

N8552R  
CE-933

# AIRCRAFT LOG



2

## AIRCRAFT DESCRIPTION

Manufacturer BEECH AIRCRAFT CORP.

Place WICHITA, KANSAS

Date

License No. N8552R

Type F33A

Serial No. CE-533

Description

Reconstructed By

Place

Date

Seating Capacity (Crew Included)

Weight Empty

Weight Loaded

Wing Area

Sq. Ft.

Control Area

Sq. Ft. Span

Length

Tires Main

Tire Tail

Brakes

Owner

Address

City

State



## EQUIPMENT DESCRIPTION

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Propeller	MCCAULEY	Hub Design	2A36C23	Hub Serial No.	742491
Blade Design	\$84B-0	Blade Serial No.	B33212Y\$	Blade Serial No.	B33206Y
Pitch		Width		Diameter	
Engine	CONTINENTAL	Model	IO-520-BA1D	Serial No.	249289-R 551604
Rated H. P.		Bore		Stroke	
Receiver		Model		Serial No.	
Transmitter		Model		Serial No.	Output
Generator		Model		Serial No.	Amp. Volt
Starter		Model		Serial No.	Volts
Power Unit		Model		Serial No.	Volts



## REMARKS

5

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

9-11-74

In accordance with F. A. R. 91.25  
Omni directional receivers  
were found to be accurate to  
within 3 degrees

I certify that altimeter and static system tests  
required by FAA Part 91.170 have been performed.  
Static system test date 8-30-74.

Altimeters tested to 20,000 feet.

LH Altimeter SN B5323 Date 6-7-74.

RH Altimeter SN N/A Date N/A.

Pilot or Radio  
crew chief

Emergency Locator Transmitter  
Battery To Be Replaced On Or  
Before Date FEB 83

E. J. Inase  
FOR BEECH AIRCRAFT CORP., OJA, PC#8


inspected 12-19-74 see page 10

B. Morris  
Airline Training Center  
Bldg. 53 Phoenix-Litchfield  
Airport Goodyear Arizona 85338  
FAA Approved Repair Station #462-

33






## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
9/11/74	PROD. FLT. TEST				1	35				
9/12/74					1	15				
I certify that this <u>AIRCRAFT</u> has been inspected in accordance with <u>100 H.R.</u> inspection and was determined to be in airworthy condition. Date <u>9-25-74</u> Tach <u>10.123</u> TT <u>10 HRS</u> Signature <u>Jordan Victor Liscum</u> AIRLINE TRAINING CENTER <u>A4P2013218</u> <u>WO# 2147</u> Bldg. No. 53 Phoenix - Litchfield Airport Goodyear, Arizona 85338 FAA Approved Repair Sta. #414-3A								 Signature <u>Ben Brent</u> AUTHORIZED REPRESENTATIVE AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix - Litchfield Airport Goodyear, Arizona 85338 FAA Approved Repair Station #414-3A		
H/C PLACED ON PROGRESSIVE INSPECTION PROGRAM THIS DATE <u>9-25-74</u>										
TOTALS FORWARD										
TOTALS TO DATE										







## REMARKS

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DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	
	<p>I cert. that in accordance with progressive inspection program, a phase <u>1</u> <del>det</del>-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>2163</u></p> <p>Lic. No. # <u>699174</u> T. T. <u>45 HRS</u></p>	<p><b>AIRLINE TRAINING CENTER</b></p> <p>Bldg. No. 53 FAA Approved</p> <p>Phoenix-Litchfield Airport Repair Station</p> <p>Goodyear, Arizona 85338 #414-3A</p> <p>Date <u>10-3-74</u></p> 
	<p>I cert. that in accordance with progressive inspection program, a phase <u>2</u> <del>det</del>-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>2163</u></p> <p>Lic. No. # <u>AP1430705</u> T. T. <u>94 HRS</u></p>	<p><b>AIRLINE TRAINING CENTER</b></p> <p>Bldg. No. 53 FAA Approved</p> <p>Phoenix-Litchfield Airport Repair Station</p> <p>Goodyear, Arizona 85338 #414-3A</p> <p>Date <u>10-11-74</u></p> 
<p>10-11-74 A/C Tach Time 94 HRS REMOVE ENGINE S/N 551604 DUE TO CRACK IN ENGINE CASE INSTALL NEW ENJ S/N 551486 IN ACCORDANCE WITH BEECH SHOP MANUAL AND CURRENT F.A.A. REGULATIONS INSTALL SAME PROP. ASSY AND GOVERNOR TOTAL TIME IN SERVICE 94 HRS A/C FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE</p>		
<p>AUTHORIZED REPRESENTATIVE <u>Ben Brunt</u></p> <p>AIRLINE TRAINING CENTER</p> <p>Bldg. No. 53 FAA Approved</p> <p>Phoenix-Litchfield Airport Repair Station</p> <p>WO # <u>2172766</u></p> 		



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #414-3A Date 10-22-74		
	Signature <u>Donald J. Fike</u> W. O. <u>2163</u> Lic. No. # <u>481485897</u> T. T. <u>143 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #414-3A Date 11-4-74		
	Signature <u>Donald J. Fike</u> W. O. <u>1808</u> Lic. No. # <u>481485897</u> T. T. <u>196 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 5 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #414-3A Date 11-14-74		
	Signature <u>Donald J. Fike</u> W. O. <u>1808</u> Lic. No. # <u>481485897</u> T. T. <u>244 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 11-23-74		
	Signature <u>Donald J. Fike</u> W. O. <u>1808</u> Lic. No. # <u>481485897</u> T. T. <u>294 HRS</u>									
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

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DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection  
 program, a phase 7 det-rout insp. was performed acc. to  
 a prog. insp. - aircraft is approved for return to service  
 Signature Donald J. Fife W. O. 1824  
 Lic. No. # 481485897 T. T. 342 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 12-03-74



I cert. that in accordance with progressive inspection  
 program, a phase 1 det-rout insp. was performed acc. to  
 a prog. insp. - aircraft is approved for return to service  
 Signature L. H. Hume W. O. 1824  
 Lic. No. # 699174 T. T. 396 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 12-12-74



12-19-74 AIC TACH TIME ~~334~~ HRS AD 74-24-13 C/W REMOVE ALTIMETER  
 SIN 5323 INSTALL ALTIMETER SIN 65295 MODIFIED BY CUTTER  
 AVIATION INSTRUMENT SHOP UNDER AIO # STATIC CHECK  
 PERFORMED AIC FOUND TO BE IN AIRWORTHY CONDITION  
 AND IS APPROVED FOR RETURN TO SERVICE AIO # 1824  
Donald J. Fife AEP 2148494








## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
<p>I certify that altimeter and static system tests required by FAA Part 91-170 have been performed. <span style="float: right;">WO# 1824</span></p> <p>Static system test date <u>12-19-74</u></p> <p>Altimeters tested to <u>20,000</u> feet.</p> <p>LH Altimeter Set <u>8-5295</u>, Date <u>12-18-74</u></p> <p>RH Altimeter Set <u>N/A</u>, Date <u>N/A</u></p> <p>SIGNATURE <u>Jordan Victor Linscomb Jr.</u></p> <p style="text-align: center;">PSA/ATC REPAIR STATION 462-33</p>										
<p>I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service.</p> <p>Signature <u>Donald J. Felt</u> <span style="float: right;">FAA Approved</span></p> <p>Lic. No. # <u>481485897</u> T.T. <u>447 Hrs.</u> <span style="float: right;">Repair Station #462-33</span></p> <p style="text-align: right;">Date <u>12-26-74</u></p>										
<p>I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service.</p> <p>Signature <u>Donald J. Felt</u> <span style="float: right;">FAA Approved</span></p> <p>Lic. No. # <u>481485897</u> T.T. <u>491 Hrs.</u> <span style="float: right;">Repair Station #462-33</span></p> <p style="text-align: right;">Date <u>1-8-75</u></p>										
<p>TOTALS FORWARD <u>481485897</u> T.T. <u>491 Hrs.</u></p>										
<p>TOTALS TO DATE</p>										

## REMARKS

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DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS	
	<p>I cert. that in accordance with progressive inspection program, a phase <u>4</u> det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>1842</u></p> <p>Lic. No. # <u>699174</u> T. T. <u>546 HRS</u></p>	<p><b>AIRLINE TRAINING CENTER</b></p> <p>Bldg. No. 53 FAA Approved</p> <p>Phoenix-Litchfield Airport Repair Station</p> <p>Goodyear, Arizona 85338 #462-33</p> <p>Date <u>1-22-75</u></p> <p></p>
<p>1-26-09 BENDIX AD 74-26-09 OR SIB 556B CIW MAJ. NUMBER BOTH MAJS RED NAME PLATE 56RN-1225 NOT LISTED ON SERVICE BULLETIN AIC APPROVED FOR RETURN TO SERVICE Ben Bunt AIP 2172766 WO# 1842</p>		
	<p>I cert. that in accordance with progressive inspection program, a phase <u>5</u> det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>1842</u></p> <p>Lic. No. # <u>699174</u> T. T. <u>594 HRS</u></p>	<p><b>AIRLINE TRAINING CENTER</b></p> <p>Bldg. No. 53 FAA Approved</p> <p>Phoenix-Litchfield Airport Repair Station</p> <p>Goodyear, Arizona 85338 #462-33</p> <p>Date <u>1-30-75</u></p> <p></p>
	<p>I cert. that in accordance with progressive inspection program, a phase <u>6</u> det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>1862</u></p> <p>Lic. No. # <u>481485897</u> T. T. <u>643 HRS</u></p>	<p><b>AIRLINE TRAINING CENTER</b></p> <p>Bldg. No. 53 FAA Approved</p> <p>Phoenix-Litchfield Airport Repair Station</p> <p>Goodyear, Arizona 85338 #462-33</p> <p>Date <u>2-7-75</u></p> <p></p>






## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
2-7-75	PIC Tech Time				693	45		REMOVE PROP. ASSY S/N 742491 FOR SLUGGISH OPERATION INSTALL OVERHAUL PROP. ASSY S/N 744754 T.S.O 00:00 ALL MAINTENANCE PERFORMED IN ACCORDANCE WITH BEECH SHOT MANUAL AND CURRENT FAA REGULATIONS A/C FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE WO # 1862. <i>Donald Fike</i> #481485897		
I cert. that in accordance with progressive inspection program, a phase 7 enroute insp. was performed acc. to a prog. insp. aircraft is approved for return to service Signature <i>W. O. 1862</i> W. O. 1862 Lic. No. # <i>AT12148494</i> T. T. <i>691</i> HRS								<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>2-17-75</u>		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

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DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	<p>I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to a prog. insp. aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>1880</u> Lic. No. # <u>699174</u> T. T. <u>744 HRS</u></p> <p><b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>3-3-75</u></p> <p></p>
	<p>I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to a prog. insp. aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>1880</u> Lic. No. # <u>699174</u> T. T. <u>794 HRS</u></p> <p><b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>3-18-75</u></p> <p></p>
	<p>I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. aircraft is approved for return to service</p> <p>Signature <u>[Signature]</u> W. O. <u>1880</u> Lic. No. # <u>2148444</u> T. T. <u>846 HRS</u></p> <p><b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>3-28-75</u></p> <p></p>
3-26-75	<p>A/C TACH TIME 829 HRS REMOVE ENGINE S/N 551486 ENGINE T.T. IN SERVICE 735 HRS INSTALL <sup>NEW</sup> OVERHAUL ENGINE S/N 551758 ENGINE T.T. IN SERVICE 3.0 HRS INSTALL SAME PROP. ASSY T.S.O. 136 HRS ALL MAINTENANCE PERFORMED IN ACCORDANCE</p>



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	WITH BEECH SHOP MANUAL AND CURRENT FAA REGULATIONS									
	A/C FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED									
	FOR RETURN TO SERVICE WORK 1855									
								Signature <u>Don D. Hunt</u>		
								AUTHORIZED REPRESENTATIVE		
								AIRLINE TRAINING CENTER		
								Bldg. No. 53	FAA Approved	
								Phoenix-Litchfield Airport	Repair Station	
								Goodyear, Arizona 85338	#462-33	
	I cert. that in accordance with progressive inspection							AIRLINE TRAINING CENTER		
	program, a phase 4 det-rout insp. was performed acc. to							Bldg. No. 53	FAA Approved	
	a prog. insp. - aircraft is approved for return to service							Phoenix-Litchfield Airport	Repair Station	
	Signature <u>Donald F. Hunt</u>							Goodyear, Arizona 85338	#462-33	
	Lic. No. # <u>421485897</u>							Date <u>4-10-75</u>		
	I cert. that in accordance with progressive inspection							AIRLINE TRAINING CENTER		
	program, a phase 5 det-rout insp. was performed acc. to							Bldg. No. 53	FAA Approved	
	a prog. insp. - aircraft is approved for return to service							Phoenix-Litchfield Airport	Repair Station	
	Signature <u>Don D. Hunt</u>							Goodyear, Arizona 85338	#462-33	
	Lic. No. # <u>699194</u>							Date <u>4-22-75</u>		
	TOTALS FORWARD									
	TOTALS TO DATE									

## REMARKS

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DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Donald J. Pike W. O. 1913  
 Lic. No. # 481485897 T. T. 995 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 5-1-75



I cert. that in accordance with progressive inspection program, a phase 7 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Donald J. Pike W. O. 1913  
 Lic. No. # 481485897 T. T. 1040 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 5-14-75



I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Donald J. Pike W. O. 1913  
 Lic. No. # 481485897 T. T. 1094 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 5-28-75



I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Donald J. Pike W. O. 1681  
 Lic. No. # 481485897 T. T. 1145 HRS





## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 6-5-75





## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase <u>3</u> det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>6-13-75</u>		
	Signature <u>Donald J. [Signature]</u> W. O. <u>1681</u> Lic. No. # <u>481485892</u> T. T. <u>1193 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase <u>4</u> det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>6-26-75</u>		
	Signature <u>Ben [Signature]</u> W. O. <u>1681</u> Lic. No. # <u>01P2172766</u> T. T. <u>1243 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase <u>5</u> det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>7-9-75</u>		
	Signature <u>[Signature]</u> W. O. <u>1698</u> Lic. No. # <u>699174</u> T. T. <u>1291 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase <u>6</u> det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>7-24-75</u>		
	Signature <u>[Signature]</u> W. O. <u>1698</u> Lic. No. # <u>699174</u> T. T. <u>1345 HRS</u>									
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

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DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection program, a phase 7 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service

Signature [Signature] W. O. 1715  
Lic. No. # 699174 T. T. 1393 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 8-4-75

I cert. that in accordance with progressive inspection program, a phase 1 out insp. was performed acc. to a prog. insp. - aircraft is approved for return to service

Signature [Signature] W. O. 1715  
Lic. No. # 2148494 T. T. 1443

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 8-13-75

I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service

Signature [Signature] W. O. 1715  
Lic. No. # 481485897 T. T. 1501 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 8-22-75

I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service

Signature [Signature] W. O. 1730  
Lic. No. # 699174 T. T. 1545 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 9-3-75

8-14-75 Beech 5/4 0514-035 C/W A/C TACH TIME 1447 HRS NO  
CORROSION FOUND ON SPAR W/ #1715 Run About A:P 2172 HRS





## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENS. NUMBER
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338	FAA Approved Repair Station #462-33	
	Signature <u>Ben Bunt</u>						W. O. <u>1730</u>	Date <u>9-12-75</u>		
	Lic. No. # <u>AIP 2172766</u>						T. T. <u>1594 HRS</u>			
	I cert. that in accordance with progressive inspection program, a phase 5 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338	FAA Approved Repair Station #462-33	
	Signature <u>L. H.</u>						W. O. <u>1730</u>	Date <u>9-26-75</u>		
	Lic. No. # <u>699114</u>						T. T. <u>1641 HRS</u>			
10-1-75	A/c TACH Time 1649 HRS							Replace Emergency Locator		
	BATTERY INSTALL NEW BATTERY PIN BP-60 EXPIRED									
	DATE JAN 1980 W.O. # 1746 Ben Bunt AIP 2172766									
	I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338	FAA Approved Repair Station #462-33	
	Signature <u>L. H.</u>						W. O. <u>1746</u>	Date <u>10-10-75</u>		
	Lic. No. # <u>699114</u>						T. T. <u>1692 HRS</u>			
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

19

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
Signature Donald J. Eick W. O. 1746

Lic. No. # 481485897 T. T. 1743 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 10-28-75

I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
Signature L. Hamm W. O. 1766

Lic. No. # 499174 T. T. 1791 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 11-15-75

I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
Signature Donald J. Eick W. O. 1782

Lic. No. # 481485897 T. T. 1844 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 12-2-75

I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
Signature L. Hamm W. O. 1782

Lic. No. # 699174 T. T. 1890 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 12-13-75

I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
Signature Donald J. Eick W. O. 1798

Lic. No. # 481485897 T. T. 1943 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 12-12-76



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LIC. NUM.
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 5 det. rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service.							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53      FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338      #462-33		
	Signature <u>Donald J. Pelt</u> W. O. 1798 Lic. No. # <u>481485897</u> T. T. 1990 HVS							Date <u>1-23-76</u>		
2-2-76	A/c TACH Time 2005 Remove LANDING GEAR ACTUATOR ASSY FOR OVERHAUL due to time change INSTALL OVERHAUL ACTUATOR ASSY PIN 35-810075-7 S/N 10018 OVERHAULED UNDER Beech WO# 20262 Check ALL GEAR RIGGING AND cycle GEAR SEVERAL TIMES ALL MAINTENANCE PERFORMED IN ACCORDANCE WITH Beech Shop MANUAL AND CURRENT FAA REGULATIONS. A/c FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE WO # 1816									
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

21

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	<p>I cert. that in accordance with progressive inspection program, a phase <u>6</u> <del>out</del>-route insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>Donald J. [Signature]</u> W. O. <u>1816</u></p> <p>Lic. No. # <u>481485897</u> T. T. <u>2043 HRS</u></p> <p>A/C Tach Time <u>2091 WOL 1833</u></p> <p><b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>2-18-76</u></p> <p><u>3-3-76</u> <u>BEECHER AFT A/D 76-04-07 CIW EMERGENCY WINDOW PLACED</u> <u>AND HANDLE FOUND TO CONFORM WITH A/D Ben Bunt A/P 2172766</u></p>
	<p>I cert. that in accordance with progressive inspection program, a phase <u>7</u> <del>out</del>-route insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>Donald J. [Signature]</u> W. O. <u>1833</u></p> <p>Lic. No. # <u>481485897</u> T. T. <u>2091 HRS</u></p> <p><b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>3-4-76</u></p>
	<p>I cert. that in accordance with progressive inspection program, a phase <u>1</u> <del>out</del>-route insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>J. [Signature]</u> W. O. <u>1833</u></p> <p>Lic. No. # <u>699174</u> T. T. <u>2148 HRS</u></p> <p><b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>3-22-76</u></p>
	<p>I cert. that in accordance with progressive inspection program, a phase <u>2</u> <del>out</del>-route insp. was performed acc. to a prog. insp. - aircraft is approved for return to service</p> <p>Signature <u>J. [Signature]</u> W. O. <u>1848</u></p> <p>Lic. No. # <u>699174</u> T. T. <u>2193 HRS</u></p> <p><b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>4-5-76</u></p>



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
4-6-76	A/C TACH TIME 2198							Remove PROPELLER ASSY SIN 744754 FOR OVERHAUL DUE TO TIME CHANGE PROP T.S.O 1505 HRS INSTALL OVERHAUL PROP. ASSY SIN 742961 T.S.O. "0" HRS ALL MAINTENANCE PERFORMED IN ACCORDANCE WITH Beech SHOP MANUAL AND CURRENT FAA REGULATIONS A/C FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE WO# 1848. <i>L.P. [Signature]</i> ATP 1958521		
I cert. that in accordance with progressive inspection program, a phase 3 en-route insp. was performed acc. to a prog. insp. aircraft is approved for return to service Signature <i>L.P. [Signature]</i> W. O. 1848 Lic. No. # 699174 T. T. 2245 HRS								<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 4-19-76		
4-19-76	A/C TACH TIME 2245							Benxix AD 76-07-12 CIW Checked Ignition SWITCH AND FOUND TO BE OPERATING NORMAL A/C APPROVED FOR		
TOTALS FORWARD RETURN TO SERVICE WO# 1848 <i>L.P. [Signature]</i> ATP 699174										
TOTALS TO DATE										

## REMARKS

23

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
5-5-76	<p>A/C Tach Time 2289 Eng. Time 1463 HRS Remove Engine S/N 551758 Due to High Time AND Sudden Stoppage Remove PROPELLER ASSY S/N 742961 T.S.O 91 HRS Due TO DAMAGE FROM GEAR UP LANDING. INSTALL OVERHAUL ENGINE S/N 551565 T.S.O. "0" HRS Eng. T.T. IN SERVICE 1376 HRS INSTALL OVERHAUL PROPELLER ASSY S/N <sup>742976</sup> <del>742961</del> T.S.O "0" HRS ALL MAINTENANCE PERFORMED IN ACCORDANCE WITH Beech SHOP MANUAL AND CURRENT FAA REGULATIONS A/C FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE W/O # 1870</p>
	Signature <u>Ben Bunt AIP 2172766</u>
	AUTHORIZED REPRESENTATIVE
	AIRLINE TRAINING CENTER
	Bldg. No. 53 FAA Approved
	Phoenix - Litchfield Airport Repair Station
	Goodyear, Arizona 85338 #462-33





## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSING NUMBER
			Up	Down	Hours	Min.				
5-10-76								<p>INCORPORATED BEECHCRAFT SPEAKER SIDETONE MODIFICATION IN A/C AS PER "R" DRAWING # R-400399 AND R-400378 DATED 10-16-75. WEIGHT AND BALANCE UNAFFECTED. I CERTIFY THIS AIRCRAFT IS AIRWORTHY AND RETURNED TO SERVICE THIS DATE.</p> <p>Signature: <u>Gary E. Bunkoff</u>            AUTHORIZED REPRESENTATIVE            AIRLINE TRAINING CENTER            Bldg. No. 53      FAA Approved            Phoenix - Litchfield Airport Repair Station            Goodyear, Arizona 85209      #452-35</p> <p>Repairman # 378567104</p> <p>W.O. # <del>1848</del> 1864</p>		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

25

DATE	INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS
5-17-76	<p>A/C Tach time 2289 c/w Bendix AD76-07-12            Installed Bendix Repair kit 10-357510 in            Accordance with Part III of Bendix Service            Bulletin No. 583. I certify that this aircraft            is airworthy and returned to service this date.  <i>Don Brunt</i> ATP 2148494 WO# 1864</p>
5-25-76	<p>A/C Tach Time 2289 REPLACE LANDING GEAR ACTUATOR            RETRACT ASSY Due to Gear up Landing T.S.O. 284 HRS            T.S.O 10 HRS Beech WO# 20262            INSTALL REBUILT ACTUATOR ASSY S/N 0021 P/N 35-810075-7            Replace ALL RETRACT RODS, ROD ENDS, BUSHING AND BOLTS  <del>to meet Beech WO# 20262</del>            Rtg Landing gear RETRACT gear several times. ALL            MAINTENANCE PERFORMED IN ACCORDANCE WITH Beech            Shop Manual AND CURRENT FAA Regulations            A/C FOUND TO BE IN AIRWORTHY CONDITION AND            IS APPROVED FOR RETURN TO SERVICE WO# 1864 <i>Don Brunt</i></p>



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INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

**AIRLINE TRAINING CENTER**

Bldg. No. 53	FAA Approved
Phoenix-Litchfield Airport	Repair Station
Goodyear, Arizona 85338	#462-33

Date 6-1-76

**AIRLINE TRAINING CENTER**

Bldg. No. 53	FAA Approved
Phoenix-Litchfield Airport	Repair Station
Goodyear, Arizona 85338	#462-33

Date 6-22-76

**AIRLINE TRAINING CENTER**

Bldg. No. 53	FAA Approved
Phoenix-Litchfield Airport	Repair Station
Goodyear, Arizona 85338	#462-33

Date 7-9-76

**AIRLINE TRAINING CENTER**

Bldg. No. 53      FAA Approved  
~~Phoenix-Litchfield Airport~~   ~~Repair Station~~  
 Goodyear, Arizona 85338   #462-33 ✓

Date 7-28-76



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
8-10-76	A/C Tech							Time 2481 Replace Emergency Locator Transmitter Battery. Checked and found operational in old position install new battery PIN BP60 A/C APPROVED FOR RETURN TO SERVICE WO# 1916 Next Battery Change due on or before Nov 1980 Ben Brent AIP 2172766		
I cert. that in accordance with progressive inspection program, a phase 1 route insp. was performed acc. to a p. g. insp. aircraft is approved for return to service Signature <u>Ben Brent</u> AIP 699194 W. O. 1916 Lic. No. <u>AIP 699194</u> T. T. <u>2497</u>								AIRLINE TRAINING CENTER Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>8-12-76</u>		
I cert. that in accordance with progressive inspection program, a phase 2 route insp. was performed acc. to a p. g. insp. aircraft is approved for return to service Signature <u>Ben Brent</u> W. O. <u>1916</u> Lic. No. <u>AIP 1958521</u> T. T. <u>2543 HRS</u>								AIRLINE TRAINING CENTER Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date <u>8-30-76</u>		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

29

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Les E. Munn W. O. 1932  
 Lic. No. # AIP1958521 T. T. 2590 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 9-20-76

I cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature David A. Kullman W. O. 1948  
 Lic. No. # 2082504 T. T. 2643 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 10-1-76

I cert. that in accordance with progressive inspection program, a phase 5 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature L. H. Hume W. O. 1948  
 Lic. No. # AIP699174 T. T. 2693 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 10-18-76

I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature L. H. Hume W. O. 1963  
 Lic. No. # AIP699174 T. T. 2745 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33  
 Date 11-1-76



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
11/18/76	A/C TACH TIME				2765.80			Remove Engine S/N 551565 T.S.O 476.80 HRS. Propeller S/N 742976 TSO 476.80 HRS Engine + Propeller Removed acct Sudden stoppage - Gear (nose) Earle C Collins Retracted on Landing Roll. Removed A+P 40-7018 Gear Actuator (S/N R 4558) Gear Box		
11/18/76	DD 76-22-02 + Beech 085-313 Completed									
	DIRECT TT 2766 - Change Seat Belt Buckles									
	WO 1963 - Earle C Collins A+P 40-7018									
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

31

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

11/30/76  
~~11/24/76~~

Repaired Nose Section after Nose Gear "up" Landing  
 Installed New + overhauled Parts in accordance with  
 current FAA Regulations and Beech Service Manual  
 Replaced Nose Bag Assembly, RH Forward Keel Beam  
 Assy Angle and Web, Both Side Panels and R.H. InBoard  
 Main Gear Door and Both Nose gear clam shell  
 Doors - Painted green with Alumogrip Paint.  
 Weight and Balance not effected. I certify  
 this Airplane as Air worthy and is Returned  
 To Service Eagle & Collins  
 WO-1969 ACP-40-7018  
 Aircraft TT 276580





## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS - ADJUSTMENTS - REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
11/30	INSTALLED Engine S/N 551411 T.S.O. "O" TOTAL Time 2888 HRS									
	in P 8552R S/N CE533 TT 2765.80 - ALL WORK PERFORMED									
	FOR CURRENT FAA Regulation and Beech and Continental									
	SERVICE Manuals - AIRCRAFT AIRWORTHY and									
	Returned to Service - Earle C. Collins A+P 40-7018									
	W.D-1969									
11/30	Installed Prop S/N 740574 TSO "O" on engine S/N 551411									
	in P 8552R TT 2765.80 - ALL WORK PERFORMED FOR									
	CURRENT FAA Regulations + Beech and McCooly									
	SERVICE Bulletins - AIRCRAFT AIRWORTHY and									
	Returned To Service Earle C. Collins A+P 40-7018									
	W.D 1969									
TOTALS FORWARD										
TOTALS TO DATE										

TEST	<input checked="" type="checkbox"/>	CUTTER A.I.R. FAA NO. 4270 2631 AIRLANE RD. PHOENIX, ARIZONA 85034 Phone (602) 273-1401	DATE	
REPAIR	<input type="checkbox"/>		W.O. NO.	
OVHL.	<input type="checkbox"/>			

 AVIONICS DIVISION  
2631 AIRLANE  
PHOENIX, ARIZONA

R4281

## ALTIMETER SCALE ERROR

TEST POINT	ERROR	
	ROOM ° C TEMP.	LOW ° C TEMP.
-1000	+20	
0	+10	
500	0	
1000	0	
1500	0	
2000	0	
3000	-10	
4000	-10	
6000	-10	
8000	0	
10000	+10	

TEST POINT	ERROR	
	ROOM ° C TEMP.	LOW ° C TEMP.
12000	+10	
14000	+10	
16000	+30	
18000	+30	
20000	+30	
25000		
30000		
35000		
40000		
45000		
50000		

 ALT. SER. NO. B 3216 DATE 12-8-76  
 SIG. Ed Paulsen

 I cert. that in accordance with progressive inspection program, a phase / ~~out~~ -route insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature [Signature] W. O. 1980  
 Lic. No. #A41199176 T. I. 2842 HRS

 AIRLINE TRAINING CENTER  
 Bldg. No. 53  
 Phoenix-Litchfield Airport  
 Goodyear, Arizona 85338  
 Date 12-22-76

 FAA Approved  
 Repair Station  
 #462-33




INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

I certify that altimeter and static system tests required by FAA Part 91-17C have been performed  
Static system test date 12-9-76

Altimeters tested to 20,000 feet.

LH Altimeter SN B 3216, Date 12-8-76

RH Altimeter SN N/A, Date N/A

SIGNATURE Steven B Morris AP 5268653  
PSAJATC W.D. #1980

REMOVE ALTIMETER SIN B5295 INSTALL ALTIMETER  
SIN B 3216

I cert. that in accordance with progressive inspection  
program, a phase 7 det-rout insp. was performed acc. to  
a prog. insp. - aircraft is approved for return to service  
Signature Steven B Morris W. O. 1980  
Lic. No. #4615268653 T. T. 2791 HRS

AIRLINE TRAINING CENTER  
Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33  
Date 12-9-76

I cert. that in accordance with progressive inspection  
program, a phase 7 det-rout insp. was performed acc. to  
a prog. insp. - aircraft is approved for return to service  
Signature John W. O. 1980  
Lic. No. #4615268653 T. T. 2842 HRS

AIRLINE TRAINING CENTER  
Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33  
Date 12-22-76

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 2 det. rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33		
	Signature <u>[Signature]</u> W. O. 1996							Date <u>1-7-77</u>		
	Lic. No. # <u>AP5584653</u> T. T. <u>2892 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 3 det. rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33		
	Signature <u>[Signature]</u> W. O. 1996							Date <u>1-19-77</u>		
	Lic. No. # <u>AP199174</u> T. T. <u>2945 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 4 det. rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33		
	Signature <u>[Signature]</u> W. O. 1996							Date <u>1-31-77</u>		
	Lic. No. # <u>AP699174</u> T. T. <u>3000 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 5 det. rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33		
	Signature <u>[Signature]</u> W. O. 2012							Date <u>2-9-77</u>		
	Lic. No. # <u>AP199174</u> T. T. <u>3043 HRS</u>									
TOTALS FORWARD										
TOTALS TO DATE										



## REMARKS

35

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Steven L. Mourin W. O. 2012  
 Lic. No. AEP 52684653 T. T. 3094 HRS.

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33

Date 2-21-77

I cert. that in accordance with progressive inspection program, a phase 7 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Patrick T. Beil W. O. 2028  
 Lic. No. AIP 2211466 T. T. 3146 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33

Date 3-3-77

I cert. that in accordance with progressive inspection program, a phase 8 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Patrick T. Beil W. O. 2028  
 Lic. No. AIP 2211466 T. T. 3195 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33

Date 3-14-77

I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature Patrick T. Beil W. O. 2028  
 Lic. No. AIP 2211466 T. T. 3248 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33

Date 3-23-77

I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service  
 Signature L. H. H. W. O. 2043  
 Lic. No. AIP 199174 T. T. 3298 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
 Phoenix-Litchfield Airport Repair Station  
 Goodyear, Arizona 85338 #462-33

Date 4-1-77

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE
			Up	Down	Hours	Min.			
	I cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338 #462-33	
	Signature <u>[Signature]</u>							W. O. 2043	
	Lic. No. # <u>A-P-199174</u>							T. T. 3346 HRS	Date <u>4-11-77</u>
	I cert. that in accordance with progressive inspection program, a phase 5 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338 #462-33	
	Signature <u>[Signature]</u>							W. O. 2043	
	Lic. No. # <u>A-P-52686653</u>							T. T. 3394 HRS	Date <u>4-19-77</u>
	I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338 #462-33	
	Signature <u>[Signature]</u>							W. O. 2043	
	Lic. No. # <u>A-P-699174</u>							T. T. 3449 HRS	Date <u>4-28-77</u>
	I cert. that in accordance with progressive inspection program, a phase 7 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338 #462-33	
	Signature <u>[Signature]</u>							W. O. 2057	
	Lic. No. # <u>A-P-231146</u>							T. T. 3496 HRS	Date <u>5-11-77</u>
TOTALS FORWARD									
TOTALS TO DATE									



## REMARKS

37

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

a prog. insp. - aircraft is approved for return to service  
Signature Peter T. Bird W. O. 2057

Lic. No. ATP2211466 T. T. 3548 HRS

Date 5-24-77



I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

a prog. insp. - aircraft is approved for return to service  
Signature David A. Kullma W. O. 2072

Lic. No. 2082504 T. T. 3592 HRS

Date 6-3-77



I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

a prog. insp. - aircraft is approved for return to service  
Signature L. H. ... W. O. 2072

Lic. No. ATP699174 T. T. 3642 HRS

Date 6-15-77



I cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

a prog. insp. - aircraft is approved for return to service  
Signature L. H. ... W. O. 2072

Lic. No. ATP699174 T. T. 3691 HRS

Date 6-29-77



I cert. that in accordance with progressive inspection program, a phase 5 det-rout insp. was performed acc. to

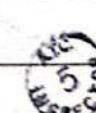
## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

a prog. insp. - aircraft is approved for return to service  
Signature L. H. ... W. O. 2088

Lic. No. ATP699174 T. T. 3747 HRS

Date 7-13-77





## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS - ADJUSTMENTS - REMARKS	SIGNATURE	LIC. NO.
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 7-26-77		
	Signature <u>T. T. 3796 HRS</u> Lic. No. # <u>AP 199124</u>									
	I cert. that in accordance with progressive inspection program, a phase 7 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 8-8-77		
	Signature <u>T. T. 3842 HRS</u> Lic. No. # <u>AP 199124</u>									
	I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 8-24-77		
	Signature <u>T. T. 3894 HRS</u> Lic. No. # <u>AP 191240</u>									
	I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							AIRLINE TRAINING CENTER Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 9-9-77		
	Signature <u>T. T. 3940 HRS</u> Lic. No. # <u>AP 191240</u>									
TOTALS FORWARD										
TOTALS TO DATE										



## REMARKS

39

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service

Signature [Signature] W. O. 02120  
Lic. No. # AP1912204 T. T. 3992 HRS

AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved

Phoenix-Litchfield Airport Repair Station

Goodyear, Arizona 85338 #462-33

Date 9-26-77

I cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service

Signature [Signature] W. O. 2136  
Lic. No. # AP1912404 T. T. 4042 HRS

AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved

Phoenix-Litchfield Airport Repair Station

Goodyear, Arizona 85338 #462-33

Date 10-11-77

10-13-77 Bendix AD 76-07-12 Ignition

Signature Eule C. Collins

Switch Check entered on Progressive Insp

AUTHORIZED REPRESENTATIVE

sheets FOR REPETITIVE 100 HR 145 sheets

AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved

Phoenix-Litchfield Airport Repair Station

Goodyear, Arizona 85338 #462-33

Eule C Collins 40-7018

I cert. that in accordance with progressive inspection

AIRLINE TRAINING CENTER

program, a phase 5 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service

Bldg. No. 53 FAA Approved

Phoenix-Litchfield Airport Repair Station

Signature [Signature] W. O. 2151

Goodyear, Arizona 85338 #462-33

Lic. No. # AP1912404 T. T. 4091

Date 11-9-77

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33		
	a prog. insp. - aircraft is approved for return to service							W. O. 2151 Date 11-21-77		
	Signature <i>[Signature]</i>							Uc. No. # ATP699174 T. T. 4149 Hrs		
	I cert. that in accordance with progressive inspection program, a phase 7 det-rout insp. was performed acc. to							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33		
	a prog. insp. - aircraft is approved for return to service							W. O. 2151 Date 11-30-77		
	Signature <i>[Signature]</i>							Uc. No. # ATP699174 T. T. 4193 Hrs		
	I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33		
	a prog. insp. - aircraft is approved for return to service							W. O. 2169 Date 12-9-77		
	Signature <i>[Signature]</i>							Uc. No. # ATP699174 T. T. 4241 Hrs		
12-13-77	P8552R S/N 503							ACFT 4258 Hours Removed		
	Engine S/N 551411 TSO							1482 Hours. Accumulated time		
	4367 hours - Removed							Prop S/N 574 ACFT TSO		
	1482 Hours WD 2176									
TOTALS FORWARD	Earle C. Collins							ATP 40-7018		
TOTALS TO DATE										



## REMARKS

41

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

12-13-77 P8552R - CE503 Installed Engine S/N 551507 ACTT 4258

TSO "O" accumulated time 4410 Hours and Signature \_\_\_\_\_

Prop S/N 733781 TSO "O" WO 2176. ALL

AUTHORIZED REPRESENTATIVE  
AIRLINE TRAINING CENTER

Bldg. No. 53

FAA Approved

Work per Current FAA Regulations at Phoenix - Litchfield Airport Repair Station

Goodyear, Arizona 85338 #462-33

Beet maintenance manual. Aircraft

Returned to Service as Airworthy.

Eddie C. Collins ACP 40-7018



I cert. that in accordance with progressive inspection  
program, a phase 2 det-rout insp. was performed acc. to  
a prog. insp. aircraft is approved for return to service

AIRLINE TRAINING CENTER

Bldg. No. 53

FAA Approved

Phoenix-Litchfield Airport Repair Station

Signature Steven S. Morris W. O. 2169

Goodyear, Arizona 85338 #462-33

Lic. No. ATP 5286665 T. T. 4292 HASDate 12-21-77

I cert. that in accordance with progressive inspection  
program, a phase 3 det-rout insp. was performed acc. to  
a prog. insp. aircraft is approved for return to service

AIRLINE TRAINING CENTER

Bldg. No. 53

FAA Approved

Phoenix-Litchfield Airport Repair Station

Signature Donald V. Hill W. O. 2186

Goodyear, Arizona 85338 #462-33

Lic. No. 18526257 T. T. 4347 HASDate 1-10-78

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53      FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338      #452-38 Date <u>1-24-78</u>		
	Signature <u>Ronald G. Helle</u> W. O. <u>2186</u>									
	Uc. No. # <u>185262591</u> T. T. <u>4395 HRS</u>									
	cert. that in accordance with progressive inspection program, a phase 5 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53      FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338      #462-38 Date <u>2-3-78</u>		
	Signature <u>Ronald G. Helle</u> W. O. <u>2205</u>									
	Uc. No. # <u>526310361</u> T. T. <u>4293 HRS</u>									
	cert. that in accordance with progressive inspection program, a phase 6 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53      FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338      #462-38 Date <u>2-15-78</u>		
	Signature <u>Ronald G. Helle</u> W. O. <u>2205</u>									
	Uc. No. # <u>185262591</u> T. T. <u>4494 HRS</u>									
	cert. that in accordance with progressive inspection program, a phase 7 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53      FAA Approved Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338      #462-38 Date <u>2-24-78</u>		
	Signature <u>Ronald G. Helle</u> W. O. <u>2205</u>									
	Uc. No. # <u>185262591</u> T. T. <u>4542 HRS</u>									
TOTALS FORWARD										
TOTALS TO DATE										



## REMARKS

43

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection  
program, a phase 1 det-rout insp. was performed acc. to  
a prog. insp. aircraft is approved for return to service.  
Signature Jeff Owen W. O. 2221  
Lic. No. # AP 526310361 T. T. 4593 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 3-7-78

I cert. that in accordance with progressive inspection  
program, a phase 2 det-rout insp. was performed acc. to  
a prog. insp. aircraft is approved for return to service.  
Signature Richard P. Austin W. O. 2221  
Lic. No. # AP 536601936 T. T. 4647 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 3-15-78

I cert. that in accordance with progressive inspection  
program, a phase 3 det-rout insp. was performed acc. to  
a prog. insp. aircraft is approved for return to service.  
Signature Ronald Kelle W. O. 2221  
Lic. No. # AP 5262591 T. T. 4693 HRS

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 3-22-78

I cert. that in accordance with progressive inspection  
program, a phase 4 det-rout insp. was performed acc. to  
a prog. insp. aircraft is approved for return to service.  
Signature Ronald Kelle W. O. 2221  
Lic. No. # AP 5262591 T. T. 4745

## AIRLINE TRAINING CENTER

Bldg. No. 53 FAA Approved  
Phoenix-Litchfield Airport Repair Station  
Goodyear, Arizona 85338 #462-33

Date 3-30-78

4-5-78 handling Gene Bax motor changed to CT 4781 Hours  
Wp. per FAA Publications + MFG Recommendation  
SN 6019 - Box Earle C Callers A & P 40-7018

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 5 det. rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338	FAA Approved Repair Station #462-33	
	Signature <u>Steve S. M... W. O. 2239</u>							Date <u>4-6-78</u>		
	Lic. No. <u>AAP 52656653</u> T. I. <u>4791 HNS</u>									
	ELT BATTERY REPLACED PIN BP-60 NEXT BATTERY CHANGE DUE ON OR BEFORE FEB-83									
4-11-78	A/C T.T. 4816 C/W Beech S.L. #0969									
	Installation of closure ANGLES on upholstery scuff Panels W.O. 2239									
	Walter C. Fay's AAP 1421921									
	I cert. that in accordance with progressive inspection program, a phase 6 det. rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Goodyear, Arizona 85338	FAA Approved Repair Station #462-33	
	Signature <u>W. O. 2239</u>							Date <u>4-15-78</u>		
	Lic. No. <u>AAP 52631026</u> T. I. <u>4840 HNS</u>									
T	TOTALS FORWARD									
T	TOTALS TO DATE									



## REMARKS

45

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

4-20-78 A/C TACH TIME 4865 REMOVED PROPELLER ASSY S/N 733871  
 DUE TO BLADE • LOOSE IN HUB AND SLINGING OIL. INSTALL  
 "O" TIME OVERHAUL PROPELLER ASSY S/N 740819  
 IN ACCORDANCE WITH SHOP MANUAL AND CURRENT FAA  
 REGULATIONS A/C APPROVED FOR RETURN TO SERVICE  
 WO# 2239 David A. Kullman A&P 2032504

I cert. that in accordance with progressive inspection

## AIRLINE TRAINING CENTER

program, a phase 7 det-rout insp. was performed acc. to

Bldg. No. 53

FAA Approved

a prog. insp. aircraft is approved for return to service

Phoenix-Litchfield Airport

Repair Station

Signature Randy M. Kille W. O. 2239

Goodyear, Arizona 85338

#462-33

Lic. No. 22315262591 T. T. 4891 HRSDate 4-26-78

TACH 4897 HRS - 4-28-78 - TESTED KING KT-76 TRANSPONDER  
 TO MFG. SPECS AND ALL CURRENT FAA FAR 91.177 REQUIREMENTS  
 THIS DATE. G.E. Bunkhoffer #378567104

DEER VALLEY AVIONICS, INC.

Station #462-17

530 W. DEER VALLEY RD. PHX. ARIZ.

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	I cert. that in accordance with progressive inspection program, a phase 1 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 5-8-78		
	Signature <u>Luisan Hayfild</u> W. O. <u>2264</u>									
	Uc. No. # <u>527028247</u> T. T. <u>494.3 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 2 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 5-23-78		
	Signature <u>Ronald Kello</u> W. O. <u>2264</u>									
	Uc. No. # <u>5270282591</u> T. T. <u>499.2 HRS</u>									
	I cert. that in accordance with progressive inspection program, a phase 3 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 6-5-78		
	Signature <u>Luisan Hayfild</u> W. O. <u>2289</u>									
	Uc. No. # <u>527028246</u> T. T. <u>5040</u>									
	I cert. that in accordance with progressive inspection program, a phase 4 det-rout insp. was performed acc. to a prog. insp. - aircraft is approved for return to service							<b>AIRLINE TRAINING CENTER</b> Bldg. No. 53 Phoenix-Litchfield Airport Repair Station Goodyear, Arizona 85338 #462-33 Date 6-16-78		
	Signature <u>Jeff Pueren</u> W. O. <u>2289</u>									
	Uc. No. # <u>5270282310361</u> T. T. <u>5091 HRS</u>									
TOTALS FORWARD										
TOTALS TO DATE										



## REMARKS

47

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I cert. that in accordance with progressive inspection

AIRLINE TRAINING CENTER

program, a phase 5 det-rout insp. was performed acc. to

Bldg. No. 53

FAA Approved

a prog. insp. aircraft is approved for return to service

Phoenix-Litchfield Airport Repair Station

Signature Ronald Helle W. O. 2289

Goodyear, Arizona 85338 #462-33

Uc. No. 175262591 T. T. 5141 HRSDate 6-28-78

I cert. that in accordance with progressive inspection

AIRLINE TRAINING CENTER

program, a phase 6 det-rout insp. was performed acc. to

Bldg. No. 53

FAA Approved

a prog. insp. aircraft is approved for return to service

Phoenix-Litchfield Airport Repair Station

Signature Luis H. Helle W. O. 2303

Goodyear, Arizona 85338 #462-33

Uc. No. 152702824 T. T. 5194Date 7-11-78

I cert. that in accordance with progressive inspection

AIRLINE TRAINING CENTER

program, a phase 7 det-rout insp. was performed acc. to

Bldg. No. 53

FAA Approved

a prog. insp. aircraft is approved for return to service

Phoenix-Litchfield Airport Repair Station

Signature Ben Brent W. O. 2303

Goodyear, Arizona 85338 #462-33

Uc. No. 2122766 T. T. 5243 HRSDate 7-24-78

I cert. that in accordance with progressive inspection

AIRLINE TRAINING CENTER

program, a phase 1 was performed acc. to

Bldg. No. 53

FAA Approved

a prog. insp. aircraft is approved for return to service

Phoenix-Litchfield

Repair Station

Signature Ronald Helle W. O. 2323

Goodyear, Arizona 85338 #462-33

Uc. No. 175262591 T. T. 5292 HRSDate 8-2-78

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
<p>I cert. that in accordance with progressive inspection program, a phase 2 en-route insp. was performed acc. to a-pog insp. - aircraft is approved for return to service</p> <p>Signature: <u>Ben Sweet</u> W. O. <u>2323</u> Bldg. No. 53 FAA Approved  Phoenix-Litchfield Airport Repair Station  Goodyear, Arizona 85338 #462-38  Lic. No. <u>2172766</u> T. T. <u>5346 HRS</u> Date <u>8-11-78</u></p>										
<p>I cert. that in accordance with progressive inspection program, a phase 3 en-route insp. was performed acc. to a-pog insp. - aircraft is approved for return to service</p> <p>Signature: <u>Donald Miller</u> W. O. <u>2323</u> Bldg. No. 53 FAA Approved  Phoenix-Litchfield Airport Repair Station  Goodyear, Arizona 85338 #462-38  Lic. No. <u>128185362571</u> T. T. <u>5390 HRS</u> Date <u>8-23-78</u></p>										
<p>8-28-78 DC 8552R Tach Time 5393 Hours Removed  Eng SN 551507 T.S.O. 1193 HRS FOR OVERHAUL  WD. 2344. TN Stalled Eng SN 551758. DII WORK  Per FDA Regulations and MP6 Publications  AIR CRAFT AIR WORTHY FOR RETURN TO SERVICE  AFTER New Annual -  Earle C Collins ACP 40-7018</p>										
T	TOTALS FORWARD									
T	TOTALS TO DATE									



## REMARKS

49

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I certify that this AIRCRAFT has been  
 inspected in accordance with ANNUAL  
 inspection and was determined to be in airworthy  
 condition.

Date 9-6-78 Tach 5393 TT 5393 H/15

Signature Ben Brent P: 12172766

AIRLINE TRAINING CENTER

Bldg. No. 53

FAA Approved

Phoenix - Litchfield Airport

Repair Sta. #462-33

Goodyear, Arizona 85338

9-6-78 A/c removed from Progressive inspection  
Program A/c T.T. 5393 H/15 WO# 2350

Signature Ben Brent

AUTHORIZED REPRESENTATIVE

AIRLINE TRAINING CENTER

Bldg. No. 53

FAA Approved

Phoenix - Litchfield Airport

Repair Station

Goodyear, Arizona 85338

#462-33

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS - ADJUSTMENTS - REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Mins.				
3-26-79	Tech				5:40			ent tech sit at 0" hrs - #Dulby 14054		
<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED  IN ACCORDANCE WITH A <u>3-26-79</u> INSPECTION AND  WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  DATE <u>3-26-79</u> TACH READS <u>27-2000</u>  TOTAL <u>5:40</u> PERTINENT DETAILS ARE ON FILE  UNDER W.O. # <u>2-553</u> AT THIS STATION  SIGNED <u>[Signature]</u>  CENTRAL ARIZONA AVIATION FAA CERTIFIED REPAIR  STATION #00200 AIRFRAME CLASS 1 &amp; 3  BALCON FIELD MESA, ARIZONA</p>										
TOTALS FORWARD										
TOTALS TO DATE										



DATE

3-23-79 Remove  
20,000' EWC  
Installed E  
AC 43-6. Te  
STATIC System  
form in 7  
Balance.

ALTIMETER SCALE ERROR				(SEE NOTE ON REVERSE SIDE)	
NOMENCLATURE		101627 01882		SERIAL NO.	
ALTIMETER PRESSURE				C115382	
TEST PT (Ft)	INDICATOR READ-INGS AT + 25 ° C	TEST PT (Ft)	INDICATOR READ-INGS AT + 25 ° C	TEST PT (Ft)	INDICATOR READ-INGS AT + 25 ° C
-1000	5	6000	-30	25,000	
0 0	0	8000	-15	30,000	
500	15	10,000	-45	35,000	
1000	-10	12,000	-50	40,000	
1500	15	14,000	-65	45,000	
2000	-15	15,000	-55	50,000	
2500	—	16,000	-65	55,000	
3000	-20	18,000	-120	60,000	
4000	-15	20,000	-130	70,000	
5000	-20	22,000		80,000	

AFTO FORM 120

AFTO FORM MAR 59 139

FEB 23 1979

AF-WP-O-MAR 59 60M

New Totals  
EW 2214.4 LBS.  
CG. 80.47  
Moment: 178196

**KENNEDY AVIONICS, INC.**  
4805 FALCON DR., SUITE 8  
MESA, ARIZONA 85205

*[Signature]*

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

3-23-79 Removed altimeter, Installed Aerosemic 101627-C  
20,000' ENC. ALT + King KV-65 DNE SYSTEM.  
Installed Equip in Accordance with AC 43.13-2 +  
AC 43-6. Tested Encoding Output. Did Not Perform  
Static System Check. Incorporated avionics revision  
form in Flight Manual. ~~Re~~ Computed w/ +  
Balance.

New Totals

EW 2214.4 LBS.

CG. 80.47

Moment: 178196

**KENNEDY AVIONICS, INC.**

4805 FALCON DR., SUITE 8  
MESA, ARIZONA 85205

*John Kennedy*



## REMARKS

53

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

3-29-79 - Installed one King KN 75 Calde Super beacon; weight and balance negligible.

Installed By: AERO ELECTRONICS

P. O. Box 13361 International Airport

Memphis, Tenn. Repair Station 5123

See W/O 25301 for reference

Inspector

*[Signature]*

No.

194943

8-27-79 Installed New MARCO ELT 10 and ANTenna. Installed ELT in original position with unit supplied mount. ANTenna Installed on Top of Fuselage with doubler, weight change negligible new & old Transmitters weight the same.

clw AD 79-1-1 By inspection All screws marked with (X), clw AD 76-7-12 By ops check of

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	Bendix Ignition switch.							Schuster Olney A2P2092026		
<p>* 17-80. TOTAL TIME. 5520.2. REPLACED LEFT MAIN BRAKE OUTSIDE PADS. PAINTED NOSE GEAR WHEEL. RE-INSTALLED PILOT'S LEFT RUDDER PEDAL SPRING. REPLACED PRESSURE SYSTEM IN-LINE FILTER HOSES. STOP DRILLED CRACK IN TAIL NAV LENS. SERVICED SHIMMY DAMPERS WITH HYDRAULIC FLUID. ADJUSTED NOSE GEAR DOORS &amp; LUBED LINKAGES. REPLACED BOTTOM, LEFT MAIN GEAR DOWN &amp; LOCKED LIGHT. C/W AD 76-7-12 BENDIX IGNITION SWITCH BY CHECKING IGNITION SWITCH FOR MALFUNCTION IN THE "PAST OFF" POSITION. SWITCH FUNCTIONED PROPERLY. C/W AD 77-13-22 CONT. CRANKCASE INSPECTION. BY INSPECTING FOR CRACKS. FOUND NO CRACK. SERVICED BRAKE MASTER CYLINDER &amp; LUBED ALL GEAR GREASE FITTINGS. GREASED ALL WHEEL BEARINGS. RAN A/C UP &amp; CHECKED ALL SYSTEMS. ALL SYSTEMS OK.</p> <p>checked ADS For compliance SEE List in Rear of Log book.</p>										
TOTALS FORWARD	Log book.							Schuster Olney	A2P2092026	
TOTALS TO DATE										



## REMARKS

55

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Date 4-17-80.....

I certify that this aircraft has been inspected

in accordance with an ANNUAL.....inspection and was determined to be in air-  
worthy condition. Applicable A.D.'s listed c/w.Tach. Reading 5520.2 Total Time 5520.2..Signed Solomon Alemp.....

For RICHMOR AVIATION, INC.

C.R.S. #1358

4-17-80 Tach 5520.2 Preformed static system  
 Leak down Test Leak rate 20 FPM  
 Next ALTimeter & static system tests due  
 2/81. Solomon Alemp BAP2092026

Scanned with CamScanner



REMARKS

57

INSTRUMENT *GYRO DIR. IND.* W.O. NO. *1-2504*  
 PART NO. *AIM 200H* SER. NO. *2471*  
 CUSTOMER *NELSON AVIA* DATE *6-11-81*  
 P.O. NO. MFG. *AIM*  
 TECHNICIAN *Andy K.* INSPECTOR *W. H. H.*  
 REMARKS

**MIDWAY AIRCRAFT INSTRUMENT CORPORATION**  
 185 BERGER ST.  
 ALTIMETER Serial No. *6-115382*

## SCALE CORRECTIONS

Altitude Reads	ADD Algebraically	
	Room °C Temp.	Low °C Temp.
-1,000	0	
0	0	
500	-5	
1,000	+5	
1,500	-5	
2,000	0	
3,000	+5	
4,000	0	
6,000	+15	
8,000	+25	
10,000	+45	
12,000	+60	
14,000	+95	

TESTED BY: *E.L.*ALTIMETER Serial No. *6-115382*

Altitude Reads	ADD Algebraically	
	Room °C Temp.	Low °C Temp.
16,000	+100	
18,000	+120	
20,000	+125	
22,000	+140	
25,000	+150	
27,000	+160	
35,000		
40,000		
45,000		
50,000		
60,000		
70,000		
80,000		

AT: *MIDWAY*DATE: *6/5/81*

DATE

MAIN

This component was  
 with current Federal Aviation  
 for return to service.

Pertinent details of the  
 Work Order Number and

Signed: *[Signature]*

(Signature)

3559

2-3-4

LIMITED

INSTRUMENT	ALTIMETER	W.O. NO.	1-2503
PART NO.	101627-01696L	SER. NO.	G 115382
CUSTOMER	NELSON AVIA.	DATE	6-5-81
P.O. NO.		MFG.	AERO SONIC
TECHNICIAN	E. HOFFMAN	INSPECTOR	
REMARKS	E/C - WITHIN F.A.R. 91.170, TO 27,000 FT		

**MIDWAY AIRCRAFT INSTRUMENT CORPORATION**

185 BERGER ST.

FAA NO. 3559

WOOD-RIDGE, N.J. 07075


CLASSES 1-2-3-4

(201) 939-7366

UNLIMITED

**SERVICEABLE**



INSTRUMENT	GYRO DIR. IND.	W.O. NO.	1-2507
PART NO.	AIM 200H	SER. NO.	2471
CUSTOMER	NELSON AVIA	DATE	6-11-81
P.O. NO.		MFG.	AIM
TECHNICIAN	Andy K.	INSPECTOR	
REMARKS	overhauled		

## MIDWAY AIRCRAFT INSTRUMENT CORPORATION

185 BERGER ST.

FAA NO. 3559

WOOD-RIDGE, N.J. 07075

CLASSES 1-2-3-4

(201) 939-7366

UNLIMITED

# SERVICEABLE

# REMARKS

57

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I certify that this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Time in service 510 Tach Date 7/1/82

Dennis P. Kiernan

Dennis P. Kiernan  
IA 152323266

I certify that this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Time in service 5974.6 Date 5/27/83 Tach 661

Dennis P. Kiernan

Dennis P. Kiernan  
IA 152323266



DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LIC. NO.
			Up	Down	Hours	Min.				

## REMARKS

59

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

MAY 14, 1984 AT THIS TIME A WEIGHT AND  
BALANCE COMPUTATION WAS DONE TO REFLECT  
THE EXCHANGE OF EQUIPMENT PERFORMED BY  
PERSONS UNKNOWN AND NOT DOCUMENTED.  
SEE REVISION SHEET ATTACHED TO SECTION 6  
OF AIRCRAFT FLIGHT MANUAL.

NEW AIRCRAFT EMPTY WEIGHT: 2211.65 LBS

NEW EMPTY WEIGHT C.G.: 80.5 INCHES

NEW TOTAL MOMENT: 178122 IN LBS

NEW USEFUL LOAD: 1188.35 LBS

Anthony F. Romeo ONE 1401369

% NEW HAVEN AIRWAYS CRS 1233

NEW HAVEN, CONNECTICUT



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS - ADJUSTMENTS - REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
MAY 14, 1984	REMOVED: BEECHCRAFT TURN CO-ORDINATOR AND AIM DIRECTIONAL GYRO.									
	INSTALLED: 5 TEL SYSTEM Q-R AUTO-PILOT AND RYAN WX-8 STERNSCOPE. SEE REVISION SHEET ATTACHED TO SECTION 6 OF AIRCRAFT FLIGHT MANUAL FOR WEIGHT AND BALANCE DATA.									
	NEW AIRCRAFT EMPTY WEIGHT: 2241. LBS									
	NEW EMPTY WEIGHT C.G.: 80.5 INCHES									
	NEW TOTAL MOMENT: 181765.9 IN. LBS.									
	NEW USEFUL LOAD: 1159. LBS									
	Anthony F. Russo ONE 1401369									
	C/O NEW HAVEN AIRWAYS CCS 1233									
TOTALS FORWARD	NEW HAVEN, CONN.									
TOTALS TO DATE										

## REMARKS

61

DATE INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

7-7-84. TACH 871.7 TOTAL TIME 6281.7. A/C PAINTED BY B.T. GREEN  
AMBLER, PA. BASE COLOR. BEIGE 42807U, GREEN 43073 UH, GOLD  
44469UH. GEAR RETRACTION CHECK DONE BY B.T. GREEN.  
REMOVED INSPECTION PANELS, INSPECTED AND LUBRICATED PER  
BEECHCRAFT SERVICE MANUAL, REPLACED LIFT DETECTOR,  
REPLACED LT. TIRE, REPAIRED WHEEL BRGS. AD 84-09-01 N/A. 4 seats  
only. - EMERGENCY EXIT INSPECTED LABEL NEEDED, AD 76-07-12 C/W  
BY INSPECTION NEXT INSPECTION DUE AT TT 871. I CERTIFY THAT  
THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN  
ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN  
AIRWORTHY CONDITION *Berghmann* IA2216074



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
17 84	INSTALL RE-MANUF. ENCODING ALTIMETER, RELATIVE FOR 91.171 AB+C COMPLY FAR 91.172/34 TXPT+ENC									
<p>FAR 91.171 has been accomplished            FAR Part 43 APP E Para. A, B, C            as appropriate. The altimeter has been            tested to <u>90K</u> feet.</p> <p>Signature <u>[Signature]</u>            make <u>AOR</u> model <u>101627</u>            serial <u>27425</u> date <u>7-9-14</u></p> <p>NEWAIR FLIGHT, INC. CRS-1233</p>								<p>ATC transponder tests and inspections            required by FAR 91.172 were performed            this date <u>7-17-14</u> and found to comply            with FAR part 43 Appendix E.</p> <p>No. 1: <u>KT-76</u>            No. 2: <u>[Signature]</u>            W.O. # <u>R-5738</u> Signed <u>[Signature]</u></p> <p>NEWAIR FLIGHT, INC. CRS-1233</p>		

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIG
			Up	Down	Hours	Min.			
7/17/84	INSTALL RE-MANUF ENCODING ALTIMETER, RELATIVE FOR 91.171 A13 + C								
	CANOPY FAR 91.172/136 TXP + E								
	FAR 91.171 has been accomplished FAA W Part 43 APP E Para. A, B, C							ATC transponder tests and inspection were performed and found to comply with Appendix F.	

## SCALE CORRECTIONS

TRUE ALTITUDE	Gage Correction	
	Room Temp. °C	Low Temp. °C
-1000	0	
0	0	
500	0	
1,000	0	
1,500	0	
2,000	+10	
3,000	+10	
4,000	+20	
6,000	+30	
8,000	+40	
10,000	+50	

TESTED BY: E. Fowler

## ALTIMETER SER. #27405C

TRUE ALTITUDE	Gage Correction	
	Room Temp. °C	Low Temp. °C
12,000	+80	
14,000	+80	
16,000	+60	
18,000	+80	
20,000	+100	
22,000		
25,000		
30,000		
35,000		
40,000		
45,000		
50,000		

DATE: 7 May 84

VIP Aeronautical Instrument Lab

Brainard Airport  
Hartford, Conn.

203-525-6713

INC

CRS



## REMARKS

63

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

7/27/84 T.T.A.C. 6332-5 LUBED NOSE STRUT AND STEERING MECH.  
INSTALLED 3 NEW GREASE FITTINGS AND WASHER ON NOSE STRUT  
TRIMM. RECORD NOSE GEAR POKS LAW MAINT MANUAL. CYCLED  
GEAR OPS OK. SERVICED SHIMMY DAMPENER. INSTALLED  
NEW BANDING LITE C.B. ADJUSTED COWL LATCHES W/001-5855

PAGE AVJET CORPORATION

ALBANY AIRPORT, ALBANY, N. Y.

CERTIFICATED REPAIR STATION #1070

Airframe

Radio Class I &amp; II No Limitations

Date 7/27/84 Signed BW

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				

MAKE Beech MODEL F33A SERIAL NO./N. NO. CE-533

TACH READING 1150.4 DATE 5-23-85

ENGINE S/N 551758 Removed FACTORY Rebuilt  
 ENGINE S/N 249289-R INSTALLED WITH NEW LORD MOUNTS.  
 PROP GOV HOSES FORWARD OF THE FIREWALL REPLACED  
 WITH OVERHAULED UNITS AT THIS TIME. GOV P/N D210680  
 S/N 1759679 PROP P/N 243623P ESS84B-0 S/N 737048. RT.  
 EXHAUST STACK REPLACED WITH A OVERHAULED UNIT.  
 AIRCRAFT TEST FLOWN.

MATTITUCK AIRBASE INC.  
 F.A.A. Repair Station No. 3533  
 W.O. No. 17881



Mahtan P. Russell  
 Authorized Signature

TOTALS TO DATE



## REMARKS

66

DATE  
1985

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

5/30 Tach 11635 Replaced Instrument Air Filters (09-145 + 134-6)

Paul P. Cutting A+P47389343 IA

6-21-85 REPLACED WHEEL BEARINGS IN LEFT WHEEL & 1 BEARING  
 ASSY. IN NOSE WHEEL, REPACKED ALL WHEEL BEARINGS, REPLACED  
 BRAKE LINES ON RIGHT WHEEL, REPLACED 3 BOLTS ON ELEV.  
 TRIM TAB, REPLACED RIGHT HAND GEAR UP-LOCK CABLE, REPLACED  
 ROTATING BEACON BULBS, CLEANED & PAINTED BATTERY BOX. TOTAL  
 TIME AIRC. 6598.03 HRS. (TACH. 1188.03) TOTAL TIME ENGINE  
 37.63 HRS, TIME LAST 12 MOS, 316.33 HRS, DATE LAST ANNUAL  
 7-7-84, GEAR RETRACTION CHECKED,

SCHNEIDER AIR SERVICE  
 NORTH SMITH ROAD  
 LEGRANGEVILLE, N.Y. 12540  
 914-677-9353

I certify that this AIRCRAFT/ENGINE  
 has been inspected in accordance with  
 A ~~100 HR~~ / AN ANNUAL inspection, and was  
 determined to be in airworthy condition.  
 Date 6-21-85 Total Time 6598.03  
 Signed H. Morrarty  
 Harold Morrarty, IA 734240

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
6-6-86	TOTAL TIME				6883	.87		TACH TIME 1473.87.		
	<p>OPENED ALL APPLICABLE INSPECTION PANELS            LUBRICATED ALL PULLEYS, CHAINS, AND LANDING            GEAR PARTS CHECKED ALL SYSTEMS FOR PROPER            OPERATION, PERFORMED LANDING GEAR RETRACTION            CHECK, ADJUSTED UPLOCK CABLES, REPLACED            UPLOCK ROLLER BOLTS AND BUSHINGS, INSTALLED            NEW 'O' RINGS IN RIGHT BRAKE ASSY. ALL OTHER            ROUTINE MAINTAINANCE WAS ACCOMPLISHED</p>									
								DATE 6-6-86 TOTAL AIRCRAFT TIME 6883.87 TACH. READING 1473.87 ENGINE TIME SMON 323.47 I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
								SCHNEIDER AIR SERVICE NORTH SMITH ROAD ENGRANGEVILLE, N.Y. 12540 914-677-9353		
TOTALS FORWARD										
TOTALS TO DATE										

*Steve Court*  
 ATP 142-52-2991



## REMARKS

67

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

6-6-86 TACH TIME 1473.97 TOTAL TIME 6883.37

DATE ~~6-6-86~~ 6-6-86  
 TOTAL AIRCRAFT TIME ~~6883.37~~  
 TACH. READING 1473.97  
 ENGINE TIME SMOH 323.47  
 I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN  
 INSPECTED IN ACCORDANCE WITH ANNUAL  
 INSPECTION AND WAS DETERMINED TO BE IN AN  
 AIRWORTHY CONDITION.

SCHNEIDER AIR SERVICE  
 NORTH SMITH ROAD  
 LAGRANGEVILLE, N.Y. 12548  
 914-677-9353

Robert Lint - 1A543669529

9/26/86 TACH TIME 1541.71

REMOVED LANDING GEAR MOTOR CLEANED, INSPECTED  
 AND INSTALLED NEW BRUSHES, REINSTALLED AND PERFORMED  
 RETRACTION CHECK, INSTALLED NEW ECT BATTERY  
 DATED 'MAY' 88, REPLACED LH ELEVATOR INBOARD  
 BEARINGS, REPLACED THROTTLE WARNING MICRO SWITCH  
 ARM, AND READJUSTED SWITCH

SCHNEIDER AIR SERVICE  
 NORTH SMITH ROAD  
 LAGRANGEVILLE, N.Y. 12548  
 914-677-9353

John Cunt  
 HP 142522591



316-264-2397

cate No. 3154-Accessory Overhaul

SHIP TO

**Airport**

210 27.50 57.50

### PARKING SLIP



# REMARKS

69

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

7-57 Tech 1681.76 AIRFRAME - Jacked aircraft, removed wheels, greased bearing and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date 7-6-87 Total Aircraft Time 7091.7 I certify this

AIRCRAFT has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

Signature Robert C. Ward A & P No. 13132474C

I certify that this AIRFRAME was inspected in accordance with a 100 hr inspection and determined to be in airworthy condition.

Auth. Sig. William F. Brown  
Cert. No. 1A 9699  
Date 7-6-87 T.T. 7091 Tech. 1681

Scanned with CamScanner



**J.A., INC.**  
**JOLIET AVIONICS, INC.**  
 FAA Repair Station 3159

**ALTIMETER CALIBRATION**

MANUFACTURE Aerosonic MODEL 101420 S/N 274050

SCALE ERROR		FRICTION		HYSTERESIS
ALT.	ERROR	ALT	DIFF	
1000	-20	1000	20	50% 30
0	-20	2000	40	
500	-20	3000	40	
1000	0	5000	40	40% 10
1500	-10	10000	40	
2000	0	15000	60	AFTER EFFECT 0
3000	0	20000	60	CASE LEAK 0
4000	-10	25000		
6000	-30	30000		
8000	-40	35000		
10000	-60	40000		
12000	-80	45000		
14000	-60			
16000	-40			
18000	-80			
20000	-130			
22000				
25000				
30000				
35000				
40000				
45000				
50000				

THIS ALTIMETER TESTED IN ACCORDANCE WITH  
 FAR 91.171 AND PART 43, APPENDIX "E"

DATE 10/28/87  
 W.O. # 92200  
 INSP Dmy MRP

# REMARKS

DATE \_\_\_\_\_ INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

ALTIMETER (S)

PILOTS Aerosonic C/PILOT'S N/A ALTIMETER  
S/N 274050 S/N A

STATIC SYSTEM TESTED THIS DATE 10/22/87 AS REQUIRED  
BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E"  
PARAGRAPH (a).

TESTED TO 20000 FT.

AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E"

PARAGRAPH (b) DATED 10/22/87

JOLIET AVIONICS, INC.

FAA REPAIR STATION #3159 CLASS III

SIGNATURE Doug Mall

JOLIET AVIONICS, INC.  
FAA REPAIR STATION #3159 CLASS III

SIGNATURE Doug Mall

DATE 10/22/87 MODEL KT-76 S/N 14039  
TRANSPONDER TESTED IN ACCORDANCE WITH  
PART 43.  
APPENDIX "F" FOR COMPLIANCE WITH FAR 91.172  
THIS DATE

AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED  
AND INSPECTED AS REQUIRED BY FAR 91.171 IN ACCORDANCE  
WITH FAR 43, APPENDIX "E" PARAGRAPH (c).

JOLIET AVIONICS, INC.

FAA REPAIR STATION #3159 CLASS III

SIGNATURE Doug Mall

JOLIET AVIONICS, INC.

FAA REPAIR STATION #3159 CLASS III

SIGNATURE Doug Mall

Alternate Inspector



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
4/13/88	INSTALLED NORTHSTAR XAI LOBBY, SWITCHING RELAYS AND INDICATOR LIGHT INSTALLED TO MPV1 C01									
	INDICATOR WEIGHT & BAL COMPLETED AND ENTERED THIS DATE.									
<b>JOLIET AVIONICS, INC.</b> <b>FAA REPAIR STATION #3159 CLASS III</b> <b>SIGNATURE</b> <u>Andrew R. VanAntwerp</u> <b>Alternate Inspector</b>								Install and/or removal Avionic Components <u>4/13/88</u> As listed in Minor Alteration Form-Date: <u>4/13/88</u> Work Order No. <u>245223</u> on file at (J.A. Inc.) New Aircraft Empty Weight: <u>2245.93</u> New Aircraft EWCG: <u>81.07</u> New Aircraft Useful Load: <u>1154.82</u> Signed by <u>Andrew R. VanAntwerp</u> <b>JOLIET AVIONICS, INC.</b> <b>DuPage Airport</b> <b>West Chicago, Illinois 60185</b> <b>FAA Approved Repair Station No. 3159</b>		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

73

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

8/01/88

Completed annual inspection in accordance with Beechcraft maintenance manual, Jacked aircraft, removed wheels, greased bearing and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oiled as needed. Removed all inspection plates and checked structure. Checked cockpit lights and instrument operation. REMOVED LH FUEL TANK AND SENT OUT FOR REPAIR, AND REINSTALLED USING ALL NEW GASKETS.

DATE 8-01-88 1795.0  
TOTAL TIME 645.66 SMON

I certify that this  
was repaired in  
accordance with AN  
and is approved  
Pertinent details  
Repair Station under 101300

Inspector

JOLIET AVIONICS, INC.  
WEST CHICAGO, IL 60185  
F.A.A. APPROVED REPAIR  
STATION #2150



## RC AVIONICS, INC.

MAINTENANCE RELEASE

Manufacturer BEECH  
Type of Unit FUEL GAUGE Registration No. \_\_\_\_\_  
Model PC BOARD Serial No. 0788278  
Location of Repair \_\_\_\_\_

The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station.

Order No. 2704 Date 3/27/88  
Signed [Signature]  
(Signature of authorized representative)

## FAA CERTIFIED REPAIR STATION C14-42

St. Paul Downtown Airport  
St. Paul, MN 55107  
Ph: (612) 228-9760  
CRS C14-42

Hanger #7, Flemming Field  
So. St. Paul, MN 55075  
Ph: (612) 450-9477  
CRS C14-42A

Anoka County Airport  
Mpls., MN 55432  
Ph: (612) 780-8980  
CRS C14-42B

## RC AVIONICS, INC.

MAINTENANCE RELEASE

Manufacturer BEECH  
Type of Unit P.C. BOARD Registration No. \_\_\_\_\_  
Model \_\_\_\_\_ Serial No. 0788277  
Location of Repair \_\_\_\_\_

The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station.

Order No. 2704 Date 7/27/88  
Signed [Signature]  
(Signature of authorized representative)

## FAA CERTIFIED REPAIR STATION C14-42

St. Paul Downtown Airport  
St. Paul, MN 55107  
Ph: (612) 228-9760  
CRS C14-42

Hanger #7, Flemming Field  
So. St. Paul, MN 55075  
Ph: (612) 450-9477  
CRS C14-42A

Anoka County Airport  
Mpls., MN 55432  
Ph: (612) 780-8980  
CRS C14-42B





## MEMORANDUM

DATE \_\_\_\_\_

ANNUAL DUE: ~~4-81~~ 5-82ALTITUDE CHECK DUE: ~~2-81~~ 6-82TRANSPONDER CHECK DUE: ~~4-80~~ 6-83ELI BATT DATE DUE: ~~8-80~~ ~~4-81~~ 10-82STATIC SYSTEM CHECK DUE - per Form 1 ~~4-80~~ 6-81



DATE

## AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft, Engine, Propeller, or Appliance/Comp. Make

F33A

Model F33A

Ser. No. CE

529

Number	Subject	Date and Hours of Compliance	Method of Compliance	ONE-TIME	RECURRING	Next Comp. Due Date/Hours	Authorized Signature and Number
12-07	CARTRIDGE WINDOW	3-3-76 2091 HRS	CHECKED WINDOW FRAME	X			
29-10	SECURITY OF CONTROLS		NA - SAI				
1-02	ENG. FUEL INTERRUPTION		NA - SAI				
12-01	UNLOCK ROLLERS		NA - SAI				
14-03	SHOCK STRUT PISTON		NA - SAI				
03-02	"		NA - SAI				
17-02	MECH FASTENERS		NA - SAI				
8-03	STROBE LIGHT		NA - STROBE LIGHT SYSTEM			NOT INSTALLED	
7-02	ENG. OIL		NA - BURL AIR OIL S.P.			NOT INSTALLED	
12-02	"X" TYPE SHOULDER HARDWARE	11-76 2766	CHANGED BUCKLES	X			
01-01	SCREW SECURITY	8/27-79 5490 HRS	CW B1 150P	X			
3-5	HOUSING AND BATT. RELAY		NA PER SN.				
0520	BA CONT.		2A 36C - 23-RF				
1-0502	CRANKSHAFT FAULTS		NA - MODEL NO				
7-13-22	CRANKCASE INSP		INSPECTION	X		EVERY 150 HRS.	
7-4-01	HUB FAULTS		NA - HUB SAI				
05-09	OL PRESS RELIEF VALVE		NA - SAI				
1-4	CONTINENTAL CYLINDERS.		NA - CYLINDERS NOT REPARABLE BY AIRMOTIVE.				
Equip.							
13-08	ALROTHING VAC PUMP		NA - SAI				
07-12	BENDIX SWITCH		OPS. CHECK	X		EVERY 100 HRS	
26-09	BENDIX MAGS		NA - SAI	X			
28-09-07	BENDIX MAGS		NA SHOWED OF SPARKS			INSTALLED	
28-09-07	BENDIX MAGS		INSPECT COILS	X		EVERY 1000 HRS	
18-05-06	GOODYEAR FUEL CELL		NA BTC - 39 CELLS			NOT INSTALLED	
19-05-02	LI SO2 ELT BATT.		BATT REMOVED			INSTALLED NARCO ELT	
0-26-2	WOODWARD GOVERNOR		NA PER GOVERNOR DATE AND MODEL NO.				



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-1-88	Tach Time	1795.		REMOVED INTERIOR FOR REFURBISH. Cleaned and Repainted all EXPOSED METALS and ROYALTY Trim pieces. Fabricated new HEADLINER, Fabricated and Installed window Trim pieces. Added INSULATION to cabin SIDEWALLS. RECOVERED cabin SIDE-PANELS. RE-foamed SEATS, Fabricated new COVERS FOR all SEATS and Installed. Fabricated and Padded and Bound new CARPET. ALL MATERIALS EXCEPT F.A.R. 23.853 Appendix "F" REQUIREMENTS MATERIAL RESULTS ON FILE THIS REPAIR STATION. <i>For Joliet Aviation's Repair Station #3159</i>
8-24-88	Tach Time	1807.1		REPLACED and CALIBRATED FUEL quantity P.C. BOARDS. REPLACED AMPMETER SHUNT and FUSE BLOCK REPAIRS OIL Temp gauge. Functional TEST OK <i>For Joliet Aviation's A/E 328503724</i>

DATE 1989	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
SEPTEMBER 7 <sup>th</sup> , 1989	TACH 1916.5		TOTAL TIME 7326.84 HOURS. 100 HOUR	INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH BEECH SERVICE MANUAL. AD 76-07-12 9/W AT RUNUP, SWITCH OK, NEXT YEAR 2016 TACH. REPLACED 1/4 WHEEL BRAKE CYLINDER. INSTALLED NEW ORGANIC BRAKE LININGS BOTH WHEELS. ELT BATTERY DUE REPLACEMENT BY MAY 90. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I/A/D AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. E. Williams IA331309478
9-8-89	1916.65			VOR ACCURACY CHECK #1 AGREES WITH #2 VOR $\pm 0^{\circ}$ W#7 <i>Chris</i> ATR 1384222
11-2-89	1949.0			INSTALLED NEW VOLTAGE REGULATOR. FUNCTIONAL CHECK OK. E. Williams IA331309478



# MAINTENANCE RELEASE

COMPONENT ALT. ENCODER SERIAL NO. 27405C

PART/MODEL NO: 101420-01249 MFG. AEROSONIC

☒ Overhaul ☐ Repair ☐ Bench Ck & Test ☐ New

The Aircraft Appliance identified above was overhauled, repaired, bench tested, or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this repair station under

Work Order # D1528

Authorized Signature [Signature]

Date 11/3/89

AND ALTERATIONS  
(CERTIFICATE NUMBER OF  
OTHER SPECIFIC ENTRIES.)

DATE 11-8-89  
POLO, IL

3000	+10	20,000	-80	60,000	
4000	-10	22,000		70,000	
6000	-10	25,000		80,000	

SIGNED Castleberry Instruments

REPAIR STATION, INC. A. G. #3103 POLO, IL

1-10-90 TALL 1973.52 C/W BEECH SERVICE BULLETIN 2333. REPLACED RUBBER SPARE WITH NEW BEECH PART # 33-630000-17. SEE 337 THIS DATE  
G. Williams AP331309478









DATE 19 <u>90</u>	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
MARCH 22, 1990 TACH 1928.7				INSTALLED NEW 2 1/4 MAIN GEAR TIRE. GROoved BEARINGS. E. Williams AP331319418
5-11-90 2049.0				VOR ACCURACY ALONG V-177 JUL → MSN #1 VOR ± 0° #2 VOR ± 0° W#7. <u>Chen</u> ATR 13P4222
8/13/90 TACH. 2089.17 WO# 7784				INSTALLED A NEW GOODYEAR RIGHT CUSTOM IT 7.00-6 6 PLY TIRE ON THE RIGHT MAIN GEAR. END
				FRANKFORT AVIATION SERVICE, INC. FRANKFORT, IL 60423
				SIGNATURE <u>[Signature]</u> AP 325741590



DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

TYPE Beechcraft F33  
 N# 8552R  
 S/N CE-533

**JA AIR CENTER**  
**DuPage Airport / West Chicago, IL 60185**

T.T. 7526.0  
 TSMOH .....  
 REC. HR METER 2116.0

### AIRFRAME LOG

At this time this aircraft was opened, cleaned, inspected and serviced for an annual inspection as per Beech. service manual. All flight controls were checked for proper travels and cable tensions. Lubricated the aircraft as required. The aircraft was jacked and the landing gear cleaned, greased and retraction rigging checked. Cleaned, inspected and greased all wheel bearings. Checked the electrical and lighting systems. Inspected the vacuum system. Cleaned fuel screens and inspected the fuel system. The following items were repaired during inspection: Replaced static wick, right aileron. Rewired landing gear system and also adjusted as required. All adjustments were checked. Resealed pilots master cylinders and replaced co-pilots. Removed 2-bladed McCauley propeller and installed 3-bladed McCauley in accordance with STC #SA1166GL. Replaced inop pitot heat switch. Replaced bad flap transmitter and rigged. Complied with AD 76-07-12 by inspection of mag switch. Installed reconditioned exchange fuel pump, left wing. Complied with Beech. SB 2190 by inspection and adjusting cabin door per SB. Adjusted elevator cable tensions per spec's. Adjusted rudder cable tension per spec's. Replaced instrument air filters. Installed Rosen sun visors per STC #3650NM. Removed and replaced all wing bolts and nuts. All were torqued per spec's Beech Service manual. All wing bolts are to be retorqued at 100 hrs. of operation from now. Installed new fuel placards on wings. Replaced right elevator bearing per races. Replaced right elevator bellcrank. Replaced worn ball ends on landing gear retract rods. Replaced worn ball ends on both rear elevator push pull rods.

(Performance 7/29/91 2218.5 hrs) - con't. next page -

JA AIR CENTER  
DuPage Airport / West Chicago, IL 60185

T.T. \_\_\_\_\_  
TSMOH \_\_\_\_\_  
REC. HR METER \_\_\_\_\_

### AIRFRAME LOG

Replaced brake hoses in both main wheel wells. Cleaned corrosion in battery box. Replaced rubber stop pads on flaps. Removed and replaced both flap actuators and drive shafts. Rerigged flaps as necessary. Installed Beech. fuel cap restrictor kit. Removed and replaced elt battery; new battery exp. date 8/92. Replaced pull and loose rivets in nose section skin. Replaced ball ends on aileron push pull rods aft end. Resealed left main landing gear and serviced. Resealed left brake hosing and installed new lining. Replaced worn nose wheel tire. Replaced frayed trim tab indicator cable and rigged. Replaced worn lower cabin door hinge. Replaced worn rod end on left elevator trim tab rod. Replaced EGT probe insulation. Replaced battery box air blast tube. Replaced EL panel inverter. Serviced shimmy dampener with fluid. Replaced broken latch on pilots side window. All AD's were checked through BW 90-21.

-----END-----

DATE 11-9-90 TACH 2116.0

TOTAL TIME 7526.0

I certify that this Airframe  
was Repaired and/or inspected in accordance with AN Annual inspection  
and is approved for return to service.  
Pertinent details are on file at this Repair  
Station under W.O. # 000 239

Gene R. Smith Inspector  
JOLIET AVIONICS, INC.  
WEST CHICAGO, IL 60185  
F.A.A. APPROVED REPAIR  
STATION # NF20029L



DATE 19 <u>91</u>	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-18-91	2142.0			VOR ACCURACY CHECK #1 VOR IS 2° HIGHER THAN #2 VOR W <sup>M</sup> 7. <u>Chin</u> ATR 1384222
1-18-91	2147.0			REPLACED NOSE TAXI LIGHT BULB W <sup>M</sup> 7. <u>Chin</u> ATR-1384222
2-1-91	2154.66			RE LAMPED ROTATING BEACON W <sup>M</sup> 7. <u>Chin</u> ATR-1384222
2-14-91				UPDATED NORTASTAR DATABASE AT JOLIES AVONIC
2-5-91	Tach Indicated 2179.71			Installed cooling air scoop for avionics stack. Randy R. Hemmer for Radio Ranch Inc. R.S. UQ2A 2236

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-21-91	2185	19 hr		<p>Replaced springs on main gear uplock assy. checked all landing gear adjustments and found to be within limits in Beech service manual. Gear retraction check performed. No problems found. Repaired hole in top skin on wing.</p> <p><b>MAINTENANCE RELEASE</b></p> <p>THE AIRCRAFT, AIRFRAME, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER</p> <p>WORK ORDER NUMBER <u>001249</u></p> <p>DATE <u>5-21-91</u> SIGNED <u>[Signature]</u></p> <p><b>JOLIET AVONICS INC.</b>        Dupage Airport        West Chicago, IL 60090        FAA Repair Station #F20002</p>
5-2-91	2185.49			<p>VOR ACCURACY CHECK DPA 140° RADIAL</p> <p>BOTH VOR'S AGREE WITHIN 3° WZ <u>[Signature]</u> ATR1384222</p>



DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
07-29-91	Tach reads 2218.5 hrs.			C/W AD 91-14-13 1/A/W SB 2360 by Beechcraft, spar web cracks at radius and hook bolts. No cracks found at this time. Retorqued wing mount bolts per Beechcraft 33 maintenance manual. (RE-INSPECT AT 2700 HRS)
MAINTENANCE RELEASE				
THE AIRCRAFT, AIRFRAME, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER				
MAINTENANCE RELEASE				
07-29-91 SIGNED <u>James Dickson</u> FOR				
JOLIT MONICS INC.				
Chicago Airport				
West Chicago, IL 60185				
FAA Repair Station N22002				
8-10-91	2222.83	(HANGAR) OIL	1067 ATR 138	15/50 & FILTER #CH48109 Clean Overhaul
9-3-91	2228.49	RE LAMPED	NOSE LANDING	LIGHT WITH GE 4313 BULB
WZ <u>Shin</u> ATR 1384222				

DATE  
19\_\_

RECORDING  
TACH  
TIME

TODAY  
FLIGHT

N 8552 R

RADIO RANCH, INC.



Radio Ranch Airport  
Polo, IL. 61064  
815-946-2371

FAA Approved R.S. 3763

ALTERATIONS  
(Indicate Number of  
Specific Entries.)

The ATC Transponder Test  
required by FAR 91.413 in  
Appendix F, have been performed.  
XPDR MODEL 47-76  
SIGNED Pond R. Hammer  
RADIO RANCH INC. R.S. #

SCALE CORRECTIONS			
Barometer	Altimeter	Hysteresis	Encoder
-1000	-20		0
0	-10		0
500	0		0
1000	10		0
1500	10		0
2000	10		0
3000	0		0
4000	0		0
6000	0		0
8000	-30	+15	0
10000	-30	+20	0
12000	-30		0

SCALE CORRECTIONS			
Barometer	Altimeter	Hysteresis	Encoder
14000	-10		0
16000	-10		0
18000	-60		-100
20000	-100		+100
22000	X Aero Scale		
25000			
30000			
35000			

Model 1014 20-01249C  
Serial No. 274050

ting  
ired by  
ra. (a), (b), & (c)

74050

0-21-91

POLO, IL

Static system tests as required  
FAR 91.411 in FAR 43, Appendix  
F, have been performed.  
SIGNED Pond R. Hammer  
RADIO RANCH INC. R.S. #

Date 10/21/91 Tested By Gene Z. Flock

face with STEC

autopilot. Recalculated weight & balance with all persons unknown  
removed and installed King NavCom system. Computed new weight & balance from  
available data. Pond R. Hammer for Radio Ranch Inc. R.S. # UQ2R223L  
W.O. # 2823.



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-21-91				The ATC Transponder Tests and Inspections as required by FAR 91.413 law FAR 43, Appendix F, have been performed.
				Altimeter system tests and altitude reporting equipment tests and inspections as required by FAR 91.411 law FAR 43, Appendix E, Para. (a), (b), & (c) have been performed.
				XPDR MODEL <u>42-76</u> SN <u>14039</u>
				ALTIMETER <u>Aerosonic</u> SN <u>274050</u>
				SIGNED <u>Ronald R. Hammer</u> DATE <u>10-21-91</u>
				TESTED TO <u>20,000</u> FT. DATE <u>10-21-91</u>
				SIGNED <u>Ronald R. Hammer</u>
				RADIO RANCH INC. R.S. #UQ2R223L POLO, IL
				RADIO RANCH, INC. R.S. #UQ2R223L POLO, IL
				Static system tests as required by FAR 91.411 law FAR 43, Appendix E, Para. (a), have been performed.
				SIGNED <u>Ronald R. Hammer</u> DATE <u>10-21-91</u>
				RADIO RANCH INC. R.S. #UQ2R223L POLO, IL
10-21-91 Tach Indicator 2256.8 HR. Rewired N-1/Loran interface with 5. autopilot. Recomputed Weight & Balance dated Nov. 12, 1990. Persons unknown removed and installed King NavCom system. Computed new weight + balance from available data. <u>Ronald R. Hammer</u> for Radio Ranch Inc. R.S. # UQ2R223 W.O. # 2823				

DATE 1971	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-6	2272.5			PERFORM 100 INSP PER <del>REPAIR</del> CHECKLIST + FAR 73-13.2A SERVICE SWIMMY DAMPNER - REPLACE 4 NUT PLATES UNDER RIGHT WING - REPLACE ALL THREE (3) INSTRUMENT FILTERS - EXT DUE AUG 92 G/LW AD 91-17-01 BY PAINTING PAINTING ELEVATOR TRIM ACTUATORS, SPAR, AND INSPECTIONS NONE. END —
				I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED <del>AND</del> IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION
				<i>George Hogen</i>
				ALP 351521289



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DATE 1977	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/7	2294.35			Install new landing light + replace Heated pitot with unheated unit with operational heater. Both lite + pitot heat test OK  George Hogan - M AHP 351521789



DATE 1982	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/17	23 1/2	TACH		Installed Shaolin Company Inc. Micro Flow digital fuel system with loan inter- face per the supplied instructions, under STC # SA4496L for the gearbox & STC # SE4436L for the engine. Operational test OK. Rearranged several instruments in the pilots panel per owners request. No interference in flight controls present.
DATE	W.O. #	FAA CERTIFIED REPAIR STATION #CGF8811C	LUMINAIR INC. AURORA, ILL.	
4/17/92				
TOTAL TIME	HOURS/TACH			
12 19 5	23 1/2			
				Gross weight - 3400
				Empty weight - 2245.98
				Useful load - 1154.02
				E W C G - 80.96

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		DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	
TYPE	<u>F33 <del>Bombardier</del></u>	JA AIR CENTER	T.T. _____
N#	<u>8552R</u>	DuPage Airport / West Chicago, IL 60185	
S/N	<u>6+26-92</u>	WO# <u>139364</u>	REC. HR METER <u>2421.97</u>
		<b>AIRFRAME LOG</b>	
		Avionics Log	

Installed updated software in the Northstar M-1  
SN N15766. Bench checked and some tested good

Melvin R. Wilson JA Air Center  
NF2R0296

TYPE F33 Bonanza  
N# 8552R  
S/N 6-2692

JA AIR CENTER  
DuPage Airport / West Chicago, IL 60185

T.T. \_\_\_\_\_  
REC. HR METER 2421.97

WO#139571

**AIRFRAME LOG**

Avionics Log

King KT 76 SN 14039

Changed the County oscillator, signed. All functions  
test good - Reinstalled in the aircraft and comp tested  
- all tests good. Michael T. Nelson

JA Air Center  
NFA2029L



DATE 1992	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1 July 92	2426	93 Hrs		Voltage regulator replaced; Functional check OK. by Geo Hogan AIP IA 351521789 <i>George Hogan</i>
10 July 92	2432.71	Hrs		"O" rings for Left + Right Gas caps replaced by LUMANAIR (KARR)
10 Aug 92	2471.40	Hrs		Nose tire changed by Geo Hogan AIP IA 351521789 <i>George Hogan</i>
3 Sept 92	2495.85	Hrs		Replaced ELT BATTERY (MER) dec Sept 1994 by Geo Hogan AIP IA 351521789 <i>George Hogan</i>



BFGoodrich Flight Systems, Inc.  
2001 Polaris Parkway  
Columbus, Ohio 43240-2001  
FAA Repair Station IM5R940M

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-17-92	Tach Indicates	2499.38 Hr.	Installed RF Goodrich wt-1065 stormscope system. See weight & balance and FAA 337 form this date. Work performed using FAR 43.13-1A Chap 5-11-13-15-16, AC 43.13-2A Chap 1-2-3-11, and the manufacturer's instructions as a guide.	The aircraft and / or component identified above was repaired / altered and inspected in accordance with current Federal Air Regulations. Only those components identified on the following Work Order are found airworthy for return to service. Pertinent details of the repair / alteration are on file at this agency under WORK ORDER NO. 4382 DATE 9-17-92
				SIGNED <u>Ronald R. Hammer</u> RADIO RANCH INC. R.S. #UQ2R223L POLO, IL
10 Oct 92	Tach Time	2519.59	Fixed broken wire to oil temperature gauge by Geo Hogan	



~~SERVICEABLE~~

Date AUG-19-92 Work Order No. 48669  
Customer RADIO RANCH  
Part No. 78-8051-9200-8  
Model No. WX-1000 ANTENNA  
Serial No. UXA11800705  
Technician R.D. RICHARDSON  
Inspector [Signature]

The aircraft component and/or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of this repair are on file at this repair station under the work order number.

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
LUMINAIR INC.		AVRORA, ILL		Replaced all brake linings
FAA CERTIFIED REPAIR STATION #CGFR811C				Repacked st. + rt. wheel cylinders
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED				Reversed rt. tire + replaced
IN ACCORDANCE WITH AN ANNUAL INSPECTION				rt. brake disc.
AND IS APPROVED FOR RETURN TO SERVICE.				Repacked all wheel bearings
David M. Hough				Serviced all strut
W.O. # 12633		HOBBS/TACH	2582	Replaced NLG Torque
DATE 1/5/93		TOTAL TIME	7992	link tow pin
				Installed new seal on heating control
				butterfly valve
				Replaced cowl flap actuating
				arm assy + gussets.
				Installed bracket air filter
		IAW	STC-SA71GL	
				Repaired broken landing wire
				on rt. flap.
				AD 92-08-07 eff 5/18/92 p/c/w by
		AD	91-14-13 on 7/29/81	

— END —





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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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-21-93	Tach	time	2708.3 HRS	Replaced Rt main tire. Replaced seals on Rt gas cap & adjusted & lubed. C/w AD 92-08-07 forward carry thru spar inspection & found no cracks. Next inspection due in 500 HRS. Returned to Service. Jim Tringfield A/P 353483286
9-8-93	Tach	time	2757.5 HRS	Serviced tires & brake reservoir. Replaced master brake with new unit. C/w Buck 5/B 5176 flap & gear selector handle modification in accordance with 5/B Returned to Service Jim Tringfield A/P 353483286



DATE TO	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-15-93				Tach time 2766.8 HRS. Replaced Taxi light bulb. <i>Jim Longfield</i> A/P 35348 3286
<p>The ATC Transponder Tests and Inspections as required by FAR 91.413 iaw FAR 43, Appendix F, have been performed.</p> <p>XPDR MODEL <u>KT76</u> S/N <u>14039</u></p> <p>SIGNED <u>Ron Hammer</u> DATE <u>9-10-93</u></p> <p>RADIO RANCH INC. R.S. #UQ2R223L POLO, IL</p>				
<p>Static system tests as required by FAR 91.411 iaw FAR 43, Appendix E, Para. (a), have been performed.</p> <p>SIGNED <u>Ron Hammer</u> DATE <u>9-10-93</u></p> <p>RADIO RANCH INC. R.S. #UQ2R223L POLO, IL</p>				

## Radio Ranch, Inc.

Polo, IL 61064

815 / 946-2371

FAA Repair Station

#UQ2R223L

SCALE CORRECTIONS		
Barometer	Altimeter	Encoder
-1000	-20	0
0	+5	0
500	+10	0
1000	+20	0
1500	+25	0
2000	+25	0
3000	+10	0
4000	+10	0
6000	0	0
8000	-25	0

SCALE CORRECTIONS		
Barometer	Altimeter	Encoder
10000	-35	0
12000	-35	0
14000	-25	0
16000	0	0
18000	-45	0
20000	-85	0
22000		
25000		
30000		
35000		

Enc. Alt. Acrosonic  
101420-012490

Enc. \_\_\_\_\_

Serial No. 22405C

Serial No. \_\_\_\_\_

Date 9-10-93 Insp Ron Hammer



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-20-93	Tach time 2806 HRS			Serviced tires Battery & Brake reservoir. Jim Tunefield Ap 353483286
2-20-94	Tach time 2862.5 HRS			Total time 8272.5 HRS Completed Annual Inspection in accordance with the Beech maintenance manual & found airworthy. Lubed controls, serviced Battery & Brake Reservoir. Greased all wheel bearings & gear fittings. Removed EGT for repair, reinstalled & calibrated. 1 P/N 46150 P/N 9029. Replaced 1 dome light & glued down assy. Replaced 1 reading light bulb. Replaced elevator tab bushings. Replaced all seat rollers. Replaced Copilots seat back actuating handle. Rebuilt Pilot & Copilot master cylinders & bled brakes. Painted emergency Window handle red. Cleaned & lubed control column rollers. Removed



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>emergency gear handle assy, recalled &amp; reinstalled. Replaced Rt wheel outboard race &amp; bearing. Replaced Rt Main forward "A" frame retaining pin screw &amp; tightened. Freed Up &amp; lubed outboard gear door rod ends &amp; <del>the</del> <sup>the</sup> nose gear retract rod bolts at spider &amp; "A" frame. Tightened jam nuts on inboard gear door rod ends. Uplock boots installed correctly. Tightened nose strut top cap bolts. Replaced nose gear retract rod shear pin. Replaced forward rod end on rear nose gear retract rod. <del>the</del> <sup>the</sup> out heating ducts &amp; installed front side panels correctly. Installed gear oil in landing gear retract box. Removed &amp; reinstalled flaps after repair. See yellow tags in back of book. Adjusted Rt uplock roller clearance. Replaced nose gear retract idler arm with used air-worthy unit. Installed new speaker &amp; secured.</p>



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Tightened mike &amp; phone jacks. Replaced Artificial Horizon post lite bulb. Tightened bottom door hinge screws. Serviced shimmy compensator &amp; reinstalled. Dred upholstery on Pilot &amp; Copilot seats. Tightened Pilot's arm rest post bolts. Adjusted elevator trim cable tension to specs. Adjusted Rt outboard gear door in up position. Adjusted uplock brackets correctly. Tightened nose gear center scissors bolts. Silenced upper fresh air ducts where necessary. Ran gear &amp; checked all tensions &amp; clearances. Ran emergency gear extension system. Washed aircraft.</p> <p>C/W AD 72-22-07 Uplock rollers Part C.</p> <p>C/W AD 76-07-12 Bendix switch by operation.</p> <p>AD 92-08-07 forward carry thru door insp due in 345.8 HRS AD 78-09-07<sup>R3</sup> Impulse Coupling due in 219.5 HRS AD 93-24-03</p>



RECORDING TACH TIME	OWA TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			Back rudder spar inspection due in 111 HRS
AD 93-03-02			Does not apply due to S/W.
Y/W 5/B 0546-359			Alternator bearing inspection
			Due again in 400 HRS AD 93-08-17 Teldyne
			Continental does not apply to S/W. Y/W 5/B
2460			Imp of flap cable retainers & cables &
			found previously Complied with.
			Date <u>2-20-94</u> T. (L) <u>2862 DR</u>
			I certify that this AC/ <del>100</del> has been in-
			spected in accordance with a <u>Annual</u>
			inspection and has been found airworthy.
			Sig. <u>Gina Finefield</u>
			Cert. # <u>FA 353483286</u>
			FINEFIELD AVIATION INC.
			LAKE IN THE HILLS, IL 60102



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-25-94				Tach time 2915.3 HRS. Adjusted mixture control gland nut. Replaced both main tires. Installed fuel strainer screen & housing plate assembly in accordance with the <u>Buck Mandatory Service Bulletin 2518</u> . Adjusted vacuum to specs. Run up & checked for leaks. Operation checked OK. Jim Linedfield AP 35348 B286
5-31-94				Tach time 2967.9 HRS. C/w AD 93-24-03 Rudder spar inspection & found it cracked between top rudder hinge nut plate rivets. Installed upper hinge. Spacecraft Machine Products Bracket in accordance with S.T.C. 5A 4899M. Serviced tires battery, & Brake reservoir. Serviced struts. See B37 this date for



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				rudder hinge bracket. AD 93-24-03 NO longer applies due to installation of Spacecraft Machine Products upper hinge bracket. Returned to Service. Jim Loughfield A/P 353483286.
7-5-94	Tach time 2986.2			hrs removed Dukes fuel pump P/N 4140-00-39 S/N 3659 & installed Dukes fuel pump 4140-00-39 P/N 2925 overhauled by Dukes. Dukes fuel pump S/B 0001 & 0002 Complied with along with Beech S/B 2526. Pressure checked & found pump to be satisfactory. Jim Loughfield A/P 353483286.



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1994	Sept 1		Tach reads 3022.5 Replaced ELT Battery
	Due Again		OCT 96 Replaced Rt Nav Light Bulb.
			Aired wheel checked Battery + Brake Fluid. OK.
			William Klumpp Jr ATP 320529813
10/24		3051.3	Replaced attitude gyro with Sigma Tel 5000B 52/T 40452J on WO 152908
			JOLIET AVIONICS INC.
			FAA REPAIR
			SIC: CLASS III
			Inspector

TYPE Beechcraft F33A  
N # 8552R  
S/N CE-533

**JA AIR CENTER**  
DuPage Airport / West Chicago, IL 60185  
Repair Station #NF2R029L

T.T. 8461.46  
REC. HR METER 3051.46

### AIRFRAME LOG

1. Troubleshoot the alternator system. Tested the alternator. Found the stator failing. Replaced the alternator with an Electrosystems unit P/N ALX9424 (supercedes ALX9405) S/N 4071456.

### MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

WORK ORDER NUMBER 005982

DATE 10/29/94 SIGNED *Dennis P. Roberts* FOR

**JOLIET AVIONICS INC.**

DuPage Airport  
Chicago, IL 60185  
Repair Station NF2R029L



[illegible]

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

## MANUFACTURER RELEASE CERTIFICATE

**Insight**

TYPE Beech F33

N # 8552R

S/N GE-533

D.O.T. Approval

No. 42 — 90

FORT ERIE, ONTARIO L2A 5M1

Product Name: GEM 610

Manufacturer: INSIGHT

Part No.: 610-001

Serial No.: 1054

Software Level: 112

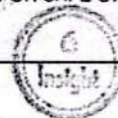
Mod.: B

- 1) Relocated the aircraft fuel additional hole and removed.
- 2) Installed a GEM 610 Graphical Document No. 930320 per P/N 2855 S/N 2614 and five installed in the LH center.
- 3) Relocated the vacuum gauge line extended hose assys.
- 4) Installed a customer-supplied harness, plug, & wiring diagram. Connected the flight timer to the landing gear circuit as per Davtron MB00 & MB11B wiring print. Ref. J.A. W.O. #155011.
- 5) Replaced the damaged RH instrument wood grain vinyl covering.

FOR D.O.T. USE

THE AERONAUTICAL PRODUCT DESCRIBED HEREON CONFORMS TO APPROVED TYPE DESIGN DATA AND IS IN A CONDITION FOR SAFE OPERATION.

AUTHORIZED INSPECTOR



941221

DATE

APPROVED FOR EXPORT

D.O.T. AIRWORTHINESS REPRESENTATIVE

DATE

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

WORK ORDER NUMBER

DATE 1-10-95 SIGNED 10622A

FOR

JOLIET AVIONICS INC.

DuPage Airport

West Chicago, IL 60185

FAA Repair Station NF2R029L



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND REPAIRS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER INFO.)
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TYPE Beech F33  
N # 8552R  
S/N CE-533

**JA AIR CENTER**  
DuPage Airport / West Chicago, IL 60185  
Repair Station #NF2R029L

T.T. 3489.30  
REC. HR. METER 3078.30

### AIRFRAME LOG

- 1) Relocated the aircraft fuel gauges from the center panel to the upper RH panel by adding an additional hole and removing the original EGT system.
- 2) Installed a GEM 610 Graphic Engine Monitor as per Insight Instrument Corp. Installation Manual Document No. 930320 pages 1 thru 22 rev. 1.02 dated Sept. 1, 1993. One CHT adapter on P/N 2855 S/N 2614 and five TAS100T-J combination probes were installed. The indicator was installed in the LH center panel opening. GEM 610, S/N 1054.
- 3) Relocated the vacuum gauge from the LH panel to the center panel and RH opening after installing extended hose assys.
- 4) Installed a customer-supplied Davtron 877 clock/flight timer S/N 06095 after ordering the required harness, plug, & wiring diagram. Connected the flight timer to the landing gear circuit as per Davtron MB00 & MB11B wiring print. Ref. J.A. W.O. #155011.
- 5) Replaced the damaged RH instrument wood grain vinyl covering.

**MAINTENANCE RELEASE**  
THE AIRCRAFT, AIRFRAME, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED  
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS  
THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE  
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

WORK ORDER NUMBER 1-10-75

DATE 1-10-75 SIGNED 006224

**JOLIET AVIONICS INC.**

DuPage Airport  
West Chicago, IL 60185  
FAA Repair Station NF2R029L



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-17-95	Tach time 3080 HRS		TOTAL TIME 8490 HRS	Completed Annual Inspection in accordance with the Beech maintenance manual & found airworthy. Lubed controls serviced battery, brake reservoir, & tires. Greased all wheel bearings & gear fittings. Greed & lubed flap limit (switch rollers). Replaced Rt elevator trim actuator rod end. Cleaned fuel strainer. Cleaned control column <del>rod</del> rollers & lubed. Repaired instrument light connections where necessary. Replaced left flap ground strap. Replaced left flap bumper & rigged. Retaped aileron gap seals with teflon tape. Replaced left aileron idle hinge support front rivet. Tightened elevator <del>rod</del> stabilizer & vertical stabilizer spar bolts. Replaced 1 broken static wick. Tightened Right inboard



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				gear door retract rod bolt at gear door. (Patched) nose gear tunnel where cracked. Rebushed nose gear tunnel upper skin. Tightened cowl flap bolts. Removed *Teledyne Continental IO 520 BA + installed Rebuilt Teledyne Continental IO 550-B S/N 296585 R in accordance with S.T.C.S. #22005W See 337 this date. Replaced bleed air duct at heater box. Replaced all aileron screws. Replaced fuel selector handle pin. Replaced battery for DAUTRON Clock. Replaced ring in Dukes fuel pump fitting + tightened. Washed A/C. G/W AD 76-22-01 Uplock roller part C. G/W AD 76-07-12 Bendix Switch by operation. Both due in 100 HRS AD 72-08-07 forward carry thru spar insp due in 012803 HRS AD 78-09-07 <sup>2</sup> Impulse couplings due in 500 HRS 5/B 0546-359



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
19 <u>95</u>				
				Alternator bearing inspection due in 400 hrs.
				Reinstalled McCauley Props after Overhaul
				Model 3A32C406C S/N G01664. Weighed
				Aircraft see new Weight & Balance.
				Beech E/B 2598 Rev 1 does not apply to ELT.
				N.W.E.W. 2358
				N.W.E.W.C.G. 81.046
				N.W.MOMENT. 191187.8
				A/C GROSS WT. 3400.
				A/C USEFUL LOAD 1042.
				Date <u>2-17-95</u> LT. (L) <u>3080</u> (R)
				I certify that this AC/Eng. has been inspected in accordance with a <u>Cannal</u> inspection and has been found airworthy.
				Sig. <u>[Signature]</u>
				Cert. # <u>#A353483286</u>
				FINEFIELD AVIATION INC. LAKE IN THE HILLS, IL 60102



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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INSPECTION—MAINTENANCE—REPAIRS—ALTERATIONS

TYPE F33A  
 REG. 52R  
 S/N CE 533  
 HOBBS \_\_\_\_\_

**FINEFIELD AVIATION**

Lake In The Hills Airport  
 8407 Pyott Road  
 Lake In The Hills, IL 60102  
 F.A.A. APPROVED REPAIR STATION C03-40  
 AIRFRAME LOG BOOK INSERT

DATE 5-3-95  
 W.O. # 72336  
 T.T. 8555.5  
 TACH 3145.5

Replaced voltage Regulator with  
 new Unit P/N 35-380093-3. Ran up & checked  
 operation. Charged at exactly 14.0 volts.

*Jim Finefield*  
 A/P 353483286.

DATE 1925	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
15 MAY 95				AD 95-09-08 N/A due to AIRCRAFT having 3 Blades
6-18-95				Tach reads 3179.68 hrs. Mixture control slipping in clamp Rerigged control & tightened clamps. C/W AD 72-22-01 Part C uplock rollers. C/W AD 76-07-12 Bendix switch by operation ok C/W AD 95-04-03 forward carry through spar Intw SB 2360. found cracks in both forward sides of web - L & R sides. Due again in 200 hrs. Both rear webs Due in 500 hrs. <i>William R. Kump</i> ATP 320528013
10/4/95				Overhauled S-Tec Rate gyro 52/1412C on W0158283
				JOLIET AVIONICS, INC. FAA REPAIR STATION #NF2R029L CLASS III SIGNATURE <i>[Signature]</i> Inspector



DATE 79	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Joliet Avionics  
DuPage Airport  
West Chicago, IL 60185

Date: 9/8/95  
N#: 8552R  
WO#: 157949

Tested Altimeter(s), Altitude Reporting and Static System(s) in  
accordance with Part 43 Appendix "B" for "..."

**J.A., INC.**  
**JOLIET AVIONICS, INC.**  
**FAA Repair Station NF2RO29L**

### ALTIMETER CALIBRATION

MANUFACTURE Acme Sonic MODEL 101420 SIN 274050

SCALE ERROR		FRICTION		HYSTERESS	
ALT	ERROR	ALT	DIFF		
1000	-20	1000	40		
0	-10	2000	50	50%	10
500	0	3000	60		
1000	0	5000	60	40%	20
1500	0	10000	60		
2000	+10	15000	90	AFTER EFFECT	0
<del>5000</del>	0	20000	100		
4000	0	25000		CASE LEAK	0

DATE 19 95	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10 Nov	95			MANDATORY Service Bulletin 2526 Rev II complied with by replacement pump # 4140-00-39 NV on 5 July 94
27 Nov	95			AD 95-21-15 Does not Apply by engine model or by registration number
12-4-95	Tach reads	3282.66 hrs.		Checked + serviced Battery, Aired tires, Aired all struts with Nitrogen, lubed both Elevator trim tab bolt pivots. Replaced all rear seat rollers. C/W AD 72-22-01 uplock Roller part C. C/W AD 76-07-12 Bendix switch by operation o.k. <i>William H. Hunsman Jr.</i> A/P 32052981/3
1-13-96	Tach time	3286.		Replaced left & Rt Main tank fuel drain seals. Replaced left stroke power supply with repaired unit. <i>Jim Lindfield</i> A/P 32052981/3



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-22-96			Tach time 3290 HRS TOTAL TIME 8700 HRS	Completed Annual Trops in accordance with the Beech maintenance manual & found airworthy. Lubed controls, serviced battery & brake reservoir. Greased all wheel bearings & gear fittings. Tested ELT in accordance with F.A.R. 91.207(D) <u>ELT battery due Oct 96.</u> Replaced gas cap o-rings. Replaced Pt fuel gauge P.C. Board & calibrated at full. Serviced landing gear box fluid. Adjusted down handcrank clearance. Replaced all o-rings in shimmy damper & serviced. Removed elevators & sent for strips & repaint. Checked balance & reinstalled & checked operation. Replaced nose tire. Cleaned fuel strainer. Replaced front steering damper rod end. Replaced forward nose gear retract rod end at "A" frame. Replaced all o-rings in nose



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>strut, serviced &amp; reinstalled. Replaced left flap bumper. Replaced Rt outboard aileron Distal disk. Tightened Rt inboard gear door retract rod end bolt &amp; Safford. Tightened terminal block to shelf above pilots seat. Washed A/C. C/W AD 76-22-01 block rollers Part C. Due again in 100 HRS. C/W AD 76-07-12 Bendix Switch by operation. Due again in 100 HRS. C/W AD 95-04-03 Forward carry thru spar insp &amp; found 2 cracks in left side #1 on Rt side at forward side of spar. Installed front side reinforcing kit C/W 36-14004-55 S/W 226 on left &amp; Rt sides. Forward side due left &amp; Rt sides again in 1500 HRS. Rear left &amp; Rt sides of spar due again in 500 HRS. AD's 95-09-08 &amp; 95-24-05 McCauley Propeller does not apply to Model Propeller. AD 95-03-02 Bracket air filter does not apply to Model</p>





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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-11-96	TACH	Time	3298.74 hrs.	Performed Avionics Maintenance. Installed new yoke coil cord. Repaired KING KN65 AWE. Installed updated database for Northstar M1 horizon. See W.O.s 161099, 161203 and 161086 on file at J. A. Air Center.
				JOLIET AVIONICS, INC. FAA REPAIR STATION #F2029L CLASS III
				SIGNATURE <i>[Signature]</i> Inspector
3 Apr 96	TACH	Time	3308.00 hrs	Repaired leading edge of wings. PAINTED



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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INSPECTION—MAINTENANCE—REPAIRS—ALTERATIONS

TYPE Beech F33A  
 REG. N8552R  
 S/N CE 533  
 HOBBS \_\_\_\_\_

**FINEFIELD AVIATION**

Lake In The Hills Airport  
 8407 Pyott Road  
 Lake In The Hills, IL 60102  
 F.A.A. APPROVED REPAIR STATION C03-40  
 AIRFRAME LOG BOOK INSERT

DATE 4-16-96  
 W.O. # 72953  
 T.T. \_\_\_\_\_  
 TACH 3316.1 hrs.

Replaced vacuum pump adapter seal. Reinstalled  
 adapter with new gasket. Washed down engine  
 Ran-up & checked for leaks none found.

*William J. Kline*  
 AIP 320529813

Boech F33A  
N8552R

J.A. Air Center  
DuPage Airport  
West Chicago, IL. 60185

W.O. #161777  
Tach: 3334.08

Removed defective King Model KT-76 Transponder S/N 14039.  
Installed King Model KT-76A Transponder S/N 106299 interconnected to Aerosonic Model 101420 Encoding Altimeter S/N 274050.  
System tested as required. Weight change negligible. See above listed Work Order and FAA Form 337 this date.

MODEL ~~KT-76~~ S/N ~~14039~~  
TRANSPONDER TESTED IN ACCORDANCE WITH  
PART 43  
APPENDIX F FOR COMPLIANCE WITH FAR 91.413  
INSIDE

JOLIET AVIONICS, INC.

FAA REPAIR STATION #NF2R029L CLASS III

AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED  
AND INSPECTED AS REQUIRED BY FAR 91.217 IN ACCORDANCE  
WITH FAR 43, APPENDIX "E", PARAGRAPH (6).

JOLIET AVIONICS, INC.

FAA REPAIR STATION #NF2R029L CLASS III

SIGNATURE


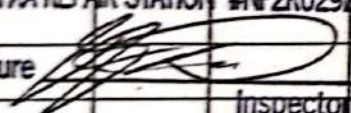
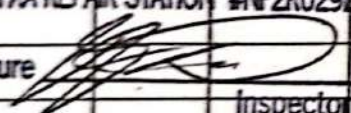
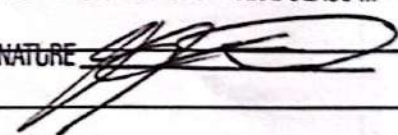
STATIC SYSTEM TESTED THIS DATE 4/10/96 AS REQUIRED  
BY FAR 91.411 IN ACCORDANCE WITH FAR 43, APPENDIX "E"  
PARAGRAPH (a).

JOLIET AVIONICS, INC.

FAA REPAIR STATION #NF2R029L CLASS III

SIGNATURE



DATE	RECORDING TACH TIME	ENTRIES, MULTI MECHANIC OR	W.O. #	OF (S.)
19 <u>96</u>		Beech F33A N8552R	J.A. Air Center DuPage Airport West Chicago, IL. 60185	W.O. #161777 Tach: 3334.08
<u>4/30</u>	<u>3334.08</u>	<p>Removed defective King Model KT-76 Transponder S/N 14039.            Installed King Model KT-76A Transponder S/N 106299 intercon-            nected to Aerosonic Model 101420 Encoding Altimeter S/N 274050.            System tested as required. Weight change negligible. See            above listed Work Order and FAA Form 337 this date.</p>		
DATE <u>4/30/96</u> MODEL <u>KT-76A</u> S/N <u>106299</u>		AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED AND INSPECTED AS REQUIRED BY FAR 91.217 IN ACCORDANCE WITH FAR 43, APPENDIX "E", PARAGRAPH (C).		
TRANSPONDER TESTED IN ACCORDANCE WITH PART 43.		JOLIET AVIONICS, INC. FAA REPAIR STATION #NF2R029L CLASS III		
APPENDIX "F" FOR COMPLIANCE WITH FAR 91.413 THIS DATE		SIGNATURE 		
JOLIET AVIONICS, INC. FAA REPAIR STATION #NF2R029L CLASS III		Inspector 		
Signature 		STATIC SYSTEM TESTED THIS DATE <u>4/30/96</u> AS REQUIRED BY FAR 91.411 IN ACCORDANCE WITH FAR 43, APPENDIX "E" PARAGRAPH (a).		
		JOLIET AVIONICS, INC. FAA REPAIR STATION #NF2R029L CLASS III		
		SIGNATURE 		

DATE 19 <u>96</u>	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/1	333428			Replaced Right MAIN TIRE 7.000 x 6 + tube. Jim Lindfield P/P 353483286
10-16-96	Tach time 3385.1 HRS			Replaced Left Main tire. Serviced battery & Brake reservoir & tires. Rechecked fittings in left Capilot master cyl. C/W AD 62-22- Uplock rollers Part C. Due again in 100 hrs C/W AD 76-07-12 Bendix Switch by operation. Due again in 100 Hrs. C/W Brech Mandatory 15/3 269.3 by insp Jim Lindfield P/P 353483286

10-16-96 Tack time 3385.1 Hrs Replaced left  
Main tire. Serviced battery & brake  
reservoir & tires. Reassembled fittings in  
left Capilot master cyl. (W) AD 62-22-  
Uplock rollers Part C. Due again in  
100 hrs (W) AD 76-07-12 Bendix Switch  
by operation. Due again in 100 Hrs.  
(W) Buck Mandatory 15/3 269.3 by insp  
Jim Thaddeus  
353483286





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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Beech F-33A · J.A. Air Center W.O. #162574  N8552R DuPage Airport T.T.: 3448.1  West Chicago, IL. 60185</p> <p>Replaced bent pitot tube. Tested airspeed calibration and leak  tested. See above listed Work Order this date.</p>
				<p align="center"><b>MAINTENANCE RELEASE</b></p> <p>THE AIRCRAFT, AIRFRAME, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS  REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF  THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE.  PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER</p> <p>WORK ORDER NUMBER <u>162574</u></p> <p>DATE <u>8-8-76</u> SIGNED <u>[Signature]</u> FOR</p> <p align="center"><b>JOLIET AVIONICS INC.</b>  Dupage Airport  West Chicago, IL 60185  FAA Repair Station NF2R029L</p>









DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND WORK DONE

Elliott Flying Service, Inc.

1001 Hennepin Avenue, Minneapolis, MN 55403

Phone: 825-5844

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the Regulations of the Federal Aviation Administration and approved for return to service. Repairs were made by the following:

Work Order No. 45200

Signed [Signature]

Authorized Representative  
ELLIOTT FLYING SERVICE, INC.  
3001 Hennepin Avenue  
Minneapolis, MN 55403

Date 5/15/94  
By 65-5844-50

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-3-97	Tach time	3531.5 HRS	Total time	8941.5 HRS
<p>Completed Annual Insp in accordance with the Beech maintenance manual &amp; found airworthy. Lubed controls, serviced Battery, brake reservoirs &amp; tires. Greased all wheel bearings &amp; gear fittings. Tested FLT in accordance with F.A.R. 91.207(d) FLT Battery due Oct 1998. Cleaned fuel strainer. Serviced gearbox fluid. Reassembled left &amp; right brake calipers &amp; bled brakes. Replaced all brake linkages. Replaced left &amp; right uplock brackets with used serviceable units. Replaced instrument filters. Tightened right nose gear door rod ends. Replaced rear cabin inlet air hose. Unplugged flush fuel vents. Replaced gas cap springs. Welded drain tube in fuel drain door. Replaced Pilot seat recline lever. Reassembled Pilot &amp; Copilot</p>				



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				master cyls & bled brake. Rebrushed nose gear door hinges left & right side. Replaced left flap stop & ground strap on right flap. Adjusted left & right uplock roller clearances. Replaced grease fitting in steering yoke bolt. Adjusted cabin door stop. Washed a/c. Ran up & checked all systems operated normal. C/W AD 72-22-01 Uplock rollers Part C. Due again in 100 HRS. C/W AD 76-07-12 Bendix Switch by operation. Due again in 100 HRS. AD 95-04-03 Forward carry thru spar insp due in 1258.5 HRS for forward side & in rear side due in 258.5 HRS. AD 96-09-06 Bracket air filter does not apply to Model filter Assy. Installed new Aircraft Battery UG-35 5/AT 601679667.



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Date: <u>3-3-97</u>		LT. (L) <u>3315</u> (R) <u>---</u>		
I certify that this AC/Eng. has been in- spected in accordance with a <u>Annual</u> inspection and has been found airworthy.				
Sig. <u>[Signature]</u>				
Cert. # <u>353483286</u>				
FINEFIELD AVIATION INC. LAKE IN THE LAKE IL 60402				
9-22-97 Tach time 3627 HRS. Service Taxes, Battery, & Brake reservoir. 9/1 AD				
97-14-15 Raytheon Aircraft Insps of cabin door handles & found satisfactory. AD				
97-16-10 Rapco filter Does not apply due to filter not being installed. <u>[Signature]</u> A/P 353483286				



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-4-98				Tach time 3658.7 HRS TOTAL TIME 9068.7 HRS Completed Annual Insp. I.A.W the Beech maintenance Manual & found airworthy. Lubed Controls, serviced battery, tips & brake reservoir. Greased all wheel bearings & gear fittings. Tested ELT I.A.W F.A.R. 91.207 (d) ELT. Tightened engine control knobs shimmed nose gear steering idler arm. Tightened cabin step screws. Adjusted nose gear up tension & left main uplock roller clearance. Tightened Mike jack. Ran gear & checked all tensions & clearances. Washed A/G. C/W AD 72-22-01 uplock rollers Part C. Due again in 100 HRS. C/W AD 76-07-12 Bendix Switch by operation. Due again in 100 HRS. AD 95-04-03 Forward Carry thru spar insp Due in 1131.3 HRS for forward



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
side 4	131.3	hrs on Rear side.	C/W A/D	
97-14	-15	Raptheon A/C Insp of cabin		
door handle operation & found satisfactory.				
Check altimeter system and altitude reporting equipment as required by FAR 91.411 law FAR 43, Appendix E have been performed.				Date <u>3-4-98</u> I.T. (L) <u>36</u> (R) <u>27</u>
Part (a) Static System <u>3-4-98</u> Date				I certify that this AC/Eng. has been in- spected in accordance with a <u>Annual</u> inspection and has been found airworthy.
Part (b) Altimeter(s)				Sig. <u>Jim Linefield</u>
Model <u>Aerospace</u> C/P's _____ Alt _____				Cert. # <u>1/A 35348-3286</u>
S/N <u>274050</u> S/N _____				FINEFIELD AVIATION INC.
Set to <u>20,000</u> Feet				LAKE IN THE HILLS, IL 60102
Date <u>3-4-98</u>				
Part (c) Integrated System Test <u>3-4-98</u> Date				
Signature <u>Jim Linefield</u> W/O No. <u>73732</u>				
FINEFIELD AVIATION, INC.				
Repair Station FP5R85M				
Lake In The Hills, IL 60102				
815 - 459-4883				
ATC Transponder Tests and Inspection as required by FAR 91.413 law FAR 43, Appendix "F", have been performed:				
<u>3-4-98</u> <u>Jim Linefield</u> (date and signature)				
FINEFIELD AVIATION INC.				
Repair Station FP5R860M				
Lake In The Hills, IL 60102				
King RT76A				
S/N 106299				

Serial # <u>274050</u>			
Altimeter	Error	Altimeter	Error
Reads		Reads	
0	0	14,000	-50
500	0	16,000	-50
1,000	0	18,000	-100
1,500	0	20,000	-130
2,000	-10	22,000	
3,000	-10	25,000	
4,000	-20	30,000	
6,000	-30	35,000	
8,000	-60	40,000	
10,000	-70	45,000	
12,000	-80	50,000	
HY 30X	-70	HY 40X	-60
After Effect -10			



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-2-98	Tach time 3679.2	ARS	Replaced Left & Rt Main tires. Returned to Service.	Jim Finfield A/P 35348 3286
7-15-98	Tach time 3702.3	ARS	Replaced Left & Rt Main tires. Returned to Service.	Jim Finfield A/P 35348 3286
5-10-99	Tach time 3752.6	ARS	TOTAL TIME 9162.6 ARS Completed Annual Insp. I.A.W the Boac maintenance Manual & found air - worthy. Lubed controls, serviced battery tires, & brake reservoir. Greased all wheel bearings & gear fittings. Replaced ELT battery & tested I.A.W F.A.R. 91.207(d). ELT battery	



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due June 2001.				Replaced gas cap o-rings. Replaced gas cap o-rings. Adjusted uplock roller clearances Lt & Rt sides to specs. Replaced nose wheel ball left side. Rechecked Lt & Rt brake wheel cyl's & bled brakes. Repaired Pilot & Copilot seat back adjustment & reinstalled seats. Resecured Mike holder. Replaced nose tire. Resecured headline at door. Washed A/C. Ran up & checked all systems operated normal. C/W AK 75-12-01 Uplock rollers Part C. Due again in 100 HRS. C/W AD 76-07-12 Bandy Switch by operation. Due again in 100 HRS. C/W AD 95-04-03 Forward carry thru spar insp on rear side. Due again in 500 HRS. Front side due in 1037.4 HRS. C/W AD 97-14-15 Raytheon A/C Insp of cabin door handle operation



Scanned with CamScanner





ALT TEST DATA PER FAR 91.411 law FAR 43, APP. E  
AVIONICS PLACER-REPAIR STATION NO. PQ5R866M

CUSTOMER NAME: <u>Steve Arbizzani</u>									
N NO: <u>N8522R</u>				DATE: <u>11-4-99</u>					
W.O. NO: <u>3821</u>				INSR BY: <u>[Signature]</u>					
ALT S/N: <u>403334</u>				MODEL: <u>5934P-3</u>					

TABLE I			TABLE II						
ALT	TOL	IND	TRST			TOL		IND	
-1000	20	+10	CASE LEAK			100		20	
0	20	+10	HYSTERISIS						
500	20	+10	1ST TEST 50%			75		30	
1000	20	+10	2ND TEST 40%			75		30	
1500	25	+10	AFTER EFFECT			30		10	
2000	30	+10							
3000	30	0	TABLE III FRICTION			TABLE IV BARO SCALE			
4000	35	0	ALT TOLIND			HG	ALT	DIF	TOL
6000	40	-10	1000	70	20	28.10	-1727	+10	25
8000	60	-15	2000	70	20	28.50	-1340	+5	
10000	80	-30	3000	70	20	29.00	-863	+5	
12000	90	-40	5000	70	20	29.50	-392	+10	
14000	100	-40	10000	80	10	29.92	0	0	
16000	110	-50	15000	90	20	30.50	531	-5	
18000	120	-60	20000	100	20	30.90	893	+5	
20000	130	-80	25000	120	/	30.99	974	+5	
22000	140	/	30000	140	/	NEXT IFR CERTIFICATION DUE BY: <u>11, 4, 01</u>			
25000	155	/	35000	160	/				
30000	180	/	40000	180	/				
35000	205	/	50000	250	/				
		/			/				



[illegible]

Jim Langfield  
#P353483286



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-7-00			Task time 3874.4 HRS. TSMOH 794.4 HRS	Completed Annual Insp. I.A.W. the Buck maintenance Manual & found serviceable. Lubed controls, serviced battery tires & brake reservoir. Greased all wheel bearings & gear fittings. Tested ELT I.A.W. F.A.R. 91207(5). ELT battery due for replacement. (June 2001). Replaced fuel cap o-rings. Replaced Rt Brake caliper & bled brake. Replaced all brake discs & linings. Replaced 2 static wicks. Replaced 2 nutplates for wing inspection plates. Adjusted left Main uplock roller clearance. Serviced shimmy compensator. Washed A/C. Ran up & checked all systems operated normal. C/W AD 72-22-01 uplock rollers Part C. Due again in 100 HRS. C/W AD 76-07-12 Bendix Switch



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				an operation Due again in 100 Hrs. AD
	95-04-03			Forward Carry thru Spar
				Inspection due rear side in 378.2 Hrs
				* front due in 915.6 Hrs YW AD 97-14-15
				Raytheon A/C Insp of cabin door handle
				operation. Due again at next handle
				removal
				Date <u>6-7-00</u> I.T. (L) <u>38714</u> (R) <u>    </u>
				I certify that this AC/Eng. has been in-
				spected in accordance with a <u>Annual</u>
				inspection and has been found airworthy.
				Sig. <u>Jim Finefield</u>
				Cert. # <u>FA 3534813286</u>
				FINEFIELD AVIATION INC.
				LAKE IN THE HILLS, IL 60102

Date 6-1-00 I.T. (L) 38746 (R) —

I certify that this AC/Eng. has been inspected in accordance with a Annual inspection and has been found airworthy.

Sig. Jim Luepelt

Cert. # 1-E/A 3534(8)3286

**FINEFIELD AVIATION INC.**  
**LAKE IN THE HILLS, IL 60102**



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-9-01	Tach time 3922.1 HRS			Serviced tires, battery, & brake reservoir. Replaced flap switch P/N 8857-K40 & checked operation. Jim Finefield P/P 353483286.
6-15-01	Tach time 3968.5 HRS			TOTAL TIME 9378.5 HRS. Completed Annual Tinsp I.A.W. the Beech maintenance manual & found airworthy. Lubed controls, serviced tires battery & brake reservoir. Greased all wheel bearings & gear fittings. Replaced ELT battery & tested (F.A.U. F.A.R. 91.207(d) ELT battery due for replacement July 2003. Replaced 1 elevator static wick. Cleaned fuel strainer. Replaced 1 bearing & race in nose wheel. Tightened Rt fuel cap



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				<p>+ Tapped Shimmed cabin door inside handle to work only when button is pushed. Tapped fuel selector handle pin. Replaced gear light dimming relay + checked operation. Relubricated nuts on gear box pedestal. Replaced ELT mounting bracket. Removed left fuel cell &amp; cleaned &amp; retaped fuel cell area. Reinstalled overhauled Univac fuel cell P/N 35-380135-11 S/N W-3528 &amp; checked for leaks. Washed A/C. Ran up &amp; checked all systems operated normal. C/W AD 72-22-01 Unblock roller Part C. Due again in 100 HRS. C/W AD 76-07-02 Bendix Switch by operation. Due again in 100 HRS. AD 95-04-03 Forward carry thru spar insp due rear side in</p>







CUSTOMER NAME: <b>STEVE ARBIZZANI</b>									
N NO: <b>N8552R</b>					DATE: <b>1-3-02</b>				
W.O. NO.:					INSP. BY: <b>SH</b>				
ALT S/N: <b>403334</b>					MODEL: <b>5934P-3</b>				

TABLE I			TABLE II																																																																																																																																						
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2000	30	-10	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">TABLE III FRICTION</th> <th colspan="4">TABLE IV BARO SCALE</th> </tr> <tr> <th>ALT</th> <th>TOL</th> <th>IND</th> <th>HG</th> <th>ALT</th> <th>DIF</th> <th>TOL</th> </tr> </thead> <tbody> <tr> <td>4000</td> <td>35</td> <td>-10</td> <td>1000</td> <td>70</td> <td>20</td> <td>28.10</td> <td>-1727</td> <td>+3</td> <td>25</td> </tr> <tr> <td>6000</td> <td>40</td> <td>-10</td> <td>2000</td> <td>70</td> <td>30</td> <td>28.50</td> <td>-1340</td> <td>0</td> <td></td> </tr> <tr> <td>8000</td> <td>60</td> <td>-30</td> <td>3000</td> <td>70</td> <td>20</td> <td>29.00</td> <td>-863</td> <td>+3</td> <td></td> </tr> <tr> <td>10000</td> <td>80</td> <td>-40</td> <td>5000</td> <td>70</td> <td>30</td> <td>29.50</td> <td>-392</td> <td>+8</td> <td></td> </tr> <tr> <td>12000</td> <td>90</td> <td>-40</td> <td>10000</td> <td>80</td> <td>40</td> <td>29.92</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>14000</td> <td>100</td> <td>-60</td> <td>15000</td> <td>90</td> <td>40</td> <td>30.50</td> <td>531</td> <td>-1</td> <td></td> </tr> <tr> <td>16000</td> <td>110</td> <td>-50</td> <td>20000</td> <td>100</td> <td>50</td> <td>30.90</td> <td>893</td> <td>+7</td> <td></td> </tr> <tr> <td>18000</td> <td>120</td> <td>-60</td> <td>25000</td> <td>120</td> <td>///</td> <td>30.99</td> <td>974</td> <td>+6</td> <td></td> </tr> <tr> <td>20000</td> <td>130</td> <td>-60</td> <td>30000</td> <td>140</td> <td>///</td> <td colspan="4" rowspan="5"> <div style="text-align: center;"> <p>NEXT IFR CERTIFICATION DUE BY:</p> <p><u>1.31.04</u></p> </div> </td> </tr> <tr> <td>22000</td> <td>140</td> <td>///</td> <td>35000</td> <td>160</td> <td>///</td> </tr> <tr> <td>25000</td> <td>155</td> <td>///</td> <td>40000</td> <td>180</td> <td>///</td> </tr> <tr> <td>30000</td> <td>180</td> <td>///</td> <td>50000</td> <td>250</td> <td>///</td> </tr> <tr> <td>35000</td> <td>205</td> <td>///</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							TABLE III FRICTION			TABLE IV BARO SCALE				ALT	TOL	IND	HG	ALT	DIF	TOL	4000	35	-10	1000	70	20	28.10	-1727	+3	25	6000	40	-10	2000	70	30	28.50	-1340	0		8000	60	-30	3000	70	20	29.00	-863	+3		10000	80	-40	5000	70	30	29.50	-392	+8		12000	90	-40	10000	80	40	29.92	0			14000	100	-60	15000	90	40	30.50	531	-1		16000	110	-50	20000	100	50	30.90	893	+7		18000	120	-60	25000	120	///	30.99	974	+6		20000	130	-60	30000	140	///	<div style="text-align: center;"> <p>NEXT IFR CERTIFICATION DUE BY:</p> <p><u>1.31.04</u></p> </div>				22000	140	///	35000	160	///	25000	155	///	40000	180	///	30000	180	///	50000	250	///	35000	205	///			
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DATE	RECORDING TACH TIME
19__	

THE FOLLOWING  
REPORTING EQUIP  
REQUIRED BY FAR  
HAVE BEEN PERF  
AVIONICS PLACE F  
PARA (A) STATIC S  
DATE 1-3-0  
PARA (B) ALTIMETE  
PILOTS 5934P.  
C.P.'s  
TESTED TO  
PAR

NS	NUMBER OF COUNTRIES.)
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
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95	100
96	100
97	100
98	100
99	100
100	100



19. TACH TIME TODAY'S FLIGHT TIME IN SERVICE ENTRIES MUST BE ENDORSED WITH NAME, MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHERS)

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411 iaw FAR 43 APPENDIX "E" HAVE BEEN PERFORMED.

AVIONICS PLACE FQ5R866M ROCKFORD IL

PARA (A) STATIC SYSTEM

DATE 1-3-02

PARA (B) ALTIMETER

PILOTS 5934P-3

S/N 403334

C.P.'s                      S/N                     

TESTED TO 20K FT. DATE 1-3-02

PARA (C) INTEGRATED SYSTEM TEST

DATE 1-3-02 W.O. # 5812

SIGNED BY David Wright

ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.413 iaw FAR 43 APPENDIX "F" HAVE BEEN PERFORMED:

DATE 1-3-02

AVIONICS PLACE FQ5R866M ROCKFORD IL

MODEL KT-76A S/N 106294

SIGNED BY David Wright

Removed TC 6405-14L s/n 1412C.  
Installed new TC 6405-14L s/n 12262G. No Wt. change.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS <sup>installed</sup> ~~REPAIRED~~ AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W.O. 5812 DATE 1-3-02

RELEASED BY David Wright

AVIONICS PLACE

FAA APPROVED REPAIR STATION FQ5R866M

[illegible]



DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19				

## FINEFIELD AVIATION

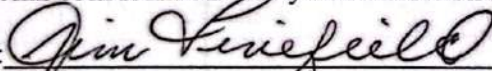
### AIRFRAME LOG

DATE: 9-1-03

A/C N#	MAKE	MODEL	A/C S/N	TR	TTAF
N8552R	Beech	F33A	CE-533	4129.42	9539.4

Completed annual inspection in accordance with the Beech maintenance manual and found airworthy. Serviced brake reservoir and battery. Replaced instrument inlet and inline filter. Tested ELT I.A.W. FAR 91.207(d). Installed new battery. Due for replacement Sept. 2005. Performed light operational check. Removed and disassembled both fuel caps. Installed new o-rings, lubricated and reassembled. Cleaned fuel sump screen and safetied. Installed new vent window seal. Cleaned and greased wheel bearings. Removed right brake caliper, disassembled and cleaned. Installed new o-ring seals and reinstalled, and bled brakes. Serviced all landing gear fittings with Aeroshell #5 grease. Checked vacuum pump output at post run up. Increased pressure at regulator. Increased friction adjustment on mixture and prop control. Rebuilt compass with new seals and serviced with fluid. Drilled and tapped hole in compass for light fixture attachment. Inspected nose gear retract rod shear pin, checked idler arm for play and lubricated linkages. Added lubricant to landing gear gearbox to comply with manufacturers specs. Removed landing gear motor, cleaned, turned commutator, installed new brushes and reinstalled on aircraft. Unplugged right wing antisiphon vent. Tightened 'mic' jack on center console. Adjusted up handcrank clearance to manufacturers specs. Adjusted roller clearance and upstop to manufacturers specs and checked rigging. Tightened right front inboard gear door hinge bolt. Secured loose upholstery with adhesive. Repositioned and secured clamp on defroster. Verified landing gear safety switch operation. Installed new adel clamp securing cabin air duct at right hand side of nose gear tunnel. Corrected co-pilot's seat belt and secured. C/W AD 72-22-01 Uplock rollers part C. Due again in 100 hrs. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Raytheon aircraft inspection of cabin door handle by operation. Due again at next handle removal. AD 95-04-03 Beech forward carry thru spar inspection due rear side in 245 hrs and on front side in 782.4 hrs.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286

LA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.
4-13-04				Tach time 4208.9 HRS. Installed a new 216 CW Vacuum pump with an engine drive seal. Replaced both inlet (+ inline) filters. Blew out line Ran up & checked operation. Checked OK. <i>Jim Lindell</i> A/P 35348/3286

AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
LOG ID# 172 29-April-2004 REF# 8106 FQ5R866M  
N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

Installed GPSS switch p/n 03975 s/n 0412-3049, GPSS remote box p/n 03976 s/n 0414-7167E/A. See revised weight and balance.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER  
W.O. 8106 DATE 04/29/2004

RELEASED BY *Sand Wright*  
AVIONICS PLACE  
FAA APPROVED REPAIR STATION FQ5R866M



ALT TEST DATA PER FAR 91.411 iaw FAR 43, APP. E  
AVIONICS PLACE-REPAIR STATION NO. FQ5R866M

CUSTOMER NAME: <b>Steve Arbazzani</b>									
N NO.: <b>8552 R</b>					DATE: <b>4-27-04</b>				
W.O. NO.: <b>8106</b>					INSP. BY: <b>Allen Warren</b>				
ALT S/N: <b>403334</b> <del>5934P</del>					MODEL: <b>United 5934 P-3</b>				
TABLE I			TABLE II						
ALT	TOL	IND	TEST			TOL	IND		
-1000	20	+20	CASE LEAK			100	0		
0	20	+20	HYSTERISIS						
500	20	+10	1ST TEST 50%			75	0		
1000	20	0	2ND TEST 40%			75	0		
1500	25	+20	AFTER EFFECT			30	30		
2000	30	+10							
3000	30	+10	TABLE III FRICTION			TABLE IV BARO SCALE			
4000	35	0	ALT TOL		IND	HG	ALT	DIF	TOL
6000	40	+15	1000	70	10	28.10	-1727	-2	25
8000	60	0	2000	70	10	28.50	-1340	+15	
10000	80	+10	3000	70	20	29.00	-863	+2	
12000	90	0	5000	70	20	29.50	-392	+5	
14000	100	-10	10000	80	10	29.92	0		
16000	110	-5	15000	90	10	30.50	531	-1	
18000	120	-15	20000	100	10	30.90	893	-3	
20000	130	-20	25000	120		30.99	974	-4	
22000	140	/	30000	140		NEXT IFR CERTIFICATION DUE BY: <b>5, 1, 1, 06</b>			
25000	155	/	35000	160					
30000	180	/	40000	180					
35000	205	/	50000	250					

Scanned with CamScanner



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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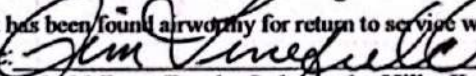
## FINEFIELD AVIATION

### AIRFRAME LOG

**DATE: 8-14-04**

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4231.08	9641

Completed an annual inspection I.A.W. the Beech maintenance manual and found airworthy. Replaced all gas cap o-rings, safetied and checked operation. Sealed firewall with silicone at stringers and skin. Cleaned fuel sump screen and safetied. Tested ELT I.A.W. FAR 91.207(d). IFR certification due 5-1-06. Serviced brake reservoir, tires and battery. Removed compass, cleaned, serviced and resealed. Removed right brake caliper, cleaned, resealed, reassembled and installed. Removed right pilot master cylinder, disassembled, cleaned, resealed, and bled brakes. Removed shimmy dampener, cleaned, and rebuilt using new o-rings. Reinstalled after filling with fluid. Replaced compass light assembly and tested ok. Adjusted left uplock cable tension within specs and safetied. Checked landing gear tensions and clearances to Beech specs. Lubed controls. Greased wheel bearings and all gear fittings. Ran up and checked all systems operation normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100hrs. C/W AD 72-22-01 Uplock rollers part C. Due again in 100 hrs. C/W AD 97-14-15 Raytheon aircraft inspection of door handle by operation. Due again at next door handle removal. AD 95-04-03 Beech forward carry thru spar inspection due rear side in 143.4 hrs. and on front side in 680.8 hrs.

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
 For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

[illegible]

Scanned with CamScanner



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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## FINEFIELD AVIATION

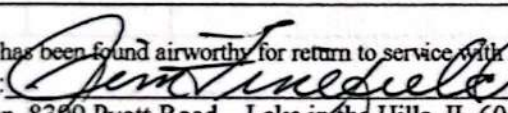
### AIRFRAME LOG

**DATE: 9-1-05**

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
<b>8552R</b>	<b>Beech</b>	<b>F33A</b>	<b>CE-533</b>	<b>4307.52</b>	<b>9717.5</b>

Completed an annual inspection I.A.W. the Beech maintenance manual and found airworthy. Performed light check. Removed, cleaned, and reinstalled fuel sump screen and safetied. Serviced battery, tires and brake reservoir. IFR certification due 4-27-06. Tested ELT I.A.W. FAR 91.207(d). Replaced ELT battery next due Oct. 2007. Removed and replaced left flap bumper and checked rigging. Replaced pilot seat recliner handle, rigged and checked operation. Replaced door stay. Removed, cleaned and rebuilt right pilot master cylinder, reinstalled and bled brake. Lubed cabin heat control and ran controls. Removed and replaced nav and beacon switches. Greased all landing gear fittings. Removed and replaced both instrument filters. Replaced right elevator trim tab bolts at actuator and trim tab and safetied. Reinstalled air duct plug in rear headliner area. Retaped left inboard gear door lightening holes. Replaced gas cap o-rings, set tension and safetied. Replaced grommet right fuel vent. Washed aircraft. Ran up and checked all systems operated normal. C/W AD 72-22-01 Uplock rollers part C. Due again in 100 hrs. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Raytheon aircraft inspection of cabin door handle by operation. Due again at next handle removal. AD 95-04-03 Beech forward carry thru spar inspection due on rear side in 66.9 hrs. and on front side in 604.1 hrs.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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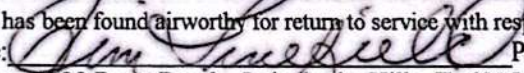
### FINEFIELD AVIATION

#### AIRFRAME LOG

DATE: 9-27-05

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	1231.5	

Replaced down elevator cable, safetied and checked operation. Repaired right rear passenger air vent and reinstalled. Replaced copilots mic switch and checked operation. Installed new beacon and nav light switches and checked operation. Reinstalled Shadin micro flo after repair and checked operation.

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
 For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

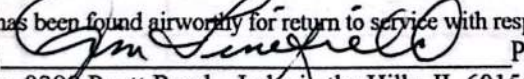
### FINEFIELD AVIATION

#### AIRFRAME LOG

DATE: 7-19-05

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4297.7	

Replaced power output wire connector at alternator. Ran up and checked operation, checked ok.

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
 For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858



ALT TEST DATA PER FAR 91.411 iaw FAR 43, APP. E  
AVIONICS PLACE-REPAIR STATION NO. FQ5R866M

DATE  
19\_\_  
TOTAL  
TIME IN  
SERVICE

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO  
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

CUSTOMER NAME: <b>52 Romeo</b>									
N NO.: <b>8552R</b>					DATE: <b>4-11-08</b>				
W.O. NO.: <b>9668</b>					INSP BY: <b>John Green</b>				
ALT S/N <b>403334</b>					MODEL <b>59 34 P-3</b>				

TABLE I			TABLE II						
ALT	TOL	IND	TEST	TOL	IND				
-1000	20	+15	CASE LEAK	100	20				
0	20	-5	HYSTERISIS						
500	20	+10	1ST TEST 50%	75	+10				
1000	20	+5	2ND TEST 40%	75	+5				
1500	25	+5	AFTER EFFECT	30	Ø				
2000	30	+20							
3000	30	+20	TABLE III FRICTION		TABLE IV BARO SCALE				
4000	35	+15	ALT	TOL	IND	HG	ALT	DIF	TOL
6000	40	+5	1000	70	10	28.10	-1727	1740	25
8000	60	+15	2000	70	10	28.50	-1340	1355	15
10000	80	-5	3000	70	10	29.00	-863	875	12
12000	90	Ø	5000	70	20	29.50	-392	405	13
14000	100	+5	10000	80	10	29.92	0	Ø	Ø
16000	110	-10	15000	90	30	30.50	531	515	16
18000	120	+5	20000	100	15	30.90	893	875	18
20000	130	-40	25000	120	///	30.99	974	960	16
22000	140	///	30000	140	///	NEXT IFR CERTIFICATION DUE BY: <b>4,30,08</b>			
25000	155	///	35000	160	///				
30000	180	///	40000	180	///				
35000	205	///	50000	250	///				

S REQUIRED

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E OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO  
ATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE  
REPORTING EQUIPMENT TESTS AND INSPECTIONS AS  
REQUIRED BY FAR 91.411 iaw FAR 43 APPENDIX "E"  
HAVE BEEN PERFORMED.

AVIONICS PLACE FQ5R866M ROCKFORD IL

PARA (A) STATIC SYSTEM

DATE 4/11/06

PARA (B) ALTIMETER

PILOTS 5934P-3 S/N 403334

C.P.'s - S/N -

TESTED TO 20K FT. DATE 4/11/06

PARA (C) INTEGRATED SYSTEM TEST

DATE 4/11/06 W.O. # 9668

SIGNED BY Paul J. Edwards

ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED  
BY FAR 91.413 iaw FAR 43 APPENDIX "F"

HAVE BEEN PERFORMED:

DATE 4/11/06

AVIONICS PLACE FQ5R866M ROCKFORD IL

MODEL KT-76A S/N 106299

SIGNED BY Paul J. Edwards



DATE 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.				
<b>FINEFIELD AVIATION</b>						
<b>AIRFRAME LOG</b>					<b>DATE: 3-29-06</b>	
<b>A/C N#</b>	<b>MAKE</b>	<b>MODEL</b>	<b>A/C S/N</b>	<b>HM</b>	<b>TTAF</b>	
8552R	Beech	F33A	CE-533	1231.5		
Removed Shadin Microflo p/n: 912041T-38, s/n: 1012 for repair and reinstalled. Checked operation, checked ok.						
This aircraft has been found airworthy for return to service with respect to the work described herein.						
Authorized Signature: <i>[Signature]</i>			Printed Name: James Finefield AP 353483286 IA			
<b>FINEFIELD AVIATION</b>						
<b>ENGINE LOG</b>					<b>DATE: 5-5-06</b>	
<b>A/C N#</b>	<b>MAKE</b>	<b>MODEL</b>	<b>A/C S/N</b>	<b>HM</b>	<b>TSMOH</b>	
8552R	Beech	F33A	CE-533	4352.86		
Changed oil and filter. Added 11qts. 15W50 Shell oil. Washed down engine. Ran up and checked for leaks found none. Took oil sample.						
This aircraft has been found airworthy for return to service with respect to the work described herein.						
<b>FINEFIELD AVIATION</b>						
<b>AIRFRAME LOG</b>					<b>DATE: 5-5-06</b>	
<b>A/C N#</b>	<b>MAKE</b>	<b>MODEL</b>	<b>A/C S/N</b>	<b>HM</b>	<b>TTAF</b>	
8552R	Beech	F33A	CE-533	4352.86		
Serviced tires, battery and brake reservoir. Back flushed fuel flow transducer and replaced electrical connectors to unit. Cleaned battery terminals and tightened.						
This aircraft has been found airworthy for return to service with respect to the work described herein.						
Authorized Signature: <i>[Signature]</i>			Printed Name: James Finefield AP 353483286 IA			
For Finefield Aviation 9400 Buett Road, Lake in the Hills, IL 60156 Phone: 815.450.4959						

## FINEFIELD AVIATION

## AIRFRAME LOG

DATE: 10-18-06

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4387.8	9797.8

Completed an annual inspection I.A.W. the Beech maintenance manual and found airworthy. Performed light check, replaced map light bulb. Replaced gas cap o-rings. Replaced nose tire and tube. Tested ELT I.A.W. F.A.R. 91.207(d). ELT battery due Oct 2007. Cleaned fuel sump screen. Resealed shimmy dampener, serviced and reinstalled. Serviced tires, battery and brake reservoir. Replaced right elevator trim tab bolt, shimmed and safetied. Replaced right elevator static wick. Replaced all brake linings. Greased wheel bearings. Removed left wheel cylinder, cleaned, replaced o-rings, reinstalled and bled. Checked gear motor brushes. Rigged landing gear to Beech specs. Rebuilt compass, serviced and reinstalled. Removed pilots right master cylinder, rebuilt with new o-rings, installed, and bled brakes. Lubed and adjusted prop control. Replaced pilot vent window seal. Washed aircraft. Completed IFR certification this date. Ran up and checked all systems operated normal. C/W AD 72-22-01 Uplock rollers part C. Due again in 100 hrs. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Raytheon aircraft inspection of cabin door handle by operation. Due again at next handle removal. C/W AD 95-04-03 Beech forward carry thru spar inspection rear side only. Rear side due again in 500 hrs. Front side due in 523.8 hrs.

Error

50

60

70

80

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: Jim Finefield Printed Name: James Finefield AP 35348328

For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

Integrated System Test 10-18-06 Date

Signature: Jim Finefield W/O No. 770.35

FINEFIELD AVIATION, INC.

Repair Station FP5R85M

Lake In The Hills, IL 60102

815-459-4858

6,000	-10	35,000
8,000	-30	40,000
10,000	-40	45,000
12,000	-40	50,000
HY 50%	-20	HY 40%
After Effect	+10	

ATC Transponder Tests and Inspection as required by FAR 91-413 law FAR 43, Appendix "F", have been performed:

10-18-06 Jim Finefield  
(date and signature)

FINEFIELD AVIATION INC.

Repair Station FP5R865M

Lake In The Hills, IL 60102

King  
KT78A



## INSPECTION—MAINTENANCE—REPAIRS—ALTERATIONS

TYPE Beech  
 REG. 8552R  
 S/N CE-533  
 HOBBS 4387.8

## FINEFIELD AVIATION

Lake In The Hills Airport  
 8407 Pyott Road  
 Lake In The Hills, IL 60102  
 F.A.A. APPROVED REPAIR STATION C03-40  
 AIRFRAME LOG BOOK INSERT

DATE 10-18-06  
 W.O. # 77035  
 T.T. 9797.8  
 TACH \_\_\_\_\_

The following altimeter system and altitude reporting equipment:  
 tests and inspections as required by FAR 91-411 law FAR 43,  
 Appendix E have been performed:

## Appendix E

Para (a) Static System 10-18-06 Date

Para (b) Altimeter(s)

Pilots ✓ C/P's \_\_\_\_\_ Alt \_\_\_\_\_

S/N ✓ S/N \_\_\_\_\_

Tested to 20,000 Feet

Date 10-18-06

Para (c) Integrated System Test 10-18-06 Date

Signature Jim King W/O No. 77035

FINEFIELD AVIATION, INC.

Repair Station FP5R85M

Lake In The Hills, IL 60102

615 - 454-4852

Serial #	Altimeter Reads	Error	Altimeter Reads	Error
	0	0	14,000	-50
	500	+5	16,000	-60
	1,000	+10	18,000	-70
	1,500	+10	20,000	-80
	2,000	+5	22,000	
	3,000	0	25,000	
	4,000	-5	30,000	
	6,000	-10	35,000	
	8,000	-30	40,000	
	10,000	-40	45,000	
	12,000	-40	50,000	
	HY 50%	-20	HY 40%	0
	After Effect	+10		

ATC Transponder Tests and inspection as required by  
 FAR 91-413 law FAR 43, Appendix "F", have been  
 performed:

10-18-06

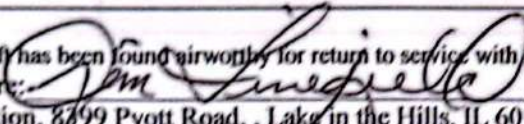
(date and signature)

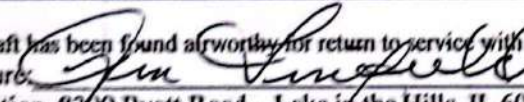
FINEFIELD AVIATION INC.

Repair Station FP5R865M

Lake In The Hills, IL 60102

King  
KT78A

DATE	A. D.	TOTAL				
19. <b>FINEFIELD AVIATION</b>						
<b>AIRFRAME LOG</b>					<b>DATE: 6-13-07</b>	
<b>A/C N#</b>	<b>MAKE</b>	<b>MODEL</b>	<b>A/C S/N</b>	<b>HM</b>	<b>TTAF</b>	
8552R	Beech	F33A	CE-533	4431.7		
Serviced battery, tires, and brake reservoir.						
<p>This aircraft has been found airworthy for return to service with respect to the work described herein.</p> <p>Authorized Signature:  Printed Name: James Finefield AP 353483286 IA</p> <p>For Finefield Aviation, 8799 Pyott Road, , Lake in the Hills, IL 60156 Phone: 815-459-4858</p>						

<b>FINEFIELD AVIATION</b>						
<b>AIRFRAME LOG</b>					<b>DATE: 5-14-07</b>	
<b>A/C N#</b>	<b>MAKE</b>	<b>MODEL</b>	<b>A/C S/N</b>	<b>HM</b>	<b>TTAF</b>	
8552R	Beech	F33A	CE-533	4416.25		
Serviced tires and brake reservoir. Removed right brake caliper, lubed brake pins, reinstalled and checked operation, checked ok. Secured inner interior door panel by drilling and installing 2 more screws.						
<p>This aircraft has been found airworthy for return to service with respect to the work described herein.</p> <p>Authorized Signature:  Printed Name: James Finefield AP 353483286 IA</p> <p>For Finefield Aviation, 8799 Pyott Road, , Lake in the Hills, IL 60156 Phone: 815-459-4858</p>						



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

### FINEFIELD AVIATION

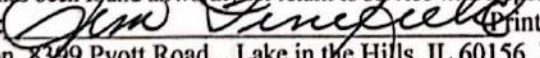
#### AIRFRAME LOG

DATE: 11-10-07

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4458.61	9868.6

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Removed compass, resealed, serviced and reinstalled. Replaced gas cap o-rings and lubed. Installed new right wing landing gear mirror. Lubed tach cable. Sent pilots' shoulder harness inertia reel for repair, reinstalled and checked operation. Replaced both instrument air filter elements. Serviced tires, battery and brake reservoir. Tested ELT I.A.W. F.A.R. 91.207(d). Replaced ELT battery next due Jan 2010. Cleaned fuel sump screen and replaced drain assembly. Greased landing gear fittings and wheel bearings. Replaced both bearings and races on nose and right main wheels. Checked landing gear brushes. Checked landing gear box fluid level. Performed light check, good. Checked landing gear rigging to Beech specs. Replaced right flap bumper and checked rigging. Rebuilt pilots right master cylinder with new o-rings and bled brakes. Checked shimmy dampener. Lubed and ran cabin heat and rear cabin heat controls. Ran and lubed controls. Tightened pilot seat armrest bolts. Washed aircraft. Ran up and checked all systems operated normal. AD 72-22-01 Uplock rollers superceded by AD 2007-08-08. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Due again at next handle removal. C/W AD 2007-08-08 Beech uplock rollers and bolt inspection and lubrication. Next due in 100 hrs. AD 95-04-03 Beech forward carry thru spar inspection due in 429.2 hrs. on rear side and 453 hrs on front side.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

YEAR: DATE	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)
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AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
 LOG ID# 878 11-March-2008 WO# 11172  
 N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

REMOVED GNS-430 FOR WAAS UPGRADE. INSTALLED GNS-430W S/N 96304497. REMOVED GA-56 ANTENNA. INSTALLED GA-35 ANTENNA S/N 34041. WEIGHT AND BALANCE NEGLIGIBLE.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY Geoffrey H. Heden  
 AVIONICS PLACE  
 FAA APPROVED REPAIR STATION FQ5R866M.



ALT TEST DATA PER FAR 91.411 iaw FAR 43, APP. E  
AVIONICS PLACE-REPAIR STATION NO. FQ5R866M

CUSTOMER NAME: <i>Steve Arbizzani</i>									
N NO.: <i>8552R</i>				DATE: <i>March 10, 08</i>					
W.O. NO.: <i>11172</i>				INSP. BY: <i>Geoffrey Heberlein</i>					
ALT S/N: <i>403334</i>				MODEL: <i>United 5934P-3</i>					
TABLE I			TABLE II						
ALT	TOL	IND	TEST			TOL	IND		
-1000	20	-990	CASE LEAK			100	20		
0	20	+10	HYSTERISIS						
500	20	505	1ST TEST 50%			75	+5		
1000	20	0	2ND TEST 40%			75	0		
1500	25	1510	AFTER EFFECT			30	+10		
2000	30	2010							
3000	30	3015	TABLE III FRICTION			TABLE IV BARO SCALE			
4000	35	4005	ALT TOL IND			HG	ALT	DIF	TOL
6000	40	5995	1000	70	30	28.10	-1727	-1730	25
8000	60	7990	2000	70	30	28.50	-1340	-1350	
10000	80	9985	3000	70	30	29.00	-863	-865	
12000	90	11980	5000	70	30	29.50	-392	+400	
14000	100	13975	10000	80	30	29.92	0	0	
16000	110	15960	15000	90	30	30.50	531	530	
18000	120	17940	20000	100	30	30.90	893	890	
20000	130	19945	25000	120		30.99	974	970	
22000	140		30000	140		NEXT IFR CERTIFICATION DUE BY: <i>March 30, 2010</i>			
25000	155		35000	160					
30000	180		40000	180					
35000	205		50000	250					



Scanned with CamScanner









YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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## DATE: FINEFIELD AVIATION

### AIRFRAME LOG

DATE: 11-18-08

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4622.9	10032.9

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Performed light check and replaced 1 altimeter post light bulb. Tested ELT I.A.W. F.A.R. 91.207(d). ELT battery due Jan. 2010. Installed new instrument filters. Cleaned fuel strainer screen and installed new gasket. Installed new fuel cap o-rings. Tightened cowl flap control ball end fitting at bellcrank fitting and safetied. Serviced shimmy dampener. Resealed nose strut and serviced with new hydraulic fluid and nitrogen and reinstalled in aircraft. Installed new nose gear steering yoke bolt and safetied. Greased landing gear fittings. Serviced battery and brake reservoir. Replaced left and right main gear tires and balanced. Completed IFR certification 11-11-08. Installed new strut side rod ends on left main gear outboard door links. Installed new strut side rod end on right main gear outboard door forward link. Disassembled compass, cleaned and assembled with new seals and serviced with fluid. Secured nose gear up stop cushion in place with safety wire. Tightened right fuel cell drain valve hose clamp. Washed down landing gear. Removed left and right deteriorated fresh air ducts in headliner. Installed new section of scat duct in ceiling between front and second row seats. Lubed controls. Ran up and checked operation normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock rollers and bolt inspection and lubrication. Next due in 100 hrs. AD 95-04-03 Beech forward carry thru spar inspection due in 264.9 hrs. on rear side and 288.7 hrs. on front side. AD 2008-13-17 Hawker Beechcraft switches must be replaced by August 2009. Switches are not available at this time.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

## INSPECTION—MAINTENANCE—REPAIRS—ALTERATIONS

TYPE Beech F33A  
 REG. 8552R  
 S/N CE-533  
 HOBBS 4622.9

## FINEFIELD AVIATION

Lake In The Hills Airport  
 8407 Pyott Road  
 Lake In The Hills, IL 60102  
 F.A.A. APPROVED REPAIR STATION C03-40  
 AIRFRAME LOG BOOK INSERT

DATE 11-11-08W.O. # 77790T.T. 4622.9

TACH \_\_\_\_\_

Inspection system and altimeter reporting equipment  
 inspections as required by FAR 91-411 law FAR 43,  
 Appendix E have been performed:

## Appendix E

(a) Static System 11-11-08 Date

(b) Altimeter(s)

Pilots ☒ C/P's \_\_\_\_\_ Alt

S/N ☒ S/N \_\_\_\_\_

Tested to 20,000 Feet

Date 11-11-08

(c) Interfered System Test 11-11-08 Date

Signature Jim Finefield W/O No. 77790

FINEFIELD AVIATION, INC.

Repair Station FP5R865M

Lake In The Hills, IL 60102

US 459-4858

Serial #			
Altimeter Reads	Error	Altimeter Reads	Error
0	-5	14,000	-30
500	+5	16,000	-35
1,000	+5	18,000	-35
1,500	+10	20,000	-40
2,000	+10	22,000	
3,000	+5	25,000	
4,000	0	30,000	
6,000	-5	35,000	
8,000	-25	40,000	
10,000	-30	45,000	
12,000	-30	50,000	
HY 50%	-15	HY 40%	-5
After Effect	+25		

ATC Transponder Tests and Inspection as required by  
 FAR 91-413 law FAR 43, Appendix "F", have been  
 performed:

11-11-08

(date and signature)

FINEFIELD AVIATION INC.  
 Repair Station FP5R865M  
 Lake In The Hills, IL 60102

Bendix/King  
KT76A



YEAR:	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.)
DATE				

AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
 LOG ID# 1083 09-April-2009 WO# 12107  
 N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

Model: GNS-430W Part#: 011-01060-45 Serial#: 96304499

ACTION: Removed sidewall and backwall. Routed ELT cable and mounted remote. Assembled aft connector and mounted ELT and antenna. Connected ELT remote and power to battery. BATTERY DUE MARCH 2015.

WEIGHT AND BALANCE NEGLIGIBLE.

Tested pitch start-up. Found start-up voltage at 3.5. Removed servo for repair. Reinstalled and tested good.

Complied with Garmin Service Bulletin 0848 Rev.B for GNS-430W. Updated Main Software to v3.20 and GPS Software to v3.2.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY David Wright  
 AVIONICS PLACE  
 FAA APPROVED REPAIR STATION FQ5R866M.

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

## FINEFIELD AVIATION

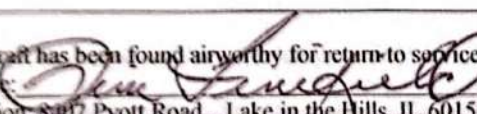
### AIRFRAME LOG

DATE: 6-18-09

A/CN#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4580.6	

Serviced tires, battery and brake reservoir. Replaced pitot heat and strobe switches I.A.W. AD 2008-13-17. Landing light and taxi light switches need to be replaced to comply fully with AD. These 2 switches are on order.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8407 Pyott Road, Lake in the Hills, IL 60156 Phone:



1651 Aviation Place Billings, MT 59105  
PH: (406) 259-5006 FAX: (406) 252-4369  
C.R.S. NH2R031L [www.aerotronics.com](http://www.aerotronics.com)

N8552R Beech F33A S/N CE-533 4628.98 hrs Tach 07/21/09

Replaced the defective Directional Gyro: Removed Edo-Aire model 4000-6 P/N 1U262-006-45 S/N T46738J, manufactured for S-Tec as their model 6406-14L. (Directional Gyro precesses excessively). Installed an overhauled exchange D.G.: Installed same make, model and P/N, S/N T39835H. See Mid-Continent Inst. Co. FAA Form 8130-3 dated Jan 13, 2009. Following installation, the Instrument Air Filter was visually inspected and deemed serviceable at this time. The functional ramp check was performed and passed.

  
Gordon Dewey 2369526



1. Approving National Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>WRK0136211</b>	
4. Organization Name and Address:  <b>MID-CONTINENT INSTRUMENT CO., INC</b> 9400 E 34th ST. NORTH WICHITA, KS 67226-2616		5. Work Order/Contract/Invoice Number: <b>WRK0136211</b>				6. Form Tracking Number: <b>FAA CRS OL2R061L</b>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	O.G. AP LIGHTED	1U262-006-45 4000D-6/6406	N/A	1	T39825H	OVERHAULED	
13. Remarks: <b>THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.</b> <b>ALL WORK WAS PERFORMED REF. MANUAL # DRWG PKG # 11 11/24/03</b> The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature 		21. Approval/Certificate No.: FAA CRS OL2R061L	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): NICHOLAS HOWE		23. Date (m/d/y): Jan/13/2009	
<p align="center"><b>User/Installer Responsibilities</b></p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the installer/user before the aircraft may be flown.</p>							

YEAR:	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)
DATE				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description Entries must be Technician

1. Approving National Aviation Authority/Country <b>FAA / United States</b>		<h2 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h2> <p style="text-align: center;">FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG</p>				3. Form Tracking Number: <b>19676</b>	
4. Organization Name and Address <b>S-TEC Corporation, One S-TEC Way, Mineral Wells, TX 76067-9236</b>						5. Work Order / Contract / Invoice Number <b>R000064102</b>	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial Number	12. Status/Work	
1	ASSY,429 GPSS REMOTE INTF	03976	N/A	1	0435-7504E/A	REPAIRED	
13. Remarks See attached SRO# <u>R000064102</u> For work performed and parts used. The work specified has been accomplished in accordance with S-TEC Component Maintenance Manual number 87163, Revision A, Dated 09/12/2003.							



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.)
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AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
 LOG ID# 1166 17-August-2009 WO# 12428  
 N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

Tested compass and checked it's accuracy. Did compass alignment. Fluid was already topped off to very top. Damping should be optimal. Complied with Garmin Service Bulletin 0919 Rev.A for GNS-430w. Updated Main Software to v3.30 and verified GPS Software at v3.2. New AFMS installed in aircraft. Bridle cables tension tested and found to be within STEC installation specifications. Activated XM music on GPS. Did refresh on signal. Found Hdg bug connections at roll computer oxidized. Cleaned connectors. Now tests properly.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY *Joseph Heberlein*  
 AVIONICS PLACE  
 FAA APPROVED REPAIR STATION FQ5R866M.

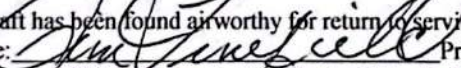
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

## FINEFIELD AVIATION

### AIRFRAME LOG

DATE: 12-11-09

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4662.16	10072.1
<p>Washed down landing gear. Installed new G35 aircraft battery. Removed right fuel cell drain valve, blew out, installed new seal and reinstalled. Serviced left and right struts with nitrogen. Washed aircraft. Ran up and checked all systems operated normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock rollers and bolt inspection and lubrication. Next due in 100 hrs. C/W AD 2008-13-17 Hawker Beechcraft switches by replacement. AD is now satisfied and not recurring. AD 95-04-03 Beech forward carry thru spar inspection due in 225.7 hrs. on rear side and 249.5 hrs. on front side.</p> <p>PG2</p>					

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 1A



YEAR:	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.)
DATE				

## FINEFIELD AVIATION

### AIRFRAME LOG

**DATE: 12-11-09**

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4662.16	10072.1

I certify that this aircraft has been inspected I.A.W. an annual inspection and was found to be in airworthy condition I.A.W. the Beech maintenance manual. Cleaned fuel sump screen and resealed. Replaced gas cap o-rings and lubed. Serviced tires, battery and brake reservoir. Removed compass, resealed and serviced. IFR certification due 11-2010. Tested ELT I.A.W. F.A.R. 91.207(d). ELT battery next due March 2015. Removed shimmy dampener, serviced and reinstalled. Replaced landing and taxi light switches to comply with AD 2008-13-17. Greased wheel bearings. Greased landing gear grease fittings. Installed new upper fuselage strobe lense. Replaced main gear uplock springs. Replaced right main gear retract rod end and safetied. Lubed controls. Replaced pilot seat back adjustment handle and cam, safetied and reinstalled. Replaced pilot and copilot seat rollers and lubed. Checked gear motor brushes to specs. Checked gear box fluid level to specs. Checked nose gear retract rod shear pin and lubed retract idler arm. Checked landing gear rigging to Beech specs. Installed anti chafe tape to left wing where flap is rubbing. Adjusted both right and left flap bumpers with flaps in up position. Installed new right and left cowl flap bolts with longer bolts and hardware and tension springs. Replaced left cowl flap inboard hinges. Dressed and painted prop blades.

PG1

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 1A  
 For Finefield Aviation, 8799 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

YEAR:	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.)
DATE				

### FINEFIELD AVIATION

#### AIRFRAME LOG

DATE: 4-20-10

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4686.7	

Removed compass, disassembled, cleaned, resealed and assembled. Serviced compass and reinstalled.  
Checked operation.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *James Finefield* Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
LOG ID# 1250 13-January-2010 WO# 12514  
N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

REMOVED GPSS 03976 S/N 0414-7167E/A. INSTALLED EXCHANGE GPSS 03976 S/N 0435-7504E/A.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY: *Jeffrey Hebrlein*  
AVIONICS PLACE  
FAA APPROVED REPAIR STATION FQ5R866M.



RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Description of work done:
 
**J.A. AIR CENTER**  
 Aurora Airport • Sugar Grove, IL 60554  
 FAA Repair Station #NF2R029L  
**AIRFRAME LOG ENTRY**

 Type Beech F33A  
 S/N CE-533  
 N# 8552R

Removed and Replaced memory battery in Davtron M877 clock/timer. S/N of unit: 06095. Set time and tested.

Final Test OK.

#### MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 221854 Date 03MAY2010 Tach/Hobbs 4687.4 Signature [Signature]  
 Inspector (print) Luke W. Gomoll

YEAR:	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.)
DATE				

### FINEFIELD AVIATION

#### AIRFRAME LOG

DATE: 6-16-10

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4707.1	

Serviced tires, battery and brake reservoir. Completed IFR certification this date.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *James Finefield* Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8299 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858



## INSPECTION—MAINTENANCE—REPAIRS—ALTERATIONS

TYPE Boeing 737  
 REG. 8002R  
 SN CE-533  
 YEARS \_\_\_\_\_

## FINEFIELD AVIATION

Lake In The Hills Airport  
 8407 Pyott Road  
 Lake In The Hills, IL 60102  
 F.A.A. APPROVED REPAIR STATION C03-40  
 AIRFRAME LOG BOOK INSERT

DATE 6-16-10  
 W.O. # 78360  
 T.T. 4707.1  
 TACH \_\_\_\_\_

the following altimeter system and altitude reporting equipment,  
 tests and inspections as required by FAR 91-411 law FAR 43,  
 Appendix E have been performed:

## Appendix E

Part (a) Static System 6-16-10 Date

Part (b) Altimeter(s)

Ports ☒ C/Ps \_\_\_\_\_ Alt

S/N ☒ S/N \_\_\_\_\_

Tested to 20,000 Feet

Date 6-16-10

Part (c) Integrated System Test 6-16-10 Date

Signature [Signature] W/O No. 78360

FINEFIELD AVIATION, INC.

Repair Station FPS885M

Lake In The Hills, IL 60102

PH: 630-200-0000

Serial #	Altimeter Reads	Error	Altimeter Reads	Error
	0	+5	14,000	-15
	500	+10	16,000	-25
	1,000	+15	18,000	-15
	1,500	+10	20,000	-25
	2,000	+10	22,000	
	3,000	+5	25,000	
	4,000	+5	30,000	
	6,000	0	35,000	
	8,000	-15	40,000	
	10,000	-10	45,000	
	12,000	-20	50,000	
	HY 50%	+5	HY 40%	+5
	After Effect	+30		

ATC Transponder Tests and Inspection as required by  
 FAR 91-413 law FAR 43, Appendix "F", have been  
 performed;

6-16-10 [Signature]  
 (date and signature) Bondix/King  
 FINEFIELD AVIATION INC.  
 Repair Station FPS885M  
 Lake In The Hills, IL 60102  
KT76A

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

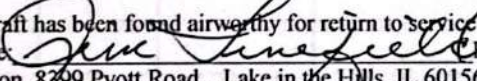
### FINEFIELD AVIATION

#### AIRFRAME LOG

DATE: 1-3-11

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4746.9	10156.9

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Checked lights and pitot heat operation. Installed new gasket on left fuel cell inboard inspection plate and safetied. Tightened inboard fuel sending unit screws and resafetied. Sanded, primed and painted fuel cap receptacle rim for left and right fuel cells. Lubricated tach drive cable and back of tachometer coupling. Tightened the middle pivot bolt on the nose gear torque link and safetied. Removed left pilots master cylinder, disassembled, installed new seals, reinstalled on aircraft and bled brake. Installed new instrument air inlet and inline filters. Cleaned fuel strainer screen and reassembled with new gasket. Installed new fuel cap o-rings. Serviced shimmy dampener and reinstalled. Resealed compass with additional gasket between face glass and outer plate. Serviced and reinstalled compass. Serviced tires, battery and brake reservoir. Adjusted left main gear up stop bolt to specs. Adjusted left main gear uplock roller clearance to specs. PG1

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
 For Finefield Aviation, 8799 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858



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

## FINEFIELD AVIATION

### AIRFRAME LOG

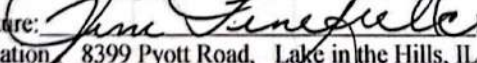
DATE: 1-3-11

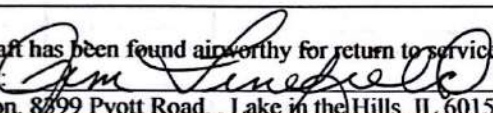
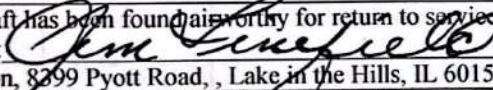
A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4746.9	10156.9

Adjusted right main gear uplock cable tension to specs and safetied clevis end. Checked landing gear rigging and operation of squat switch and throttle warning horn to Beech specs. Installed two new static wicks on left elevator. Greased landing gear grease fittings. Checked nose gear retract rod shear pin, good. Removed Artex ME406, 453-6603 s/n: 188-07481 and sent for repair. Reinstalled ELT and checked operation. ELT battery next due March 2015. Replaced aft nose gear retract rod end and lubed. Ran gear and checked operation. Washed aircraft. Lubed controls. Ran up and checked all systems operated normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock bolts and rollers by inspection and lubrication. Next due in 100 hrs. AD 95-04-03 Beech forward carry thru spar inspection due in 140.9 hrs on rear side and 156.1 hrs on front side. AD 2009-25-01 Hawker Beechcraft "D" ring washer inspection D.N.A. due to not being installed. AD is now satisfied. AD 2010-01-03 Fire fighting enterprises extinguisher D.N.A. due to no extinguisher installed in aircraft. AD 2010-04-16 Sicli fire extinguisher D.N.A. due to no extinguisher installed in aircraft. AD 2010-11-05 Avox systems and B/E Aerospace O2 bottles D.N.A. due to no O2 bottle installed in aircraft.

PG2

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
 For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)		
DATE	<b>FINEFIELD AVIATION</b>					
	<b>AIRFRAME LOG</b>				<b>DATE: 6-3-11</b>	
	<b>A/C N#</b>	<b>MAKE</b>	<b>MODEL</b>	<b>A/C S/N</b>	<b>HM</b>	<b>TTAF</b>
	8552R	Beech	F33A	CE-533	4786.9	
	Serviced tires, battery and brake reservoir. Replaced right main fuel tank drain seal and checked operation.					
	This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature:  Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8299 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858					
	<b>FINEFIELD AVIATION</b>					
	<b>AIRFRAME LOG</b>				<b>DATE: 10-6-11</b>	
	<b>A/C N#</b>	<b>MAKE</b>	<b>MODEL</b>	<b>A/C S/N</b>	<b>HM</b>	<b>TTAF</b>
	8552R	Beech	F33A	CE-533	4820.5	
	Serviced tires, battery and brake reservoir. Replaced left fuel cap o-rings, lubed and installed.					
	This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature:  Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8299 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858					



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

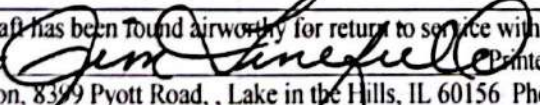
## FINEFIELD AVIATION

### AIRFRAME LOG

**DATE: 2-23-12**

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4831	10241

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Removed shimmy dampener, disassembled, cleaned, installed new o-rings, assembled and serviced with hydraulic fluid. Reinstalled on nose gear using new hardware. Removed left brake caliper disassembled, cleaned and installed new o-rings and reinstalled. Removed right brake master cylinder, disassembled, cleaned, installed new o-rings and reinstalled in aircraft. Bled left and right brakes. Greased landing gear fittings. Installed new left brake linings using new rivets. Removed wheels, cleaned, inspected and greased bearings. Reinstalled wheels and safetied. Tested ELT I.A.W. F.A.R. 91.207(d). ELT battery due for replacement March 2015. Installed new nose gear retract rod boot. Performed gear rigging to Beech specs. Installed new gas cap o-rings. Installed new copilot seat recliner handle assembly. Installed new aluminum cabin door lower latch plate. Washed down landing gear. Washed aircraft. Ran up and checked all systems operated normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock bolts and rollers by inspection and lubrication. Next due in 100 hrs. AD 95-04-03 Beech forward carry thru spar inspection is due in 56.8 hrs. on rear side and 72 hrs on front side.

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
 For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

YEAR: DATE	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.)
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## FINEFIELD AVIATION

### AIRFRAME LOG

DATE: 10-12-12

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4874	

Adjusted elevator trim tabs to match indicator and checked operation.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *James Finefield* Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8299 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
LOG ID# 1711 28-August-2012 WO# 14782  
N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

Removed: CI 121SP LORAN ANTENNA S/N 15856, KA-42B ADF ANTENNA S/N 24849, KI-225 ADF ANTENNA S/N 24849 KR-85 ADF RECEIVER S/N 15856, MI LORAN S/N N15766. Installed: AG-ITEM4 AIR GIZMO S/N 23883 P/N AG-ITEM4

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY: *Deputy Hubert*  
AVIONICS PLACE  
FAA APPROVED REPAIR STATION FQ5R866M.



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
DATE			

# 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)

## FINEFIELD AVIATION

### AIRFRAME LOG

DATE: 4-20-13

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4879.8	10289.8

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Installed a new G35 battery s/n: G02756837. Replaced taxi, OAT and right main gear lower set of landing gear down light bulbs and checked operation. ELT battery is due March 2015. Tested ELT I.A.W. F.A.R. 91.207 (d). Cleaned fuel strainer screen and resealed. Replaced all gas cap o-rings. Checked gearbox fluid level, ok. Checked gear motor brushes, ok. Replaced left flap inboard ground strap. Replaced right aileron inboard static wick. Cleaned and greased all wheel bearings. Greased all landing gear fittings. Inspected brakes and linings. Checked all gear rigging to Beech specs. Checked operation of throttle warning horn. Checked operation of landing gear squat switch. Checked nose gear shear pin, reinstalled and safetied. Performed IFR certification test. Removed nose gear up and down actuator arm, straightened and tightened up pivot, lubed and reinstalled arm. Replaced nose gear forward retract rod end and ran gear to check rigging. Replaced nose gear retract rod and bolt at "A" frame, tightened and safetied. Tightened copilot mic switch. Disassembled compass, cleaned, reassembled with new gaskets and serviced. Washed aircraft. Ran up and checked all systems operated normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 95-04-03 Beech forward carry thru spar inspection and found no cracks. Next due in 500 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock bolts and rollers by inspection and lubrication. Next due in 100 hrs.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

## INSPECTION—MAINTENANCE—REPAIRS—ALTERATIONS

TYPE Beach F33A  
 REG. 8552R  
 S/N CE-533  
 HOBBS 4879.8

## FINEFIELD AVIATION

Lake In The Hills Airport

8399 Pyott Road

Lake In The Hills, 60156

F.A.A. APPROVED REPAIR STATION C03-40  
AIRFRAME LOG BOOK INSERT

DATE 4-16-13  
 W.O. # 79408  
 T.T. 10289.8  
 TACH \_\_\_\_\_

Serial #			
Altitude Reads	Error	Altitude Reads	Error
0	-5	14,000	-35
500	-5	16,000	-35
1,000	-5	18,000	-40
1,500	-10	20,000	-35
2,000	0	22,000	
3,000	-5	25,000	
4,000	-5	30,000	
6,000	-20	35,000	
8,000	-25	40,000	
10,000	-30	45,000	
12,000	-40	50,000	
HY 50%	+25	HY 40%	+20
Inter Effect	+25		

ATC Transponder Tests and Inspection as required by  
 FAR 91-413 law FAR 43, Appendix "F", have been  
 performed:

4-16-13 Jim Linequell  
 (date and signature)

FINEFIELD AVIATION INC.  
 Repair Station FP5R865M  
 Lake In The Hills, IL 60102

The following altimeter system and altitude reporting equipment  
 tests and inspections as required by FAR 91-411 law FAR 43,  
 Appendix E have been performed:

## Appendix E

Para (a) Static System 4-16-13 Date

Para (b) Altimeter(s)

Pilots ☒ C/P's \_\_\_\_\_ Alt

S/N ☒ S/N \_\_\_\_\_

Tested to 20,000 Feet

Date 4-16-13

Para (c) Integrated System Test 4-16-13 Date

Signature Jim Linequell WFO No. 79408

FINEFIELD AVIATION, INC.

Repair Station FP5R865M

Lake In The Hills, IL 60102

815 - 459-4858



TACH  
TIME

FLIGHT

TIME IN  
SERVICE

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

# **FINEFIELD AVIATION**

## **AIRFRAME LOG**

**DATE: 7-12-13**

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4900.3	

Serviced tires. Battery and brake reservoir.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: *James Finefield* Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

Date	05/23/14	TACH:	4930.65		
Registration	N8552R	Serial No.	CE-533	TTAF	10340.65
Engine	IO-550-B	Serial No.	296585R	TTE	1850.65
Propeller	3A32C406-C	Serial No.	901664	TTSPOH	0
ELT Battery Date	Feb 2015	Transponder / IFR Certification	April 2015		

- Performed Annual Inspection in accordance with FAR 43 appendix D and the Bonanza 33, 35, & 36 Annual Long Form Inspection Guide, reissued March, 1985.
- Maintenance Items Completed:**
- Lubed landing gear system.
- Performed landing gear retraction check and set all clearances to factory specs.
- Replaced right main gear A-frame forward pin, p/n 35-815123-10, with new.
- Replaced instrument air filters with new p/n's RA1J4-7, & RAD9-14-5
- Replaced flap bumpers with new.
- Inspected and lubed wing attaching bolts.
- Checked rigging on all 3 axes. Lubed pulleys and cables.
- Replaced induction air filter with new BA-7112
- Resealed left fuel tank sender gaskets.

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

ELT tested & inspected in accordance with FAR 91.207 Battery due Feb 2015

1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL	
4. Organization Name and Address: Beechcraft Corporation 80 Beechcraft Suite 100 Grapevine, TX 7			
6. Item:	7. Description:	8. Part Number:	9.
1	PIN ASSEM-LDG GR R B	35-815123-10	
12. Remarks:  AIRWORTHINESS APPROVAL			
13a. Certify the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			
13b. Authorized Signature:  Frazier MacDermott		13c. Approval/Authorization No.: ODA-230339-CE	
13d. Name (Typed or Printed): Frazier MacDermott		13e. Date (dd/mm/yyyy): 26/MAR/2014	
User/Installer R			
<p>It is important to understand that the existence of this document alone does not automatically constitute approval of the work performed. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority, it is essential that the user/installer ensures that the work complies with the country specified in Block 1.</p> <p>Statements in Blocks 13a and 13d do not constitute installation certification. In all cases, aircraft must be inspected and approved by the user/installer before the aircraft may be flown.</p>			

FAA Form 8130-3 (02-14)



YEAR:	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.)
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AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
LOG ID# 2014 08-September-2014 WO# 16281  
N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

REMOVED INSIGHT 602 ENGINE MONITOR P/N 610-001 S/N 1054  
INSTALLED INSIGHT G-2 ENGINE MONITOR P/N 610C-001 S/N20424  
THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS  
OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY   
AVIONICS PLACE  
FAA APPROVED REPAIR STATION FQ5R866M.

AVIONICS PLACE 5257 Falcon Rd. Rockford, IL 61109-2917 FQ5R866M  
LOG ID# 2029 23-September-2014 WO# 16326  
N8552R S/N CE-533 BEECH F33A

Pg 1 / 1

\*\*\*\* ITEM # 16326-1 CHANGE EGT PROBE 2 \*\*\*\*

DISCREPANCY: CHANGE EGT PROBE 2

ACTION: CYLINDER #5 EGT HAD RED READ OUT ON SELF TEST. REMOVED DEFECTIVE EGT PROBES  
ON CYLINDER 5 & 6. CYLINDER #5 HAD P/N 2870 S/N 146735 REPLACED WITH S/N 153713.  
CYLINDER #6 HAD P/N 2870 S/N 44655 REPLACED WITH S/N 153756.

TESTED AND ALL PROBES READ GREEN TO SELF TEST.

THE AIRCRAFT/COMPONENT IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS  
OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. LISTED ABOVE.

RELEASED BY   
AVIONICS PLACE  
FAA APPROVED REPAIR STATION FQ5R866M.





YEAR	RECORDING	TODAYS	TOTAL	Description of inspections, Tests, Repairs and Alterations
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# **FINEFIELD AVIATION**

## **AIRFRAME LOG**

**DATE: 5-18-15**

A/C N#	MAKE	MODEL	A/C S/N	HM	TTAF
8552R	Beech	F33A	CE-533	4988.32	10,398.3

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Checked lights, pitot heat and stall warning horn. Installed new fuel cap o-rings. Tested ELT I.A.W. F.A.R. 91.207(d). Installed a new ELT battery next due for replacement Aug. 2021. Measured shimmy dampener fluid, ok. Installed a new taxi light bulb and checked operation. Serviced tires, battery and brake reservoir. Cleaned, inspected and greased wheel bearings. Installed new left and right main tires and balanced. Performed the IFR certification test, next due May 2017. Made an altimeter calibration adjustment. Checked landing gear rigging to Beech specs. Adjusted left main gear uplock cable tension to specs and safetied. Adjusted left main gear uplock roller clearance to specs. Greased landing gear fittings. Washed aircraft. Lubed controls. Ran up and checked all systems operated normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock bolts and rollers by inspection and lubrication. Due again in 100 hrs. AD 95-04-03 Beech forward carry thru spar inspection is due at aircraft total time 10,789.8 hrs.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: James Finefield Printed Name: James Finefield AP 353483286 LA  
for Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

INSPECTION—MAINTENANCE—REPAIRS—ALTERATIONS

TYPE Beech F33A  
 REG. 8552R  
 S/N CE-533  
 HOBBS \_\_\_\_\_

**FINEFIELD AVIATION**

Lake In The Hills Airport

8399 Pyott Road

Lake In The Hills, 60156

F.A.A. APPROVED REPAIR STATION C03-40  
 AIRFRAME LOG BOOK INSERT

DATE 5-15-15

W.O. # 80186

T.T. \_\_\_\_\_

TACH \_\_\_\_\_

Serial #	Error	Altitude Reads	Error
0	-5	14,000	-35
500	-5	16,000	-20
1,000	0	18,000	-20
1,500	-5	20,000	-30
2,000	0	22,000	
3,000	-5	25,000	
4,000	-5	30,000	
6,000	-5	35,000	
8,000	-25	40,000	
10,000	-30	45,000	
12,000	-25	50,000	
HY 50%	+15	HY 40%	+20
Inter Effect	+25		

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91-411 law FAR 43, Appendix E have been performed:

Appendix E

Para (a) Static System 5-15-15 Date

Para (b) Altimeter(s)

Pilots ✓ C/P's \_\_\_\_\_ Alt \_\_\_\_\_

S/N ✓ S/N \_\_\_\_\_

Tested to 20,000 Feet

Date 5-15-15

Para (c) Integrated System Test 5-15-15 Date

Signature [Signature] W/O No. 80186

FINEFIELD AVIATION, INC.

Repair Station FP5R8SM

Lake In The Hills, IL 60102

815 - 459-4858

ATC Transponder Tests and Inspection as required by FAR 91-413 law FAR 43, Appendix "F", have been performed:

5-15-15 [Signature]  
 (date and signature)

FINEFIELD AVIATION INC.

Repair Station FP5R8SM

Lake In The Hills, IL 60102

[Signature]  
 King  
 KT96A





### Baker Aviation

333 South Street, New Smyrna, FL  
386-837-4073

Date:	05/23/16	ELT Battery Date	08/01/21
Registration:	N8552R	Engine Type	IO-550-B
Make/ Model:	F33	Serial Number	296585R
Serial Number:	CE-533	TTSMOH:	1938.58
Tach / Hobbs:	5018.48	TTIS:	1938.58
TTAF:	10428.58	Propeller Type	3A32C406C
		Serial Number	901664
		TTSMOH:	87.93
		TTIS:	?

Performed Annual Inspection in accordance with FAR 43 appendix D and the Bonanza 33, 35, & 36 Annual Long Form Inspection Guide, reissued March, 1985.

#### Maintenance Items Completed:

- Lubed landing gear system.
- Performed landing gear retraction check and set all clearances to factory specs.
- Inspected and lubed wing attaching bolts.
- Chocked rigging on all 3 axes. Lubed pulleys and cables.
- Replaced induction air filter with new BA-7112
- Replaced ship's battery with new Gill G-35 battery.
- Troubleshoot and repair fuel gauges.
- ELT tested & inspected in accordance with FAR 91.207. Battery due Feb 2015
- Performed Corrosion X treatment.

#### AD's Complied with

- AD 76-07-12 R1 Test Ignition Switch, next test due TTAF 10,528.53
- AD 07-08-08 Lubrication of Main Landing Gear Up-Lock rollers, next due TTAF: 10,528.58 or next Annual.
- AD 97-14-15 Inspected cabin door handle operation, next due TTAF: 10,528.58

#### Recurring AD's not due at this time:

- AD 93-04-03 Front Wing Spar Carry Through inspection. No Defects noted. Next inspection due TTAF: 10,789.8
- All other AD's researched through this date.

I certify that this AIRCRAFT has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

All work performed within manufacturers specifications. I approve this airplane for return to service.

Ryan Flynn A&P 3666952 IA

END

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

### FINEFIELD AVIATION

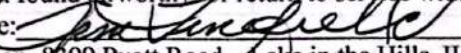
#### AIRFRAME LOG

**DATE: 8-16-16**

A/C N#	MAKE	MODEL	A/C S/N	TACH	TTAF
8552R	Beech	F33A	CE-533	5030.8	

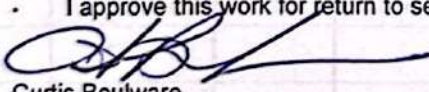
Serviced tires, battery and brake reservoir. Removed glareshield and right fuel gauge p.c. board. Installed a new p.c. board 2<sup>nd</sup> generation p/n: 58-364041, filled right fuel tank and calibrated fuel gauge at full by adjusting the p.c. board. Reinstalled glareshield. Removed cabin door stay, rebent, lubed, reinstalled and checked operation, checked ok.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

4-19-2017  
N8552R. CE-533  
Tach: 5073.46

- Removed right fuel sender. Replaced gasket and added additional isolation tape.
- Checked function and adjusted right fuel quantity gauge.
- Replaced fuel cap outer o-ring with new.
- I approve this work for return to service.

  
Curtis Boulware  
A&P 3232817 IA



**FINEFIELD AVIATION****AIRFRAME LOG****DATE:7-17-17**

A/C N#	MAKE	MODEL	A/C S/N	TACH	TTAF
8552R	Beech	F33A	CE-533	5085.1	10495.1

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Installed a new taxi light bulb and checked operation. Tested ELT I.A.W. F.A.R. 91.207(d). ELT battery due for replacement Aug. 2021. Cleaned fuel strainer screen, installed a new gasket, and safetied. Installed new fuel cap o-rings. Installed a new right-wing tip mirror. Adjusted the right fuel gauge at full quantity indication. Disassembled left brake caliper, cleaned parts and installed new o-rings. Serviced tires, battery and brake reservoir. Removed, cleaned, inspected and greased wheel bearings. Greased landing gear fittings. Checked gear rigging to Beech specs. Adjusted left main gear uplock cable tension to specs. Disassembled, cleaned, resealed and serviced compass and reinstalled. Removed shimmy dampener, disassembled, cleaned and installed new o-rings. Reassembled and serviced with 5606 and reinstalled. Tightened the right flap bumper. Performed the IFR certification tests, next due July 2019. Removed pilots right master cylinder, installed new seals and reassembled. Bled the right brake. Secured the center console with screws. Cleaned the pilot's vent window rim and installed a new seal. Lubed controls. Washed aircraft. Ran up and checked all systems operated normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock bolts and roller by inspection and lubrication. Due again in 100 hrs. AD 95-04-03 Beech forward carry thru spar inspection is due at aircraft total time 10,789.8 hrs. AD 2017-04-06 United Instruments altimeter D.N.A. due to not being replaced in last 3 years.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

**FINEFIELD AVIATION****AIRFRAME LOG****DATE:10-10-17**

A/C N#	MAKE	MODEL	A/C S/N	TACH	TTAF
8552R	Beech	F33A	CE-533	5107.9	

Serviced tires, battery and brake reservoir.

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858



YEAR:	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)
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DATE: 15 November, 2017  
A/C TSP  
TACH: 5108.6

MAKE: Beechcraft  
MODEL: F33a  
S/N: CE 533  
REG NO: N6552R  
WORK ORDER: 7100-11-2017



#### J.A. Air Center

Repair Station No. NF2R029L  
43W730 US RT 30  
Sugar Grove, Illinois 60554  
Phone: 630.584.3200

#### Airframe Entries

1 REMOVED:  
Removed King KT76A Transponder P/N 066-1620-00, S/N 106299.

#### INSTALLED:

Installed Honeywell/BendixKing KT74 Transponder with ADS-B Out in accordance with Peregrine STC SA00765DE with FAA Approved Model List (AML) Revision E, Dated March 3, 2015; Peregrine Installation Manual E-BK-13-0014, Revision M, dated December 1, 2014 or later approved revision, Master Drawing List, E-BK-13-0002, Rev N, dated December 22, 2014 or later FAA approved revision.

Installed Comant CI-105-16 antenna at F.S. 62.0

FAA Approved Airplane Flight Manual Supplement Document E-BK-13-0009 Rev B dated February 2, 2015 or later FAA approved revision, has been included with the aircraft paperwork.

This transponder was tested in accordance with 14 CFR Part 43 Appendix F with IFR, ATC-601-2 Test Set, for compliance with 14 CFR 91.413 this date.

This equipment has been ground checked and there were no adverse effects with any other aircraft system.

The weight & balance data, equipment list and airframe logbooks were revised to reflect this installation. Reference J.A. Air Center's Weight & Balance and Supplemental Equipment List for all part numbers, serial numbers, and equipment installed, or removed, and locations.

#### Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145.5424 under Work Order No. 7100-11-2017, Dated 15 November, 2017.

DATE: 15 November, 2017

SIGNED:

John A. Lowe  
Certified Repair Station No. NF2R029L

Work Order: 7100-11-2017

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

**FINEFIELD AVIATION**

**AIRFRAME LOG** **DATE: 7-24-18**

A/C N#	MAKE	MODEL	A/C S/N	TACH	TTAF
8552R	Beech	F33A	CE-533	5144.1	10554.1

I certify that this aircraft has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Checked lights, pitot heat and stall warning. Installed a new taxi light bulb and checked operation, checked ok. Installed a new compass light bulb and checked operation, checked ok. Disassembled compass, cleaned, reassembled with new seals and gasket, serviced and installed. Checked shimmy dampener reservoir level and found to specs. Cleaned fuel strainer screen, replaced gasket and safetied. Tested ELT I.A.W. F.A.R. 91.207(d). ELT battery due for replacement Aug. 2021. Installed new instrument filters. Installed a new left tire, balanced and reinstalled. Installed 2 new left and right brake linings. Checked gear rigging to Beech specs. Adjusted right main gear uplock roller to specs. Tightened left and right elevator trim tab bolts 1 castlation and safetied. Replaced left main gear inboard gear door rod end and checked rigging, checked ok. Washed aircraft. Ran up and checked all systems operated normal. C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Next due at handle removal. C/W AD 2007-08-08 Beech uplock bolts and roller by inspection and lubrication. Due again in 100 hrs. AD 95-04-03 Beech forward carry thru spar inspection is due at aircraft total time 10,789.8 hrs. S/B 32-4172 Beech master cylinders D.N.A. to copilot's LH s/n: 2543F and copilot's RH s/n: 3566F.

This aircraft has been found airworthy for return to service with respect to the work described herein.  
 Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
 For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858


[illegible]



YEAR:	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
<b>Finefield Aviation</b>				<b>AIRFRAME Log</b> Serv Date: 3/16/20 4123

Aircraft	Type	S/N:	Tach:	TSMOH:	TTAF:	Hobbs
8552R	Beech-F33A	CE-533	0	60.7	10620.1	5210.1

I certify this Aircraft has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condition, I.A.W. the Beech maintenance manual. Seat #4 reading light is inoperable. Cleaned the lamp contacts and checked operation, checked ok. | Disassembled the compass, reassembled with new seals and gasket, serviced with fluid, and reinstalled. | Tested ELT I.A.W. F.A.R. 91.207(d). ELT battery is due for replacement Aug. 2021. | Installed new fuel cap o-rings. | Cleaned fuel strainer screen, installed a new gasket and safetied. | Removed the copilot's right brake master cylinder core, cleaned, resealed, reassembled, reinstalled and bled brake. | Cleaned, inspected and greased wheel bearings. Serviced tires, battery and brake reservoir. | Installed new inlet and inline instrument air filters. | Installed a new throttle position switch and checked operation, ok. | Checked landing gear rigging to Beech specs. | Adjusted left and right main gear uplock clearances to Beech specs. | Adjusted right nose gear door in up position to specs. | Removed the rear seats, opened the rear spar carry through and unsafetied the aileron turnbuckle under the rear heat duct. Cleaned the cable swaged ends and turnbuckle detecting NO corrosion pitting. Resafetied the turnbuckle and treated all 3 turnbuckles under the rear spar carry through with LPS3 corrosion inhibitor. | Installed a new right flap actuator canvas cover. | Installed a serviceable landing gear box pedestal. See 337. | Adjusted cable tension to specs and safetied. | Installed a new right main gear up stop bolt and adjusted to specs. | Installed a new right aileron outboard static wick. | Installed a new right elevator outboard static wick. | Removed left pilot brake master cylinder, disassembled, cleaned, installed new o-rings, reassembled, reinstalled and bled brake. | Washed aircraft. | Ran up and checked all systems operated normal. | C/W AD 76-07-12 Beech switch by operation. Due again in 100 hrs. | C/W AD 97-14-15 Beech inspection of cabin door handle by operation. No due at handle removal. | C/W AD 2007-08-08 Beech uplock bolts and rollers by inspection and lubrication. Due again in 100 hrs. | C/W AD 2019-23-10 Inspection of right aileron cable connection under the right rear seat under the heat vent found no corrosion, resafetied and applied corrosion X to aileron turnbuckles at rear spar carry thru. | AD 95-04-03 Beech forward carry thru spar inspection is due at 10,789.8 hrs. Total airframe time or 5,379.8 hrs. tach time. |

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA  
For Finefield Aviation, 2399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

**Finefield Aviation****AIRFRAME Log**

Serv Date: 7/20/20

4212

Aircraft	Type	S/N:	Tach:	TSMOH:	TTAF:	Hobbs
8552R	Beech-F33A	CE-533	0	0	0	5236.2

Serviced tires, battery and brake reservoir. |

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature  Printed Name: James Finefield AP 353483286 IA

For Finefield Aviation, 6399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

4212

MAKE: Beechcraft  
MODEL: F33a  
S/N: E-2435  
REG. NO: N8552R  
WORK ORDER: 8785-04-2020

**J.A. Air Center**

Repair Station No. NF2R029L  
43W730 US RT 30  
Sugar Grove, Illinois 60554  
Phone: 630.584.3200

DATE: 08 May, 2020  
A/C TSN: 5220.03  
TACH: 5220.03

**Airframe Entries**

- 1 Found processor to have fault, removed old WX-1000+ PN/ 78-8051-9160-4 SN/ UXP11800705 and replaced with repaired WX-1000+ PN/ 78-8051-9160-4 SN/ JXP08803806 in compliance with Stormscope WX-1000 Installation and Maintenance Manual #78-8060-5820-8 Dated May1988.
- 2 Updated database to the latest cycle 2005.

**Maintenance Release**

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA.145 5424 under Work Order No. 8785-04-2020, Dated 08 May, 2020.

DATE: 08 May, 2020

SIGNED:

Mark Herrmann

Certified Repair Station No. NF2R029L

Work Order: 8785-04-2020

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2020

# Finefield Aviation

## ENGINE Log

**Serv Date: 7/20/20**

4212

Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 10 qts. 20W50 XC Phillips oil and 1 pint of Camguard. | Ran up and checked for leaks found none. |

This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: James Finefield Printed Name: James Finefield AP 353483286 IA

For Finefield Aviation 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

4212

[illegible]

YEAR: 2021 DATE	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.)
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<b>Finefield Aviation</b>	<b>AIRFRAME Log</b>	Serv Date: 7/20/21	4543
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Aircraft	Type	S/N:	Tach:	TSMOH:	TTAF:	Hobbs
8552R	Beech-F33A	CE-533	5294.3	144.9	10704.3	5294.3

I certify this Aircraft has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condition, I.A.W. the Beech maintenance manual. Greased landing gear fittings. | Removed wheels, cleaned, inspected and greased bearings. | Removed fuel strainer screen, cleaned and reinstalled with new gasket and safetied. | Serviced and installed a new Gill G-35 battery s/n:G03111289. | Checked landing gear rigging to Beech specs. | Installed a new ELT battery and tested I.A.W. F.A.R. 91.207(d). ELT battery next due for replacement Sept. 2028. | Lubed controls. | Washed aircraft. | Ran up and checked all systems operated normal. | C/W AD 76-07-12 Bendix switch by operation. Due again in 100 hrs. | C/W AD 97-14-15 Beech inspection of cabin door handle by operation. Due again at next handle removal. | C/W AD 2007-08-08 Beech uplock bolts and rollers by inspection and lubrication. Due again in 100 hrs. | AD 95-04-03 Beech forward carry thru spar inspection is due at 10,789.89 hrs. total time or 5379.8 hrs. tach time. |

This aircraft has been found airworthy for return to service with respect to the work described herein.	
Authorized Signature: <i>James Finefield</i>	Printed Name: James Finefield AP 353483286 IA
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858	




**Mobile Avionics Technologies Inc.**  
 (815) 459-0445 W WW Avionics-Technologies.com

Date: 3-20-20 No: 85524 Work Order No: 8970

I certify that the static system checks required by 14 CFR Part 91.411 have been performed this date and found to comply with 14 CFR Part 43, Appendix E para A

WBS

Signed for CRS 3M4R3251C

I certify that the ATC Transponder test and inspections required by 14 CFR 91.413 were performed this date and found to comply with 14 CFR Part 43 Appendix E para F

Transponder #1

Transponder #2

Make: Bendix KW6 Make: K  
 Model: KT24 Model: K  
 Serial No: 01934 Serial No:

Signed for CRS 3M4R3251C

WBS

I certify that the automatic pressure altitude reporting system checks required by 14 CFR Part 91.217 and 14 CFR part 91.411 have been performed and found to comply with 14 CFR Part 43 appendix E, para C

Encoder #1

Encoder #2

Make: Teasdale Make:   
 Model: SSD120 Model:   
 Serial No: W AC Serial No: X  
 TXP SN: 01984 TXP SN:

Signed for CRS 3M4R3251C

WBS

**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.)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
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				<p><b>Mobile Avionics Technologies Inc.</b> (815) 459-0446 WWW.Avionics-Technologies.com</p> <p>Alt Model: <u>441TCB</u> NH <u>85522</u> Alt Serial # <u>582741</u> - <u>46102</u> WO# <u>8970</u></p> <p>Alt tested to: <u>20.000</u> Date: <u>3-9-20</u></p> <p>I certify that the altimeter checks required by 14CFR 91.411 have been performed this date and found to comply with FAI part 43, Appendix E, paragraph B</p> <p>Signed for CRS No 3M4R325C <u>WQZ</u></p> <table border="1"> <thead> <tr> <th colspan="4">Location:</th> </tr> <tr> <th>Alt Reads Tol</th> <th>Error</th> <th>Alt Reads Tol</th> <th>Error</th> </tr> </thead> <tbody> <tr> <td>-1000</td> <td>20</td> <td>-10</td> <td>100</td> </tr> <tr> <td>0</td> <td>20</td> <td>-10</td> <td>105</td> </tr> <tr> <td>500</td> <td>20</td> <td>0</td> <td>110</td> </tr> <tr> <td>1000</td> <td>20</td> <td>0</td> <td>120</td> </tr> <tr> <td>1500</td> <td>25</td> <td>0</td> <td>130</td> </tr> <tr> <td>2000</td> <td>30</td> <td>0</td> <td>140</td> </tr> <tr> <td>3000</td> <td>30</td> <td>10</td> <td>155</td> </tr> <tr> <td>4000</td> <td>35</td> <td>0</td> <td>180</td> </tr> <tr> <td>6000</td> <td>40</td> <td>10</td> <td>205</td> </tr> <tr> <td>8000</td> <td>60</td> <td>10</td> <td>230</td> </tr> <tr> <td>10000</td> <td>80</td> <td>20</td> <td>255</td> </tr> <tr> <td>12000</td> <td>90</td> <td>30</td> <td>280</td> </tr> <tr> <td>HY 50%</td> <td>75</td> <td>10</td> <td>75</td> </tr> <tr> <td>HY 40%</td> <td></td> <td></td> <td>10</td> </tr> <tr> <td>After Effect</td> <td>30</td> <td>0</td> <td></td> </tr> <tr> <td>Scale Error</td> <td></td> <td></td> <td>0C</td> </tr> <tr> <td>Hysteresis</td> <td></td> <td></td> <td>0C</td> </tr> <tr> <td>After Effect</td> <td></td> <td></td> <td>0C</td> </tr> <tr> <td>Friction</td> <td></td> <td></td> <td>0C</td> </tr> <tr> <td>Case Leak</td> <td></td> <td></td> <td>0C</td> </tr> <tr> <td>Barometer Scale Error</td> <td></td> <td></td> <td>0C</td> </tr> </tbody> </table>	Location:				Alt Reads Tol	Error	Alt Reads Tol	Error	-1000	20	-10	100	0	20	-10	105	500	20	0	110	1000	20	0	120	1500	25	0	130	2000	30	0	140	3000	30	10	155	4000	35	0	180	6000	40	10	205	8000	60	10	230	10000	80	20	255	12000	90	30	280	HY 50%	75	10	75	HY 40%			10	After Effect	30	0		Scale Error			0C	Hysteresis			0C	After Effect			0C	Friction			0C	Case Leak			0C	Barometer Scale Error			0C
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N 8552R

Altitude	Scale Error	Tol #	Friction #	Case Leak 18,000' 0" $\pm 10'$
-1000	0	20	-	Hysteresis $\pm 75'$
0	0	20	-	Altitude
500	0	20	-	40% 8000
1000	0	20	30 70	50% 10000 18
1500	0	25	-	After Effect 10 $\pm 30'$
2000	0	30	30 70	Barometric Scale Difference
3000	0	30	30 70	28.10 = 1120 -1727
4000	0	35	-	28.50 = 1340 -1340
5000	0	-	30 70	29.00 = 865 -863
6000	0	40	-	29.50 = 340 -392
8000	0	60	-	29.92 0 0
10000	-30	80	40 80	30.50 530 531
12000	-30	90	-	30.80 840 893
14000	-30	100	40	30.99 970 974
15000	-30	-	40 80	Altimeter S/N 46102
16000	-30	110	-	Make Model Part # United 59344
18000	-30	120	40 100	Master Altimeter P/N & S/N 124-00006/418254
20000	-60	130	-	Date Tested 9/21/22
				Technician [Signature]
				Certificate # JL5R476X

Tested in compliance with FAA FAR 33 Appendix E  
 Calibrated to 20 Fl. W.O. # 15538

Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X  
 386-787-6763

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N8552R

The tests required by FAR 91.411, 91.413, & 91.217 have been performed in accordance with FAR 43 appendix E paragraphs (a), (b), & (c) and appendix E.

pendix  
WO# RS538

Tested to 20 ft

Altimeter Model 5934P-1 s/n 46102

Transponder KT74 s/n OP134

Altitude Reporter SSD 60-XA s/n A43821

Static System (plot) ok

Signed [Signature] Date 9-21-22

Volusia Aviation, Inc. 386-767-6763 FAA CRS # JL5R476X