hours
 Flat 4,335.00

Includes complimentary polish & wax of aircraft exterior

Turn time is 10 business days

Lead time for parts is 6-8 weeks from the date the order is placed. Deposit of \$10,000 is required prior to ordering of parts. c

Corrective Action

Completed 10-year overhaul of Cirrus CAPS system, complied with SB2x-95-17R3. Installed new Packed Parachute Assembly SR22, P/N: 25337-006, S/N: 1291. Parachute replacement due again July 30, 2031. Installed new Rocket Motor Assembly 3400lb, P/N: 29500-405, S/N: 4521. Rocket replacement due again July 30, 2031. Installed new Frangible Link Assembly, P/N: 29705-402 Rev C, Electronic Ignition Retrofit Kit (P/N: 70268-001), and Rocket Retrofit Kit (P/N: 70269-001). Installed new CAPS cover kit, P/N: COVER-KIT and performed cosmetic finishing and paint work of panel IAW Cirrus SR22 AMM chapter 51. All work performed IAW Cirrus Maintenance Manual, Cirrus Component Maintenance Manual and SB2x-95-17R3. Updated POH with revised weight and balance and TPOH13-08R1.

Outside Repair:

Weathers Refinishing, Amount: 1,000.00

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1	EA	12430-001	Placard, CAPS Cover		7.69	7.69
1	EA	25337-006	PACKED PARACHUTE ASSEMBLY 3400 LB NEW FOR G1 AIRCRAFT	1294	5,100.00	5,100.00
1	EA	29500-405	ASSEMBLY, MOTOR, ROCKET, DOMESTIC KIT, 3400 LB	4521	3,550.00	3,550.00
1	EA	29705-402	Frangible Link, KIT (Retail Price: 257.55)		257.55	257.55
2	EA	50013-201-200G	Teta, Hardner, 3234 Epi-Cure, 200Gr		4.90	9.80
1	EA	50013-401-400G	50013-401-400G		16.32	16.32
1	EA	70268-001	Electronic Ignition Kit		1,431.46	1,431.46
1	EA	70269-001	Rocket retrofit kit		875.00	875.00
1	EA	COVER-KIT	Fuselage cover kit		156.40	156.40

Labor: \$4,335.00 Parts: \$11,404.22 Shipping: \$600.00 Outside Repair: \$1,000.00 Item Subtotal: \$17,339.22

Item: 2 - Airworthy Airframe**Discrepancy**

Cirrus SR22 - Annual Inspection - Airframe

Hours
 Flat 2,040.00

Corrective Action

Completed Annual Inspection in scope & detail of FAR 43 App. D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2021-20. Replaced BA24 Induction filter with new. Lubricated airframe as required. I certify that this Airframe has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1	EA	50802-001	Walnut (Retail Price: 2.85)		2.85	2.85

1 EA	51696-003	Temp Label (Yellow)	1.39	1.39
1 EA	BA-24	Filter Element	25.90	25.90
Labor: \$2,040.00			Parts: \$30.14	Shipping: \$0.00
Outside Repair: \$0.00			Item Subtotal: \$2,070.14	

Item: 3 - Airworthy Airframe

Discrepancy	Hours	Subtotal
ELT Inspection - FAR 91.207(d)	N/C	0.00
Corrective Action		
Tested and inspected ELT IAW FAR 91.207(d). Ops checks good. Battery replacement due 12/2023.		
Labor: \$0.00		
Parts: \$0.00		
Shipping: \$0.00		
Outside Repair: \$0.00		
Item Subtotal: \$0.00		

Item: 4 - Airworthy Engine

Discrepancy	Hours	Subtotal
Cirrus SR22 - Complete Annual Inspection - Engine	N/C	0.00
Corrective Action		
Completed Annual Inspection in scope & detail of FAR 43 App. D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2021-20. Performed differential compression check. #1: 62, #2: 62, #3: 68, #4: 70, #5: 68, #6: 70, MO: 45, all over 60 PSI. Performed borecope inspection of cylinders. Lubricated engine controls as required. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.		
Labor: \$0.00		
Parts: \$0.00		
Shipping: \$0.00		
Outside Repair: \$0.00		
Item Subtotal: \$0.00		

Item: 5 - Airworthy Engine

Discrepancy	Hours	Subtotal				
Oil change	0.32	32.64				
Corrective Action						
Drained oil and took sample for evaluation by blackstone labs. Removed filter and inspected for contaminants, none found. Installed new AA48109 oil filter and serviced engine with 7 quarts Philips 20W50XC and Camguard oil supplement. All work performed IAW Continental M-0 Standard Practices Manual 6-4.						
Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
7	QT	20w50XC BULK	Phillips 20w-50 X/C - bulk rate (Retail Price: 6.52)		6.52	45.62
1	EA	AA48109	Filter, Tempest (Retail Price: 32.86)		32.86	32.86
1	EA	Blackstone Oil Sample	Blackstone Oil Sample		35.00	35.00
1	EA	Camguard - Aviation	ASL Aviation CamGuard Oil Treatment (Retail Price: 26.23)		26.23	26.23
Labor: \$32.64			Parts: \$139.71	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal: \$172.35

Item: 6 - Airworthy Prop

Discrepancy	Hours	Subtotal
Cirrus SR22 - Annual Inspection - Propeller	N/C	0.00
Corrective Action		
Complete Annual Inspection in scope & detail of FAR 43 App. D and using Cirrus SR22 Service Manual Checklist as a guide. Researched AD's thru bi-weekly 2021-20. I certify that this Propeller has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.		
Labor: \$0.00		
Parts: \$0.00		
Shipping: \$0.00		
Outside Repair: \$0.00		
Item Subtotal: \$0.00		

Item: 7 - Pitot Static

Discrepancy	Hours	Subtotal
IFR: Cert due in November.	N/C	0.00

Recommend completion while aircraft in for service.

Corrective Action

Completed by Top Flight Avionics

Outside Repair:

Top Flight Avionics, Amount: 475.00

Labor: \$0.00	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$475.00	Item Subtotal:	\$475.00
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Item: 8 - Airworthy Airframe

Discrepancy	Hours	Subtotal
Wire bundle under copilot floor contacting control cables.	N/C	0.00

Wiring requires securing to prevent chaffing/wear.

Corrective Action

Positioned and secured wire bundle under center fuselage floor to prevent chaffing/wear.

Labor: \$0.00	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$0.00
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Item: 9 - Airworthy Airframe

Discrepancy	Hours	Subtotal
Rear window disbonded at trailing edge.	4.75	457.56

Requires removing and resealing/reinstalling rear window.

Corrective Action

Removed and reinstalled/sealed aft fuselage window with PR182981-2 IAW Cirrus SR22 AMM chapter 56-10.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1	EA	PR182981-2	SEALANT: 654 SEMKIT.5OZ, PRC DeSoto		122.25	122.25

Labor: \$487.56	Parts: \$122.25	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$609.81
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Item: 10 - Airworthy Airframe

Discrepancy	Hours	Subtotal
Muffler/tailpipe rubber support and ground wire broken.	1.12	114.24

Support and ground wire require replacement.

Corrective Action

Fabricated new tailpipe hanger with same material & specification nylon mat. Installed new MS25063-6806 ground strap.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1	EA	MS25063-6806	Strap, 6" Braided_(5)		10.00	10.00

Labor: \$114.24	Parts: \$10.00	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$124.24
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Item: 11 - Airworthy Airframe

Discrepancy	Hours	Subtotal
Rudder trim horn rivets are loose, appear to have been previously replaced and may require straightening skin.	0.83	64.66

Rivets require replacement.

Corrective Action

Installed new rivets on yaw trim balance tab.

Labor: \$64.66	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$64.66
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Item: 12 - Airframe Recommended

	Hours	Subtotal
Discrepancy Rear seat cupholders have come loose from fuselage.	0.25	25.50

Recommend removing old adhesive and re securing with 2-sided VHB tape

Corrective Action

Resecured rear seat cupholders to floor structure as required.

Labor: \$25.50	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$25.50
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Item: 13 - Owner Discrepancy

	Hours	Subtotal
Discrepancy Radio reception scratchy during flight to PTK.	0.20	20.40

Could not duplicate during initial run up, checked engine and antenna grounds, no visible defects noted. Recommend cleaning grounding planes for a COMM antenna and engine grounds.

Corrective Action

Cleaned engine ground bar and Comm antenna grounds. Performed ground run of engine, all ops check good, radio checks good.

Labor: \$20.40	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$20.40
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Item: 14 - Customer Rejected

	Hours	Subtotal
Discrepancy Dynamic propeller balance using the ACES2020 system.	Rejected	0.00

This recommended item is to help reduce in flight vibration by balancing the propeller with the engine/airframe. This can reduce pilot fatigue, increase instrument life, and reduce stress on the engine and baffling.

Corrective Action

Customer declined any corrective action at this time.

Labor: \$0.00	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$0.00
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Item: 15 - Customer Notes

	Hours	Subtotal
Discrepancy Items of note for customer awareness and planning:	N/C	0.00

- Minor play noted throughout rudder and elevator system in tail. No single source of play, slight play in all bushings and rod ends contributes to minor/moderate play in system, recommend monitoring system

- Customer notes presence of multiple hairline cracks on wings and fuselage. Evaluated cracks and determine them to be superficial, affecting paint/body filler and no cause for concern

- Customer notes vibration from nose wheel on recent flights, found nose wheel axle and nose spindle torque low and adjusted tension as required and Resecured as part of annual servicing.

- Magnetos due in 74 hours for 500 hour inspection. Recommend compliance at next annual based on flight times.

Corrective Action

Labor: \$0.00	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$0.00	Item Subtotal:	\$0.00
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Item: 16 - Avionics Service

	Hours	Subtotal
Discrepancy Customer request for memory battery replacement in #2 GNS430.	0.00	0.00

Corrective Action

Completed by Top Flight Avionics - see their work order 21587.

Outside Repair:

Top Flight Avionics, Amount: 291.50

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WFO: 7089-08-2021

Labor: \$0.00	Parts: \$0.00	Shipping: \$0.00	Outside Repair: \$291.50	Item Subtotal: \$291.50
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Please see the next page for the totals for this invoice

Additional Charges							Subtotal
Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	
0.00	0.00	0.00	0.00	142.80	0.00	0.00	\$142.80
Labor Summary							
Shop Labor: \$7,140.00		Outside Repair: \$1,766.50					
							Total Labor: \$7,140.00
							Total Parts: \$11,706.32
							Total Shipping: \$600.00
							Total Outside Repair: \$1,766.50
							Additional Charges: \$142.80
							Tax: \$0.00
							Amount Due: \$21,355.62
							Deposits & Credits: \$10,000.00
							Balance Due: \$11,355.62

Important Information

Waterford Aviation, Inc. Terms & Conditions

These terms and conditions ("Terms and Conditions") accompany Waterford Aviation, Inc. ("WATERFORD") Work Order, if accepted, and together forms the complete agreement between WATERFORD and Customer ("Agreement"). Customer is deemed to accept the work itemized in the Work Order and these Terms and Conditions by a written or electronic acknowledgment or by commencement of work as contemplated by this Agreement.

GENERAL TERMS AND CONDITIONS

- 1. Authority to Execute:** The person signing this agreement ("Customer") has actual authority, as owner of the aircraft or authorized agent for the owner of the aircraft, to authorize WATERFORD to undertake and perform all repair services requested, contemplated, or deemed necessary for the aircraft, as determined by the Work Order unless expressly modified by Customer. When applicable, all references to customer noted in this contract include the owner of the aircraft.
- 2. Scope of Repairs and Services:** Repair and services include, but are not limited to, the furnishing of labor, parts, materials, components, appliances, and supplies for the purpose of repairing, restoring, replacing or upgrading the component or aircraft and any items located thereon or attached thereto. Repair and services do not include freight charges, fuel or flight costs, and any applicable government taxes or fees, which may also become due and payable.
- 3. Right of Possession:** WATERFORD is entitled to payment for all repair and services performed on the component or the aircraft. Until such time as the total amounts owed have been paid, WATERFORD has a right to maintain possession of the component and aircraft and all original logbooks associated therewith. Upon full payment for all repair and services performed on the component or aircraft, WATERFORD shall release the aircraft and its accompanying original logbooks to the customer or any other person so designated, in writing, by the owner of the aircraft.
- 4. Payment Terms:** Unless otherwise agreed upon in writing, payment for repair services are due and payable upon demand. After thirty (30) days, all unpaid balances are subject to one and a half percent (1.5%) per month / eighteen percent (18%) annual percentage rate calculated on the unpaid balance due. WATERFORD prefers payment by cash or check, but in its sole discretion will accept payment by VISA or Mastercard with an additional four percent (4.0%) surcharge. If payment in good funds is not tendered to WATERFORD within thirty (30) days from the time that fees for repair and services become due and payable, WATERFORD is entitled to file and record a mechanic's lien for payments due, which may be enforced in accordance with applicable State of Michigan Statutes. This contract is in no way intended to waive the application of Michigan's lien statutes. WATERFORD is not liable for any damages caused by delay in returning the aircraft to service when the delay is due to failure to make full payment when due.
- 5. Fees for Storage:** In the event that WATERFORD is required to maintain possession of the aircraft due to nonpayment of repair and services, WATERFORD is entitled to collect a fee for storage or storage equal to that amount WATERFORD customarily charges for storage of an aircraft or component of like type, commencing upon ten (10) days following notice to Customer that all repair and services are complete. WATERFORD shall thereafter be entitled to maintain and enforce a lien for storage.
- 6. No Bailment:** No bailment is created by WATERFORD's possession of the aircraft. The Customer bears the risk of loss of the aircraft or component due to unforeseen hazards or events. WATERFORD shall not be liable for any failure to perform repair or services due to causes beyond its control, including but not limited to strikes, lockouts or other labor difficulties, machinery breakdowns, inability to obtain transportation, delays of carriers or suppliers, fires, floods, acts of God, acts of terrorism, war or other outbreaks of hostilities, and any foreign or domestic embargoes. Under no circumstances shall either party be liable to the other party for indirect, consequential, special, or exemplary damages, whether in contract or tort (including strict liability and negligence) such as, but not limited to, loss of use or diminution in value.
- 7. No Waiver:** The failure of WATERFORD to immediately enforce any provision, right, or remedy of this contract does not waive the right of WATERFORD to enforce the provision, right, or remedy at some later time, nor does it preclude the right of WATERFORD to enforce any other