WESTERN Skyways INC.

Gold Seal Aircraft Engines

LOG # 2

Add
Dan's oil change
Need date Hobbs

The Standa
ENG

01/02/2022 11:02

Advanced Aircraft Services, LLC

[redacted]

Invoice

Job Start Date	Invoice Date	Work Order #
	1/1/2022	WO2699

Bill To	Ship To
Dan and Cindy McKenna [redacted]	

N' Number	Model & S/N	Hobbs/Tach Time	Heater Hobbs
N9530R	V35K D-6070	3909.10	

Terms	Engine Make and Model	Engine S/N	Aircraft Year
	IO-470-C		1959

Item Code	Quantity	Description	Price Each	Amount
Labor	4.2	S-Tec autopilot fails to hold and maintain altitude -- Troubleshoot autopilot system per field test instructions acquired from Genesis Aerosystems. Found the servo starting voltages and servo motor resistance very much out of limits. Removed Servo and sent to Aero Maintenance Avionics for repair by Genesis Aerosystems. Reinstalled servo and set cable tensions and verified operation on ground.	110.00	462.00
Sublet Labor		Repair of servo by Genesis Aerosystems	1,155.00	1,155.00
Ship/Hand		Shipping and Handling	26.34	26.34
Shop Supplies		Shop Supplies	150.74	150.74

Thank you for your business.

Total	$9,627.08
Payments/Credits	$0.00
Balance Due	**$9,627.08**

Please note that due to the expense of accepting credit cards, a fee of 2.5% will be added to any credit card transaction over $1000.

Advanced Aircraft Services, LLC
[redacted]

Invoice

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	IO-470-C		1959

Item Code	Quantity	Description	Price Each	Amount
Labor	10	Remove OEM instruments, wiring and plumbing and fabricate a close out panel for holes -- Removed existing OEM temperature and pressure gauges. Retained tachometer and fuel pressure and fuel flow instrument. Plumbed fuel pressure and manifold gauges into system and split off to allow for the added electron transducers.	110.00	1,100.00
Labor	14.6	Fabricate and install new .062 2024T3 Aluminum panel to overlay existing center instrument panel to allow for mounting of MVP50P display unit. This would be powder coated to match existing panel	110.00	1,606.00
Sublet Labor	1	Heat treatment of the Aluminum .062 2024T3 Sheet stock to allow for bending	195.00	195.00
2024T3 .063 sq ft	1.3	2024T3 .063 per sq ft	9.11	11.84
Labor	5.3	Calibration of fuel system quantity indication. This will be required regardless of the fuel senders used -- Calibrated the fuel quantity system in the MVP-50P to the existing fuel senders.	110.00	583.00
Labor	1.4	Install Garmin GSB15 USB power supply -- Installed in accordance with Garmin Installation instructions	110.00	154.00

Thank you for your business.

	Total
	Payments/Credits
Please note that due to the expense of accepting credit cards, a fee of 2.5% will be added to any credit card transaction over $1000.	**Balance Due**

Advanced Aircraft Services, LLC

[redacted]

Invoice

Job Start Date	Invoice Date	Work Order #
	1/1/2022	WO2699

Bill To	Ship To
Dan and Cindy McKenna [redacted]	

N' Number	Model & S/N	Hobbs/Tach Time	Heater Hobbs
N9530R	V35K D-6070	3909.10	

Terms	Engine Make and Model	Engine S/N	Aircraft Year
	IO-470-C		1959

Item Code	Quantity	Description	Price Each	Amount
Labor	36.8	Install Electronics International MVP-50P Primary engine analyzer w/ vacuum indication -- Installed Electronic International Inc. MVP-50P, Sn 257453 system as programmed and set up by EI, Inc per Installation instruction II0425051 Rev J, dated 5/11/2015. All work performed per these instructions. System set up and checkout procedures were followed per Section 5.0 and all indications performed as designed. EDC communication failure was noted and system was troubleshoot and failure was linked to a misswired fabricated TOP connector at EDC. Wires were correctly positioned in harness and system was found to operate correctly.	110.00	4,048.00
AN816-4D	2	Nipple	3.71	7.42
AN816-3D	1	Nipple	6.94	6.94
AN816-4	2	Fitting: Steel	10.83	21.66
CPC-4	2	Connector: 4 Pin, AMP	16.25	32.50
HRJ	3	Fuse Holder	6.19	18.57
AN894-D4-2	1	Bushing: Reducer	24.57	24.57
Ship/Hand		Shipping and Handling	23.50	23.50

Thank you for your business.	Total
	Payments/Credits
Please note that due to the expense of accepting credit cards, a fee of 2.5% will be added to any credit card transaction over $1000.	**Balance Due**

[redacted] Advanced Aircraft Services, LLC.

Advanced Aircraft Services, LLC. [redacted]
N9530R
Beech
Model: K35 Serial: D-6077

Date 1/28/2022
Tach 3909.10
TT 6349.00

Accomplished the following work:
The following work was performed at the request of the owner: *Instrument panel was modified by fabrication ar*
installation of .063 2024T3 aluminum doubler to allow for the removal of engine temp and pressure indicators and
Original tachometer and fuel flow / manifold pressure gauge was removed. Electronics International Inc. MVP-50P, Sn :
system as programmed and set up by EI, Inc per installation instruction II0425051 Rev J, dated 5/11/2015 and Elec
Inc. STC# SA01988SE. All work performed per these instructions. Fuel quantity senders were wired to insturmen
calibrated to display correct fuel levels. System set up and checkout procedures were followed per Section 5.0 and
performed as designed. EDC communication failure was noted and system was troubleshoot and failure was linkec
fabricated TOP connector at EDC. Garmin Internatinal GSB15 USB power supply was installed in lower copilots pa
positioned in harness and system was found to operate correctly. Autopilot pitch servo was removed and sent to G
repair. Servo was reinstalled by S Tec 40/50 autopilot installation manual and system check out was pe*Mor other* on
work, inspection or determination of airworthiness was performed at this time.

Accomplished the following Airworthiness Directives.
No Airframe AD's were due for compliance at this time

[redacted]

Advanced Aircraft Services, LLC. [redacted]
N9530R
Beech
Model: K35 Serial: D-6077
ContinentalIO-470-C Serial: 71788-9-C

Date 1/28/2022
Tach 3909.1
TT 6335.1
TSMO 1357.1

Accomplished the following work:
The following work was performed at the request of the owner: Installed engine temp and pressure sensors and
transducer per Electrocincs International, Inc. MVP-50P installation instructions and STC#SA01988SE. *No other work, inspection o*
determination of Airworthiness was performed at this time.

Accomplished the following Airworthiness Directives.
NO Engine AD's were due for compliance at this time

[redacted]

DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries)

Advanced Aircraft Services, LLC. [redacted]

N9530R

Beech

Model: K35 Serial: D-6077

Continental IO-470-C Serial: 71788-9-C

Date 8/24/2021

Tach 3858.7

TT 6284.7

TSMO 1306.7

Accomplished the following work:

100 Hour inspection was completed at this time using a check list that meets or exceeds FAR 43 appendix D. Compression check performed: #1- 68/80, #2- 72/80, #3- 66/80, #4- 68/80, #5- 670/80, #6- 70/80. Inspected oil screen. Inspected and serviced spark plugs. Checked magneto to engine timing. Cleaned fuel screen. Inspected engine controls for security and rigging. Inspected exhaust system. Researched AD's through Aug. 23, 2021.

Accomplished the following Airworthiness Directives.

NO Engine AD's were due for compliance at this time

Thi [redacted] een found to be in an Airworthy Condition.

Date: 10/13/2021 **Hours**: AC: TT: EngTT: PropTT: Hobbs: Misc: TACH 3894.97

Tail#: N9530R

Make: Textron (Beech) **Model**: K35 **S/N**: D-6077

Oil changed with 10 quarts of Aeroshell W100. Screen cleaned. Runup, leak and ops checks good.

As to the work performed, this aircraft is airworthy.

01/02/2022 11:33

Name: William R Cross Jr.

Co: Williamson Aviation Inc **Si** [redacted]

© 1991 ASA

N9530R Compression Check

	Advanced Aircraft	Continental at Clinic	Advanced Aircraft
Cylinders	8/24/21	8/26/21	9/14/21
#1	68	48	62
#2	72	72	75
#3	66	64	66
#4	68	68	74
#5	67	66	70
#6	70	46	63

[redacted]

Date: 10/13/2021 **Hours**: AC: TT: EngTT: PropTT: Hobbs: Misc: ~~TACH~~ 3894.97

Tail#: N9530R

Make: Textron (Beech) **Model**: K35 **S/N**: D-6077

Oil changed with 10 quarts of Aeroshell W100. Screen cleaned. Runup, leak and ops checks good.

01/02/2022 11:33

DATE

19

Advanced Aircraft Services, LLC. [redacted]

N9530R

Beech			Date	7/17/2019
Model: K35		Serial: D-6077	Tach	3735.7
Continental	IO-470-C	Serial: 71788-9-C	TT	6161.7
			TSMO	1183.7

Accomplished the following work:

100 Hour inspection was completed at this time using a check list that meets or exceeds FAR 43 appendix D. Compression check performed: #1- 67/80, #2- XX/80, #3- 70/80, #4- 71/80, #5- 70/80, #6- 68/80. Removed cylinder #2 due to low compression. Sent cylinder to Premier Aircraft Engines. Cylinder was installed per TCM Service Manual M-0 with new gaskets and seals. Inspected magnetos and timing. Installed new set of URHM40E spark plugs. Cleaned fuel screen. Inspected engine controls for security and rigging. Inspected exhaust system. Removed and cleaned fuel injection nozzles per TCM SI 1275C and reinstalled. Researched AD's through July 15, 2019.

Accomplished the following Airworthiness Directives.

NO Engine AD's were due for compliance at this time

[redacted] been inspected in accordance with an Annual inspection and has been found to be in an Airworthy Condition.

[redacted]

Advanced Aircraft Services, LLC. [redacted]

N9530R

Beech			Date	7/23/2020
Model: K35		Serial: D-6077	Tach	3782.0
Continental	IO-470-C	Serial: 71788-9-C	TT	6208.0
			TSMO	1230.0

Accomplished the following work:

100 Hour inspection was completed at this time using a check list that meets or exceeds FAR 43 appendix D. Compression check performed: #1- 64/80, #2- 75/80, #3- 66/80, #4- 75/80, #5- 68/80, #6- 66/80. Inspected oil screen. Inspected and serviced spark plugs. Removed magnetos and sent to Aircraft Electrical Components for 500 hour inspection. Reinstalled magnetos with new gaskets and timed to engine per TC. Cleaned fuel screen. Inspected engine controls for security and rigging. Inspected exhaust system. Researched AD's through July 21, 2020.

Accomplished the following Airworthiness Directives.

NO Engine AD's were due for compliance at this time

[redacted] been found to be in an Airworthy Condition.

01/02/2022 11:34

DA

19

Advanced Aircraft Services, LLC. [redacted]

N9530R

Beech

Model: K35 Serial: D-6077

Continental IO-470-C Serial: 71788-9-C

Date 12/7/2018

Tach 3707.2

TT 6133.2

TSMO 1155.2

Accomplished the following work:

The following work was performed at the request of the owner / operator: Completed borescope inspection and compression check of all cylinders. Need to continue to monitor cylinder #2 due to lower than normal compression. 45 / 80 psi. This is above the limit of TCM Service instructions, but I recommend retesting in 25 hours at the next oil change. Replaced valve cover gasket and removed oil cooler and inspected cooler flange and mounting adaptor for cracking. None found. Reinstalled oil cooler with new gasket. ***No other work, inspection or determination of airworthiness was performed at this time.***

Accomplished the following Airworthiness Directives.

NO Engine AD's were due for compliance at this time

[redacted]

spection and has been found to be in an Airworthy Condition.

FliteWing Inc.

[redacted]

Date: 1/30/2019

[redacted]

Tach: 3708.1

N9530R

TTAF: 3708.1

Degreased engine and cowl. Test [redacted] ced oil cooler gasket. Test ran

[redacted]

inspected [redacted]

r the work accomplished.

01/02/2022 11:35

N9530R

TBO = 1500 hrs

	COMPLETED (DATE / HOURS)	DUE
ANNUAL / 100 HR	8-24-21 / 3858	8-24-22 /
OIL & FILTER	10-20-21 / 3908	/ 3920
ELT BATTERY	8-24-21	8-24-22
TRANSPONDER	8-24-21	8-24-22
IFR CERTIFICATION	⊖	⊖
MEDICAL	4-14-20	4-14-22
FLIGHT REVIEW	10-5-20	10-5-22

NOTES: Aircraft Registration Due 12-31-22