Sikorsky Memorial Airport 400 Great Meadow Road Stratford, CT 06615 Telephone: 203-375-5795

Work Order/Invoice: MA-25-6551

Opened: 2/14/2025

Close Date: 4/28/2025

Sold To: Chris Lavin

7 East Meadow Road Westport, CT 06880

Aircraft Number:	N84BE	Type:A	\36		S/N: E-2114	
Total Time:	3,037.5	Hobbs Time:	163.2	Tach Time:	LG Cycles:	
Eng# Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1 IO-550-B	296528-R	1,276.6		D3A32C409	831492	224.2

Item: 1

Description:

ANNUAL INSPECTION

36 Hours Flat Rate Inspection - (Open aircraft, initial inspection and close aircraft). (Please note the inspection of completed, repaired items is additional).

Action Taken:

Complied with per FAR 43 Appendix D. Note: 8.6 Hours time in service since last Annual Inspection 1/6/2024.

Charges This Item:	Flat-Fee Labor: \$	\$ 5,400.00
	Total For This Item: \$	\$ 5,400.00

Item: 2

Description:

E2 Engine cylinders compression check.

Action Taken:

Complied with engine cylinders compression check: #1-64/80; #2-68/80; #3-59/80; #4-49/80; #5-74/80; #6-58/80.

Charges This Item:	Flat-Fee Labor:	\$ 150.00
	Total For This Item:	\$ 150.00

Item: 3

Description:

E3 Inspect and service spark plugs.

Action Taken:

All spark plugs cleaned, gapped, tested, rotated, and reinstalled using new p/n M674 gaskets.

Charges Th	nis Item:				Flat-Fee Labor: \$	240.00
Part Number	Description	Credi	t Quantity	Units	Unit Price	Extended
M674	GASKET, SPARK PLUG		12.00	Each	1.380 \$	16.56
	·			Т	otal For This Item: \$	256.56

Item: 4

Description:

E4,E5,E16,E17 Change engine oil and filter. Take oil sample for spectrometric analysis.

Action Taken:

Complied with. Changed engine oil and filter. Took engine oil sample for spectrometric analysis. Cut open and visually inspected old filter. Installed new p/n CH48109-1 filter and safetied. Cleaned engine and lubed engine controls. Serviced engine with 12 quarts of Phillips 20W50 XC oil.

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Charges This Item:					Flat-Fee Labor: \$	345.00
Part Number	Description	Cred	lit Quantity	Units	Unit Price	Extended
OIL DISPOSAL	OIL DISPOSAL		1.00	Each	3.000 \$	3.00
SOLVENT	CLEANER NO-CHLOR		1.00	Quart	10.000 \$	10.00
MROOIL, PHILLIPS 20W50X/C	OIL, PHILLIPS X/C AD		12.00	QT	8.990	107.88
GA-001-SP	Oil Analysis W/ Shipping Label		1.00	Each	30.000 \$	30.00
CH48109-1	OIL FILTER		1.00	Each	84.000 \$	84.00
				Т	otal For This Item: \$	579.88

Item: 5

Description:

E6 Engine oil suction screen service.

Action Taken:

Not applicable.

Total For This Item: \$ N/C

Item: 6

Description:

E7 Magnetos timing check.

Action Taken:

Left magneto timing checked at 22.5° BTDC #1 cylinder. Right magneto timing checked at 22° BTDC #1 cylinder.

Charges This Item:	Flat-Fee Labor:	\$ 90.00
	Total For This Item:	\$ 90.00

Item: 7

Description:

E9 Engine fuel controller fuel inlet screen service.

Action Taken:

Fuel controller fuel inlet screen visually inspected, cleaned, and reinstalled. No leaks noted.

Charges This Item:	0.40 Hours @ 150.00 S	\$ 60.00
	Total For This Item: §	60.00

Item: 8

Description:

E13 Dress propeller blades leading edges and paint face of blades flat black.

Action Taken:

Complied with. Dressed propeller blades leading edges and painted face of blades flat black.

Charges This Item:	Flat-Fee Labor: \$	150.00
	Total For This Item: \$	150.00

Item: 9

Description:

E14 Induction air filter service.

Action Taken:

Installed new p/n BA7112 induction air filter.

Charges This Item:					Flat-Fee Labor: \$	75.00
Part Number	Description	Cred	it Quantity	Units	Unit Price	Extended
BA7112	FILTER ELEMENT		1.00	Each	25.420 \$	25.42
				Т.	otal For This Item: \$	100.42

Item: 10

Description:

A3,A9,A20,A26 Flight controls service.

Action Taken:

Lubed all exterior flight control hinges and rod-ends.

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Three Wing Aviation Group, LLC
Sikorsky Memorial Airport
400 Great Meadow Road
Stratford, CT 06615

Item: 11 Description:	Stratford, C Telephone: 20		
Total For This Item: \$ 225.0	Charges This Item:	Flat-Fee Labor:	\$ 225.00
Description: A10 Main fuel filter service. Action Taken: Visually inspected main fuel filter, cleaned, reinstalled bowl and safetied. No leaks noted. Flat-Fee Labor: \$ 75.0	Charges the norm	111 111 1111	•
Action Taken: Charges This Item:	Item: 11		
Visually inspected main fuel filter, cleaned, reinstalled bowl and safetied. No leaks noted. Charges This Item: \$ 75.0			
Charges This Item: Flat-Fee Labor: \$ 75.0		afetied. No leaks noted.	
Item: 12 Description: A11 Vacuum regulator filter service. Action Taken: Not applicable. Total For This Item: S Not applicable. Not applicab	Charges This Item:	Flat-Fee Labor:	\$ 75.0
Description: Art 1 Vacuum regulator filter service.		Total For This Item:	\$ 75.0
Action Taken: Not applicable. Total For This Item: \$ N/ Item: 13 Description: A12 Electric fuel pump service. Action Taken: Not applicable. Total For This Item: \$ N/ Item: 14 Description: A13 Hydraulic filter service. Action Taken: Not applicable. Total For This Item: \$ N/ Item: 15 Description: A14, A29,A38 Airframe service. Action Taken: Serviced tires with air: N = 40 psi; M = 33-40 psi. Serviced brake reservoir. Charges This Item: \$ 75.0 Item: 16 Description: A25 Portable fire extinguisher inspection. Action Taken: Not applicable. No fire extinguisher installed. Total For This Item: \$ N/ Item: 17 Description: A28 ELT inspection. A29 A29 State State ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: \$ 90.0	Item: 12		
Not applicable. Total For This Item: \$ Not			
Total For This Item: \$ N/	Action Taken:		
Item: 13 Description: At 2 Electric fuel pump service.	Not applicable.		
Description: A12 Electric fuel pump service.		Total For This Item:	\$ N/
Action Taken: Not applicable. Total For This Item: \$ N/ Item: 14	Item: 13		
Not applicable. Total For This Item: \$ N/Item: 14			
Rem: 14 Description: All Hydraulic filter service. Action Taken: Not applicable. Not appli			
Item: 14 Description: A13 Hydraulic filter service. Action Taken: Not applicable. Total For This Item: \$ N/ Item: 15 Description: A14,A29,A38 Airframe service. Action Taken: Serviced tires with air: N = 40 psi; M = 33-40 psi. Serviced brake reservoir. Flat-Fee Labor: \$ 75.0 Item: 16 Total For This Item: \$ 75.0 Item: 16 Description: A25 Portable fire extinguisher inspection. Action Taken: Not applicable. No fire extinguisher installed. Total For This Item: \$ N/ Item: 17 Description: A28	Not applicable.		
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Action Taken: Not applicable. Total For This Item: \$ N/ Item: 15 Description: A14,A29,A38 Airframe service. Action Taken: Serviced tires with air: N = 40 psi; M = 33-40 psi. Serviced brake reservoir. Charges This Item: Flat-Fee Labor: \$ 75.0 Total For This Item: \$ 75.0 Item: 16 Description: A25 Portable fire extinguisher inspection. Action Taken: Not applicable. No fire extinguisher installed. Total For This Item: \$ N/ Item: 17 Description: A28 ELT inspection. A28 ELT inspection. A29 ELT inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.0			
Not applicable. Total For This Item: \$ N/ Item: 15 Description: A14,A29,A38 Airframe service. Action Taken: Serviced tires with air: N = 40 psi; M = 33-40 psi. Serviced brake reservoir. Charges This Item: Flat-Fee Labor: \$ 75.0 Total For This Item: \$ 75.0 Item: 16 Description: A25 Portable fire extinguisher inspection. Action Taken: Not applicable. No fire extinguisher installed. Total For This Item: \$ N/ Item: 17 Description: A28 ELT inspection. A29 ELT inspection. A210 Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26.	•		
Item: 15 Description:			
Description: A14,A29,A38 Airframe service. Action Taken: Serviced tires with air: N = 40 psi; M = 33-40 psi. Serviced brake reservoir. Flat-Fee Labor: \$ 75.0	Not applicable.		
Description: A14,A29,A38 Airframe service. Action Taken: Serviced tires with air: N = 40 psi; M = 33-40 psi. Serviced brake reservoir. Charges This Item: Charges This Item: Charges This Item: Total For This Item: Description: A25 Portable fire extinguisher inspection. Action Taken: Not applicable. No fire extinguisher installed. Total For This Item: Not applicable. No fire extinguisher installed. Total For This Item: Not applicable. No fire extinguisher installed. Action Taken: Inspection: A26 ELT inspection. Action Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26.		Total For This Item:	\$ N/
Action Taken: Serviced tires with air: N = 40 psi; M = 33-40 psi. Serviced brake reservoir. Charges This Item: Total For This Item: Not applicable. No fire extinguisher installed. Total For This Item: Not applicable. No fire extinguisher installed. Charges This Item: Serviced brake reservoir. Flat-Fee Labor: Total For This Item: Not applicable. Not applicable. No fire extinguisher installed. Total For This Item: Not applicable. Not applicable. No fire extinguisher installed. Total For This Item: Not applicable. Not applicable. No fire extinguisher installed. Total For This Item: Not applicable. Not applicable. No fire extinguisher installed. Not applicable. No fire extinguisher installed. Not applicable. No fire extinguisher installed. Not applicable. Serviced brakereservoir.			
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Item: 16 Description: A25 Portable fire extinguisher inspection.		eservoir.	
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A25 Portable fire extinguisher inspection. Action Taken: Not applicable. No fire extinguisher installed. Total For This Item: \$ N/ Item: 17 Description: A28 ELT inspection. Action Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.0	Item: 16		
Action Taken: Not applicable. No fire extinguisher installed. Total For This Item: \$ N/ Item: 17 Description: A28 ELT inspection. Action Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.0			
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Item: 17 Description: A28 ELT inspection. Action Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.00			
Item: 17 Description: A28 ELT inspection. Action Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.00	Not applicable. No fire extinguisher installed.		
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A28 ELT inspection. Action Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.00			
Action Taken: Inspected and ops tested ELT m/n ELT-10 s/n A22413 per FAR 91.207(d). Battery replacement is due 11/2024. Reinstalled ELT in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.0			
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in aircraft and armed. Ops checked good. See item #26. Charges This Item: Flat-Fee Labor: \$ 90.0		I.207(d). Battery replacement is due 11/2024. Reir	nstalled ELT
		. (.,,,,	
	Charges This Item:	Flat-Fee Labor:	\$ 90.0
	-		1 2

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Telephone: 203-375-5795 Item: 18 **Description:** A33,A36 Landing gear service. **Action Taken:** Landing gear cleaned and lubed. Charges This Item: Flat-Fee Labor: \$ 375.00 Total For This Item: \$ 375.00 Item: 19 Description: A35 Remove and inspect wheels, brakes, tires. **Action Taken:** Removed and inspected wheels, tires, and brakes. Cleaned and visually inspected all wheel bearings. Repacked all wheel bearings with grease. Reinstalled wheels and brakes and resafetied wheels. Charges This Item: Flat-Fee Labor: |\$ 450.00 Total For This Item: \$ 450.00 Item: 20 **Description:** A39 Landing gear ops check. **Action Taken:** Jacked aircraft and performed landing gear operation check - normal and emergency. Ops checked good. Flat-Fee Labor: \$ 450.00 Charges This Item: Total For This Item: \$ 450.00 Item: 21 **Description:** A41,A42 Check operation of all lights, pitot heat, and stall warning. **Action Taken:** Complied with. All lights, pitot heat, and stall warning ops checked good. Charges This Item: Flat-Fee Labor: |\$ 45.00 Total For This Item: \$ 45.00 Item: 22 **Description:** 22 Research aircraft records for Airworthiness Directives compliance, component times, Instructions for Continued Airworthiness, Service Bulletins, etc. Action Taken: Complied with. Charges This Item: 1.80 Hours @ 150.00 \$ 270.00 Total For This Item: \$ 270.00 Item: 23 23 Cylinder #2 and #3 bottom plug ignition leads siezed causing the plugs to spin. **Action Taken:** Modified tool to hold spark plug in place and removed ignition leads from plugs. Charges This Item: 0.60 Hours @ 150.00 \$ 90.00 90.00 Total For This Item: \$ Item: 24

Description:

24 Left and right main gear struts are low. (Est 0.8)

Action Taken:

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Serviced left main gear strut with nitrogen to 3 3/4" extension. Serviced right strut with nitrogen to 3 1/2".

 Charges This Item:
 0.70 Hours @ 150.00 \$ 105.00

 Total For This Item:
 \$ 105.00

Item: 25

Description:

25 Cylinders #3, #4 and #6 had low compression.

Action Taken:

Borescoped cylinders #3, #4 and #6. Inspected intake / exhaust valves for signs of leaks and condition. No leaks found. Condition checked good.

Charges This Item:	\$	75.00
	\$	75.00

Item: 26

Description:

26 Narco ELT battery is expired 11/2024.

Action Taken:

Removed and replaced ELT battery pack with new MERL BP-1010 battery pack. Performed ops check. Ops checked good. Battery replacement is due 3/2027. Reinstalled ELT in aircraft. Ops checked ELT remote switch. Remote switch checked failed ELT battery connection found loose on unit board. Resoldered connection and reinstalled ELT. ELT remote switch checked good.

Charges Thi	is Item:		1	.50 Hours	s @ 150.00	\$	225.00
Part Number	Description	Cre	dit Quantity	Units	Unit Price)	Extended
BP-1010	ELT Battery		1.00	Each	129.750	\$	129.75
	Freight		1.00		16.010	\$	16.01
	Total For This Item: \$			\$	370.76		

Item: 27

Description:

27 Replace central air filter.

Action Taken:

Removed and replaced instrument air filter with new p/n D9-14-5 filter.

Charges T	his Item:		0	.30 Hours	s @ 150.00 \$	45.00
Part Number	Description	Cred	lit Quantity	Units	Unit Price	Extended
D9-14-5	FILTER-INLET		1.00	Each	69.190 \$	69.19
			Total For This Item: \$			114.19

Item: 28

Description:

28 Remove battery and perform capacity check. (Est 0.8)

Action Taken:

Removed battery p/n R24-16 s/n 41005997 and placed on charger. Performed capacity check. Battery failed at 79.4%. Recharged battery. Performed conditioning charge and retested. Battery passed 100%. Recharged and reinstalled Concord battery p/n RG24-16 s/n 41005997. Installed chafe protection on the positive cable.

Charges This Item:	0.80 Hours @ 150.00 \$	120.00
	Total For This Item: \$	120.00

Item: 29

Description:

29 Battery box aft wall is corroding around hardware.

Action Taken:

Removed battery box. Scraped areas clean and neutralized with baking soda. Sanded and coated interior with Randolph acid proof black paint.

Charges This Item:	0.80 Hours @ 150.00	120.00

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Total For This Item: \$ 120.00

Item: 30

Description:

30 Corrosion patch dime size was noted under the battery box.

Action Taken:

Found corrosion under the battery box. Scarped off, sanded, and treated surface with baking soda. Applied Randolph battery box acid proof paint to protect.

Charges This Item:	0.20 Hours @ 150.00	\$ 30.00
	Total For This Item:	\$ 30.00

Item: 31

Description:

31 Battery cooling duct is disintegrated.

Action Taken:

Replaced damaged battery cooling duct with new duct p/n BE709-4-30-6. Installed new breeze clamp on duct.

Charges Th	is Item:		0	.80 Hours	0 150.00	\$ 120.
Part Number	Description	Cred	lit Quantity	Units	Unit Price	Extende
BE709-4-30-6	Duct		1.00	Each	205.840	\$ 205
	Freight		1.00		23.440	\$ 23.
				То	tal For This Item:	\$ 349.

Item: 32

Description:

32 Both main landing gear upper and lower brake hoses are stiff and need replacement.

Action Taken:

Removed left and right upper and lower brake hoses from the left and right main landing gear legs. Installed new hoses p/n 350-4-160 and 350-4-0150 on the left and right main gear.

Charges TI	his Item:		4.	00 Hours (2 150.00 \$	600.00
Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
350-4-0150	Upper Hose Assy		2.00	Each	75.600 \$	151.20
	Freight		1.00		28.420 \$	28.42
350-4-0160	Lower Hose Assy		2.00	Each	76.800 \$	153.60
	Freight		1.00		28.420 \$	28.42
	•			Tota	al For This Item: \$	961.64

Item: 33

Description:

33 Both main landing gear outer door rod ends are stiff to move.

<u>Action Taken</u>

Cleaned and lubricated main gear outer door rod ends with LPS 2. Worked free.

Charges This Item:	0.10 Hours @ 150.00 \$	15.00
	Total For This Item: \$	15.00

Item: 34

Description:

34 Nose landing gear shock strut is seeping fluid. Fluid is very dirty. (Est 2-3 hours - possibly more)

Action Taken:

Removed nose landing gear assembly, disassembled, and inspected. Found internal condition significantly contaminated. Cleaned all parts. Replaced upper and lower O-rings p/n MS28775-223 and M83461/1-224. Serviced strut with MIL-H-5606 hydraulic fluid and greased fittings. Reinstalled to airframe, secured and ops checked for steering and proper retraction. Ops checked good.

Charges This	Item:		5.50 Hours @	150.00 \$	825.00
Part Number	Description	Credit	Quantity Units	Unit Price	Extended
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MS28776R2-19	SCRAPER		1.00	Each	25.400	\$
	Freight		1.00		34.000	\$
MS28775-223	O-Ring		1.00	Each	0.970	\$
					1	

34.00 0.97 M83461/1-224 O-RING 1.00 Each 4.860\$ 4.86 Total For This Item: \$ 890.23

25.40

Item: 35

Description:

35 Shimmy damper floating piston measures 2 1/2" max is 2 3/8". Needs to be serviced IAW Beechcraft A36 MM 5-16A (Est 1.0 hour)

Action Taken:

Removed shimmy damper and rechecked piston level. Level checked good, measured at 2 1/4". Reinstalled shimmy damper with original hardware.

Charges This Item:	0.70 Hours @ 150.00	\$	105.00
	Total For This Item	- \$	105.00

Item: 36

Description:

36 Left main landing gear aluminum tape is torn on inboard door lightning hole. (Est 0.5)

Action Taken:

Removed old tape and applied new aluminum tape.

Charges This Item:			0.30 Hours (2 150.00 \$	45.00
Part Number	Description	Credit	Quantity Units	Unit Price	Extended
7100053630	Aluminum Tape 2"X60 Yards		3.00 Inch	0.070 \$	0.21
			Tota	I For This Item: \$	45.21

Item: 37

Description:

37 Cowl flap actuating lever has no detent to lock the cowl flaps open. (Est 1.0 hour)

Action Taken:

Removed knob plastic surrounds to gain access to the mechanism. Tightened the 3 pivot points to remove excess play and straightened the lever arm. Proper lock has been obtained.

Charges This Item:	0.70 Hours @ 150.00	\$ 105.00
	Total For This Item:	\$ 105.00

Item: 38

Description:

38 Left and right pilots side master cylinders are leaking hydraulic fluid by the shaft seal. (Est 4-8 hours plus seals).

Action Taken:

Removed pilot left master cylinder from aircraft. Opened cylinder assembly and replaced shaft and inner seals p/n's MS28775-111, MS28775-112, and MS28775-012. Reinstalled cylinder with original hardware and secured with new cotter pins. Right cylinder was found unable to be removed due to captive hardware. Opened cylinder in-situ and replaced inner seals with new Oring seals p/n's MS28775-111, MS28775-112, and MS28775-012. Reassembled cylinder.

Note: Extra time was required due to limited access to cylinder assemblies.

Charges Th	nis Item:			7.	.80 Hour	s @ 150.00	\$ 1,170.00
Part Number	Description	Cre	dit	Quantity	Units	Unit Price	Extended
MS28775-111	O RING			2.00	Each	0.820	\$ 1.64
MS28775-112	O RING			2.00	Each	0.950	\$ 1.90
MS28775-012	O RING			2.00	Each	1.140	\$ 2.28
			·		To	otal For This Item:	\$ 1,175.82

Item: 39

Description:

39 Nose wheel inner tube stem is bent.

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Action Taken:

Note.

Total For This Item: \$ N/C

Item: 40

Description:

40 Check cable tension.

Action Taken:

Aileron cable tension checked good at 35 lbs. Spec is 41 lbs - 31 lbs. Aileron trim cable tension checked good at 14 lbs. Spec is 15 lbs - 11 lbs. Rudder cable tension checked good at 27 lbs. Spec is 31 lbs - 21 lbs. Elevator top cable checked good at 31 lbs. Spec is 31 lbs - 21 lbs. Elevator trim checked out of tolerance at 11 lbs. Spec is 21 - 15 lbs (see item 41).

Total For This Item: \$ N/C

Item: 41

Description:

41 Elevator trim cable tension is low at 11 lbs. Spec is 21 lbs - 15 lbs. (Est 1.5 hours)

Action Taken:

Trim cable turnbuckle was thread bound on the aft connection. Locked the forward cables from moving and removed the barrel. Restarted the cables evenly and brought the cable tension up to 19 lbs. Safetied using new lock clips p/n MS21256-2.

Charges Th	nis Item:		1.00 Hours @	150.00 \$	150.00
Part Number	Description	Credit	Quantity Units	Unit Price	Extended
MS21256-2	SAFETY CLIP		2.00 Each	1.300 \$	2.60
			Total	For This Item: \$	152.60

Item: 42

Description:

42 Wire harness chaffing on the lower right forward corner of the landing gear box. (Est 0.3)

Action Taken:

Applied RTV to prevent further chafing.

Charges This Item:	0.20 Hours @ 150.00	\$ 30.0	0
	Total For This Item:	\$ 30.0	0

Item: 43

Description:

43 Pilots side shoulder harness webbing is distorted. (Est 2.5 hours plus part \$1050)

Action Taken:

Removed pilot shoulder harness assembly p/n 501580-427. Installed new shoulder harness assembly p/n 3133-3-421-8060.

Charges Th	is Item:			2	.50 Hour	s @ 150.00 S	\$ 375.00
Part Number	Description	Cr	edi	t Quantity	Units	Unit Price	Extended
3133-3-421-8060	Rest Sys Assy W Ir Fawn			1.00	Each	1,050.000	\$ 1,050.00
	Freight			1.00		22.500	\$ 22.50
Total For This Item: \$		\$ 1,447.50					

Item: 44

Description:

44 FAR's 91.411 and 91.413 were last complied with 6/15/2021.

Action Taken:

Complied with by Avionics. See workorder AV-25-3254.

Total For This Item: \$	N/C

Item: 45

Description:

45 Measure brake disc and inspect for wear.

Action Taken:

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Telephone: 203-375-5795

Measured and inspected brake discs for thickness and wear. Left brake disc measured at .454" and right brake disc measured at .453. Minimum allowable thickness is .445". No defects noted.

 Charges This Item:
 0.20 Hours @ 150.00 \$ 30.00

 Total For This Item:
 \$ 30.00

Item: 46

Description:

46 Right elevator static wick base is split. (Est 0.8)

Action Taken:

Drilled out damaged static wick base and riveted in a new base p/n 58-360032-3 using 2 rivets p/n MS20470AD-3-5. Installed new static wick p/n 69-118-800-00 contained in kit p/n 58-360032-3.

Charges Th	nis Item:		0.	80 Hours @	@ 150.00	\$ 120.00
Part Number	Description	Credi	t Quantity	Units	Unit Price	Extended
58-360032-3	Static Wick BD		1.00	Each	79.590	79.59
MS20470AD3-5	RIVET		2.00	Each	0.100	0.20
				Tota	al For This Item: 9	199.79

Item: 47

Description:

47 Top right side of rudder skin is cracked. (Est 0.2)

Action Taken:

Stop drilled crack using a #30 drill bit.

Charges This Item:	\$	30.00
	\$	30.00

Item: 48

Description:

48 AD 2024-26-02 inspection of seat belt rotary buckles for cracks and thickness is not applicable this equipment is not installed.

Action Taken:

Note.

Total For This Item:	\$ N/C	
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Item: 49

Description:

49 AD 2024-14-03 is not applicable Garmin autopilot not installed.

Action Taken:

Note.

Item: 50

Description:

50 AD 95-04-03 wing spar carry through inspection was last complied with 3/2/2011 at ACTT 2829.5. Next 500 hour inspection is due at ACTT 3329.5.

Action Taken:

Note.

Total For This Item:	\$ N/0	$\overline{\cdot}$
Total For This Item.	ψ 14/4	ノ

Item: 51

Description:

51 AD 2023-02-12 Superior Air Parts intake valve failure.

Action Taken:

Contacted Certified Engines Unlimited Inc to find out if the #2 cylinder repaired by them on 10/31/2022 has the affected valve. Their response indicates a serviceable used valve of Unknown history and must be investigated further. Removed horizontal baffle and ignition leads from cylinders #2, #4 and #6. Removed rocker box cover from cylinder #2. Complied with Superior Air

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Parts Service Bulletin MSB22-01A dated 12/16/2022 by removing the rocker arm, valve keepers, plate, and springs.

The intake valve has no markings on the valve tip. Valve is not affected by AD 2023-02-12. Installed valve, springs, plate, keeper and rocker arm IAW Continental Aerospace M-O Manual M-O Revision 1 change 6 dated 8/2024. Reused the silicon rocker box gasket after cleaning. Torqued rocker arm pilot shaft to 110 in / lbs and rocker box cover screws to 25 in / lbs with Loctite applied to the screw threads. Installed baffle and routed ignition leads.

Charges This Item:	3.00 Hours @ 150.00	\$ 450.00
	Total For This Item:	\$ 450.00

Item: 52

Description:

52 Left muffler flame cone is distorting.

Action Taken:

Note: Distortion is extremely minimal at this time.

Total For This Item: \$ N/C

Item: 53

Description:

53 Last recorded TCM fuel pressure set up was complied with on 4/28/2024 at Hobbs 24.2. During incoming run the fuel flow was low indicating fuel pressure set up is due.

Action Taken:

Connected the gages for fuel pressure set up. Removed and cleaned all 6 fuel at injectors in Hoppes #9 and blew at with shop air. Reinstalled fuel nozzles on the fuel lines for flow check. Flow checked good. Found the mixture shaft on the fuel metering unit was leaking. See item #65.

Charges This Item:	2.00 Hours @ 150.00	\$ 300.00
	Total For This Item:	\$ 300.00

Item: 54

Description:

54 OEM CHT indicates low.

Action Taken:

Note.

Total For This Item: \$	N/C

Item: 55

Description:

55 Low boost pump position is inop.

Action Taken:

Disconnected and tested rise winding. Tested good. Verified airframe wiring. Benched tested pump and found pump inop on low. Removed Dukes fuel pump p/n 4613-00-3NV S/N 0063. Installed FAA PMA CJ Aviation Products LLC pump p/n 4613-00-3NVCJ s/n 00015 after transferring the fittings over from the old pump.

Reterminated electrical connections with 3 butt splices p/n 320559. Secured switch and wire into the panel and secured harness. Ops checked in all 3 switch positions. Ops checked good. No leaks noted.

Charges T	his Item:		5	.10 Hours	@ 150.00 \$	765.00
Part Number	Description	Cred	lit Quantity	Units	Unit Price	Extended
4613-00-3NVCJ	Fuel Pump		1.00	Each	1,575.000\$	1,575.00
	S/N: MC00015					
	Freight		1.00		120.660\$	120.66
320559	BUTT SPLICE RED		3.00	Each	1.600\$	4.80
				Tota	al For This Item: \$	2,465,46

Item: 56

Description:

56 Aero-452 CO detector has not been replaced since installation on 3/14/2003. Comply with CO Guardian Document CA-101

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Revision A dated 11/20/2002. Airworthiness limitation section requires CO sensor replacement / recalibration every 7 years.

Action Taken:

Removed carbon monoxide detector p/n 452-101-004 s/n 16011. Enlarged instrument panel to fit replacement unit p/n 454-101-011RX s/n 22706.

Charges T	his Item:		1.40 Hours @	150.00 \$	210.00
			0.80 Hours @	170.00 \$	136.00
Part Number	Description	Credit	Quantity Units	Unit Price	Extended
452-101-011RX	CO Detector, Remanufactured		1.00 Each	399.000 \$	399.00
	S/N: 22706				
	Freight		1.00	69.660 \$	69.66
60619-1	PINS AMP FEMALE		2.00 Each	0.150\$	0.30
480-305	SEAL		1.00 Each	2.000\$	2.00
	·		Total F	For This Item: \$	816.96

Item: 57

Description:

57 Pilots side aft jump seat recline mechanism is seized up tight.

Action Taken:

Note: Seat is locked in the full up right position.

Item: 58

Description:

58 Pilots side exhaust stack is extremely thin near the exit and can be easily distorted by hand pressure.

Action Taken:

Note.

Item: 59

Description:

59 Propeller spinner requires shimming.

Action Taken:

Removed tab from spinner bulkhead. Added a new shim p/n 0752620-3 to bulkhead. Spinner pre loaded checked good.

Charges Th	nis Item:		0	.50 Hours	@ 150.00 S	75.00
Part Number	Description	Credi	t Quantity	Units	Unit Price	Extended
0752620-3	SPACER		1.00	Each	6.900	6.90
				То	tal For This Item: S	81.90

Item: 60

Description:

60 POH p/n 36-590002-37B is current at Revision B2.

Action Taken:

Note.

Total For This Item: \$	N/C

Item: 61

Description:

61 Comply with ICA for Garmin GTX 330ES.

Action Taken:

Complied with ICA for the Garmin GTX 330ES IAW Document 190-00734-11 Revision 8 dated 6/2021 IAW Table 4-1 12 calendar month visual inspection. No defects noted.

Charges This Item:	0.20 Hours @ 150.00 S	
	Total For This Item: \	\$ 30.00

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Item: 62

Description:

62 Comply with ICA for the Garmin GNS 530.

Action Taken:

Complied with Garmin ICA for GNS 530 IAW Document 190-00354-65 Revision D dated 11/20/2014 IAW Paragraph 2.5. No defects noted.

Charges This Item:	0.20 Hours @ 150.00	\$ 30.00
	Total For This Item:	\$ 30.00

Item: 63

Description:

63 Comply with ICA for Eagle Quick drain valve assembly QDV-2.

Action Taken:

Complied with ICA for Eagle Technologies fuel sample valves Document 720B Revision G. No defects noted.

Charges This Item:	0.20 Hours @ 150.00	\$ 30.00
	Total For This Item:	\$ 30.00

Item: 64

Description:

64 Comply with ICA for Insight Instruments 610C.

Action Taken:

Complied with ICA for Insight Instruments 610C IAW Document 610C-ICA Issue 4 dated 1/19/2022. No defects noted.

Charges This Item:	0.20 Hours @ 150.00 \$	30.00
	Total For This Item: \$	30.00

Item: 65

Description:

65 Fuel metering unit is leaking fuel by the mixture shaft.

Action Taken:

Removed the leaking fuel control unit p/n 649468-2 s/n I139402AR and shipped out to AMETEK B&S Aircraft Parts & Accessories. Installed overhauled fuel control valve assembly p/n 649468-2 s/n I139402AR fuel control. For details see FAA Form 8130-3 dated 4/2/2025 issued by AMETEK B&S Aircraft Parts & Accessories. Installed control levers IAW Continental Motors Critical Service Bulletin CSB08-3C dated 7/17/2013. Torqued stainless steel control lever retaining nut to 110 in / lbs with the shaft threads having bearing lubricated with 50 weight oil. Clocked the fuel return fitting and installed 90° fitting in the fuel out port and connected the fuel in, fuel return, and metered fuel out hoses. Connected throttle control cable and mixture control cable and secured with new cotter pins. Set unmetered fuel pressure IAW Continental Motors Standard Practice Maintenance Manual M-O Table 6-4. Unmetered fuel pressure to 90 PSI at 600 RPM and a fuel flow of 26 GPH at full power. Adjusted idle mixture for a rise of 40 RPM and an idle speed of 600 RPM.

Note: Standard overhaul of the FCV was \$1395. Compliance with Continental Motors Critical Service Bulletin CSB08-3C dated 7/17/2013 added \$1020 to the price for the 2 replacement control arms.

Charges This Item:			13.60 Hours @ 150.00		
Part Number	Description	Credit	Quantity Units	Unit Price	Extended
649468-2	Fuel Control Valve Assy		1.00 Each	2,414.620\$	2,414.62
	S/N: I139402AR				
	Freight		1.00	84.210 \$	84.21
			Total	For This Item: \$	4,538.83

Item: 66

Description:

66 Aircraft requires test flight to verify auto lean function and gear warning horn operation.

	Total For This Item: \$	N/C
Miscellaneous Charges:		
	Consumables: \$	171.91

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Three Wing Aviation Group, LLC Sikorsky Memorial Airport

Sikorsky Memorial Airport 400 Great Meadow Road Stratford, CT 06615

Telephone: 203-375-5795

					Admin Fee: \$	474.99
Summary	<i>r</i> :					
	Total Parts:	\$	6,450.8	3 Total Oil:	\$	107.88
	Total Freight:	\$	427.3	2 Consumables:	\$	171.91
	Admin Fee:	\$	474.9	9 Total Labor - 59.60 Hours:	\$	8,956.00
	Total Flat-Rate Labor:	\$	8,235.0	0		
Totals:						
				SubTotal:	\$	24,823.93
			AUA:	\$	395.49	
			Total Charges:	\$	25,219.42	
			Paid-AHT-VISA******8213	\$	8,370.00	
	Terms: Due Upon Receipt					
	·					
				DATE		
		_		DATE		

PARTS INSTALLED MAY BE FAA/PMA'D OR STC'D PARTS AND NOT PRODUCED BY THE "ORIGINAL EQUIPMENT MANUFACTURER" (OEM) AND AS SUCH ARE NOT COVERED BY THE OEM WARRANTY.

Thank You For Your Business Blue Skies and Tail Winds

 Lavin, Chris
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