

Book 2

Blue	14711	Deltan
Red	70837	Deltan
White	45414	Inron

AIRCRAFT DESCRIPTION

MANUFACTURER Cessna MODEL 414A DATE OF MFG. 1978

SERIAL NUMBER 414A-0070 REGISTRATION NUMBER N 4680N

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.169 ANNUAL/100 HOUR

F.A.R. 91.71 PROGRESSIVE

F.A.R. 91.217 SUBPART D

F.A.R. 135.60 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Continental	TS10-520-N	R 228088 R L 514517
PROPELLER	McCawley		R 774754 L 783807

2-17-87

Installed this date Foster LRN 500 and NY154 antenna. These units were installed as per manufacturer's installation instructions and pertinent parts of AC 43.13 parts 1 and 2, also with the provisions of AC 20-121. The Aircraft papers have been amended and corrected. Aircraft to be weightied.

3-6-87 NEW EMPTY WT CoG = 155.67
 NEW A/C EMPTY WT = 4898.0
 NEW USEFUL LOAD = 1852.0

Kevin Snier
 Aertronics III
 CRS 3167B
 Missoula, MT

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
<p>I certify that the Altimeter, Automatic Pressure Altitude reporting system and the static system Tests required by FAR 91.171 have been performed and found to comply with FAR 91.171. The Altimeter and Automatic Pressure Altitude reporting system have been tested to <u>35K</u></p>							
<p><u>Kevin H. Hovine</u> AEROTRONICS, INC. III MISSOULA COUNTY AIRPORT MISSOULA, MT CRS 3167B DATE <u>1-8-87</u></p>							
<p>^{Date} Installed this Co-pilot altimeter #N5E771 #N5734PA1A86 022588 I certify that the altimeter, automatic pressure altitude reporting system and the static system tests required by FAR 91.171 have been performed and found to comply with FAR 91.171, Leak test good.</p>							
<p>Kevin H. Hovine Aertronics III CRS 3167B Missoula, MT</p>							

DA

ALTIMETER SEAL THERM

DATE 15 Aug 70Co-pilot sideNomenclature
ALTIMETER PRESSURE

SERIAL NO.

N4680NCHECK
REDAPPROVED BY:
AGENCY CERT. NO.

Test PT (PSI)	Indicator Readings at + 25°C	Test PT (PSI)	Indicator Readings at + 25°C	Test PT (PSI)	Indicator Readings at - 25°C
1000	-10	8,000	+20	30,000	+30
500	-15	10,000	+15	32,000	
300	-15	12,000	+15	35,000	
1000	-15	14,000	+5	40,000	
1500	-20	15,000	+5	45,000	
2000	-15	16,000	+20	50,000	
3000	-10	18,000	+20	55,000	
4000	-5	20,000	+10	60,000	
5000	+0	22,000	+20	70,000	
6000	+20	25,000	+35	80,000	

12000		
14000	-	
16000	-	
18000	+20	
20000	+20	
22000	+20	

DATE:

7-17-90TESTED
BY:SMINSPECTED
BY:MD

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
1-3-87						
<p>I CERTIFY THAT THE TRANSPONDER TEST AND INSPECTION AS REQUIRED BY FAR 91.172 HAS BEEN PERFORMED, AND TESTED, THE TRANSPONDER SYSTEM HAS BEEN FOUND TO COMPLY WITH FAR 43 APP. F</p>						
						<p>Kevin Cronier AEROTRONICS III CRS 3167B</p>
<p>7-9-87 Installed this date Pace FM radio SM-1645, IDX CR-145A voltage converter and antenna Lensen. These units were installed as per manufacturers installation instructions and pertinent parts of AC 43.13 parts 1 and 2. The aircraft papers have been amended and corrected.</p>						
						<p>Kevin Cronier Aerotrionics III CRS 3167B Missoula, MT</p>

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
12-7-87						<p>Installed this date King KX-155, KT-209 and CI-122 comm antenna. These units were installed as per manufacturer's installation instructions and pertinent parts of AC 43:13 parts 1 and 2. The Aircraft paper have been amended and connected. See Aertronics Supplement this date.</p> <p>Kevin Francis Aertronics III CRS 3167B Missoula, MT</p>

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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12-23-87

INSTALLED THIS DATE 3M (RYAN) WX-8 STORM SCOPE AND WX-8 STORM SCOPE ANTENNA. THESE UNITS WERE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PERTINENT PARTS OF AC43:13 PARTS 1 AND 2. THE AIRCRAFT PAPERS HAVE BEEN AMENDED AND CORRECTED. SEE AEROTRONICS SUPPLEMENT THIS DATE.

Kevin Homan
 AEROTRONICS III
 CRS 3167B
 MISSOULA, MT

F.A.R. 43.7

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
2-1-87	2227.5	W.O. 3327 Modified Rt engine mount 1/4 in	
		MEB 85-3R1 & AD 85-13-03 R2 by installing SK 414-19A	
		Left engine must be radiographic inspected at 11657 hrs	
		and rt engine mount at 11827.5 hrs. Heater decay test	
		& 100 hr insp. accomplished at this time. Heater Humidator	
		installed & reads 0.0 hrs. This is in compliance with AD 82-07-07	
		Repaired both engine side cowls. Repaired taxi light and	
		Rt landing light wiring, replaced rt nav light bulb & tail light	
		bulb. Patched outbd ends of stab. deice heat. Replaced	
		alt tail cone bulkhead with factory new part. Replaced	
		Lt prop deice brushes. Repaired suction ppg glass. Replaced	
		ELT battery, next replacement due Oct. '89. Cleaned	
		outflow valves. Rerigged flaps. Replaced fuel cap	
		O-rings. Replaced aux. power plug door. Replaced nose	
		wheel bearing races. Repaired LH cabin press. air control	
		Adjusted alternate air cables. Engine exhausts inspected	
		as per AD 75-23-08	Ray A. Stanger CRS 205-2

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
3/6/87		REWEIGHED AIRCRAFT AT THIS TIME	
		FOR F.A.R. 135.185 COMPLIANCE.	
		NEW EMPTY WT. COP G = 155.67	
		NEW A/C EMPTY WT = 4898.0	
		NEW USEFUL LOAD = 1852.0	
		Mike Wondt CR5 Nos 2	
3-6-87	2236	Rebuilt aileron, rudder + elevator trim	
		actuators. Also done 414A maintenance	
		manual. replaced rear bearing in elevator	
		actuator. Rerigged + ck'd all controls upon	
		ready. High. things CR5 Nos 2	
5-8-87	2255	Remove + replace battery. John Tom	
		W.O. 3586	CR505-2
		END	
6-25-87	2262.4	Installed Propellers after overhaul.	
		Ord Run, Chko goods	
		James W. Carey	
		Empire Airways	CR505-2-

F.A.R. 43.7

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
7-9-87	2262.4	Modified Aircraft for Air Ambulance	
		Use. as per Empire Airways Drawing # 87-01 thru	
		87-05. See 337 this date and W.O. # 3624	
		New weight + Balance in this configuration	
		is as follows:	
		A.C.E.W. 4920.5	
		E.W.C.G. 155.82	
		Useful load 1829.5	
		All air ambulance gear per above drawings is	
		installed at this time.	Roy A. Steingard
			CKS 105-2
12487	H.M 2466	Install 3 in one Engine gear.	
		Rt Hand Position	James W Casey
			CKS 105-2

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	1-6-88	Aircraft Total Time I certify that the Transponder Test & Inspection required by F A R 91.172 has been performed and found to comply with F A R 43, Appendix F. <i>Karin Truier</i> Signed	
		AEROTRONICS INC. III CRS # 3167B	
2-10-88		Hubbs reads 2523.3 Installed overhauled Static inverter ^{new} + AN 494-1 slw 1205 ops check ok Johnson CRS DOS-2 - ENP	
2-12-88	Hubbs 2523.3	Installed bracket PIN 9317002-2, bracket pin 9317002-3 and panel 5131000-54 in vertical fin to facilitate relocating flux valve in vertical fin as per late design installations due to vibration damage to valves installed in horizontal stabilizer. Unit to be relocated & calibrated by Aerotrronics III.	<i>Ray H. Stinson</i> CRS DOS-2

Serviceable Part Tag

DATE OF COMPLETION AIRCRAFT TIME IN SERVICE OR APPROXIMATED

~~EMPIRE AIRWAYS
BOX 4 5225 HWY 10 WEST
JOHNSON-BELL FIELD
MISSOULA, MONTANA 59802~~

~~DATE 5-19-88 WORK ORDER NO. 4209~~

~~TACH TIME TOTAL TIME SMOH~~

~~I CERTIFY THAT THIS HAS BEEN INSPECTED IN
ACCORDANCE WITH A INSPECTION & WAS
DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT
DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.~~

~~CERT. NO.~~

FAA REPAIR STATION NO. D05-2

7-5-88 Hobbs 2770.6 Replaced Cabin Altitude gage PIN 30000104J11
Removed s/n W11349 installed s/n 18457

9-30-88 Hobbs 2874.9 Replaced LH fuel boost pump 287-29
installed s/n 12M778 removed s/n 10AB248

Ray A. Stinger CRS No 2
Ray A. Stinger CRS No 2

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
EMPIRE AIRWAYS BOX 4 5225 HWY 10 WEST JOHNSON BELL FIELD MISSOULA, MONTANA 59802			
DATE	WORK ORDER NO:		
TACH TIME	TOTAL TIME	SMOH	
I CERTIFY THAT THIS _____ HAS BEEN INSPECTED IN ACCORDANCE WITH A _____ INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.			
	CERT. NO.		
FAA REPAIR STATION NO. D05-2			

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F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
NOVEMBER 29 1988		<p>THIS AIRCRAFT N4680N C-414A S/N 0070 INSTATED ON ROCKY MOUNTAIN HELICOPTERS OPERATING CERTIFICATE. THIS LOG BOOK IS NOW DISCONTINUED TOTAL TIME AIRFRAME 2961.0 HOBBS READS 2961.0 TOTAL TIME RIGHT ENG 2211.5 TSOH 734.0 TOTAL TIME LEFT ENG 3309.0 TSOH 904.0 SEE ROCKY MOUNTAIN HELICOPTERS DAILY LOG FOR FURTHER ENTRIES.</p>	

Date Nov. 29, 1988 N 4680N Make: CESSNA Model: 414A
 S/N: 414A0070 Tach: 2961.0 Total Time: 2961.0

The AIRCRAFT identified herein has been repaired and inspected in accordance with current FAA regulations and is approved for return to service.

Portant details are on file at this agency under W.O.# 90030.

Authorized Signature: 

ROCKY MOUNTAIN HELICOPTERS, INC. Provo Municipal Airport
 Provo, U.T. (801) 373-0540 FAA Certified Repair Station D-07-1

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4/10/90	HM READS 3260.6	AIRCRAFT Removed FROM Progressive	
		INSPECTION PROGRAM THIS DATE. FOR INFORMATION	
		FROM 11/29/88 TO 10/09/89 See Rocky Mountain	
		Helicopters Daily Log ENTRIES. AIRFRAME TT 3260.6	
		LH ENG TT 2511.1 RH ENG TT 3608.6	
		LH ENG TSOH 1033.6 RH ENG TSOH 1203.6	
		INSTALLED LIFEPORT STRETCHER SYSTEM. See FAA	
		FORM 337 DATED 4/10/90. WEIGHT + BALANCE AMENDED.	
		INSPECTED + LUBED FLIGHT CONTROLS. LUBED LANDING	
		GEAR. PERFORMED LANDING GEAR BLOW DOWN TEST.	
		REPACKED WHEEL BEARINGS. SERVICED BRAKES + BATTERY.	
		CLEANED FUEL SCREENS. FLT BATTERY DUE 9/91	
		AD 90-02-13 (LANDING GEAR STRUT BEARING) DUE 3543.9	
		I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN AN	
		AN ANNUAL INSPECTION AND WAS DETERMINED TO	
		BE IN AIRWORTHY CONDITION.	
		Guy D. Tamm	AIP 233705442IA

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4/25/90	ACFT TT 3272.0	Replaced RH Landing Light Assy.	
		WITH OLD Light Assy FROM AERO Electric Inc.	
		PIN 45-0148-9RX, Jany L. Tansil ATP 233705442	
5/04/90	ACFT TT 3282.4	Installed upholstery PROTECTIVE	
		panel ON RH side OF Fuselage FROM STATION 167 TO	
		STATION 264. Replaced CABIN Altitude DIFF/pressure	
		INDICATOR with INDICATOR FROM Castelberry Insts.	
		PIN 30000104J11 SIN 18818.	
		Jany L. Tansil ATP 233705442	
5/16/90	ACFT TT 3294.6	CW AD 90-02-13 IAW MEB 88-7 B4	
		Replacng INNER BEARINGS PN 514109-1 ON LH+RH	
		main Landing Gear struts. Installed all new seals	
		+ packings, serviced struts + performed retraction.	
		Replaced ACFT Battery with New Battery Gill PN 6-246	
		SN G-1077961. Replaced LH Landing Light Assy. with old	
		unit FROM Aero Electric PIN 45-0148-10RX, SN ALL-1431.	
		Jany L. Tansil ATP 233705442	

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/25/90	ACFT HM	Reads 3294.6 Installed LIFEPORT stretcher system and life support headboard. see FAR FORM	
	357	dated 5/23/90. ACFT weight + Balance and Equipment list supplemented. Guy L. Tamm AP233705442 IA	
06/22/90	ACFT HM	Reads 3309.9 PERFORMED 50 HR INSP. TOW CESSNA 414A SERVICE MANUAL.	
		Guy L. Tamm AP 233705442	
6/29/90	3315.0 ^{Hobbs}	Removed Pilot's attitude indicator + replaced with serviceable unit. Removed DH-866A ser. # 1488. Installed ser. # 1208. Defective unit returned for O/H.	
		Joe Huntman IA 504824020	
7/13/90	3323.5 ^{Hobbs}	Removed pilot's attitude indicator & replaced with original unit after repairs. Removed ser # 1208. Replaced with DH-866A ser. # 1488. Joe Huntman IA 504824020	

N4680N SN414A0070 F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
8/03/90		ACFT HM Reads 3360.3 Inspected + Lubed Flight Controls, Inspected + Lubed Landing Gear, Repacked wheel bearings, Cleaned Fuel Screens, Serviced Battery + Brakes, Replaced Vacuum Filters P/N RAB3-5-1, Replaced Induction Air Filters P/N BA-22, Next Due AT 3560.3 HRS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. Gary L. Tansell AIP 233705442	
8/30/9 8/30/9		ACFT HM Reads 3406.7 Replaced LH + RH Ventilitating Air Blower motors with new motors from Pirimotive Products P/N 4789, Ops OK Good. Gary L. Tansell AIP 233705442	
8/31/90		ACFT HM Reads 3410.7 Performed 50 HR Insp. IAW Cessna 440P Service Manual. Gary L. Tansell AIP 233705442	
9/29/90		HM Reads 3450.0 Installed New Lift Detector P/N 186-14 SN 1474 Ops OK OK Gary L. Tansell AIP 233705442	

N 4680N SN 414A0070 F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
10-19-90	HM Reads 3459.1	TT 3459.1 INSPECTION. INSPECTED + LUBED FLIGHT CONTROLS. CLEANED FUEL FILTERS. REPACKED WHEEL BEARINGS. INSPECTED + LUBED LANDING GEAR. PERFORMED RETRACTION TEST. SERVICED BATTERY, BRAKES + HYD SYSTEM. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN W A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION.	PERFORMED 100 HR
10-20-90	HM Reads 3459.1	Replaced RH Fuel Boost pump with New Airborne Pump mod # 2B7-29 SN 08AF000120 OPS CK + LEAK CK GOOD. GUY L. TAVOIL A/P 233705442	
10-24-90	HM Reads 3467.2	Replaced Failed LIFT DETECTOR PN 186-14 SN 1474 with Rebuilt unit PN 186-14 SN 148 OPS CK OK, GUY L. TAVOIL A/P 233705442	
CONTINUED IN BOOK #3			

This Altimeter/Static altitude reporting system
has been inspected & tested in A/W FAR 91.171
and found to comply with FAR Part 43 Appendix
E, to 30 USC

Date 08/14/90

Signed M. Satnan for
SATNAN AVIONICS CRS 3460
SIOUX FALLS, SD

This Transponder has been tested in A/W FAR 43
Appendix E @ 91.172 08/14/90

Signed M. Satnan
SATNAN AVIONICS CRS 3460
SIOUX FALLS, SD.

ED AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

08/14/90
Removed encoding altimeter & repl
w/30kft altimeter & 35kft Blind encoder
w/ & bal charge negligible. see 337
dtd this date CRS 3460
M. Satnan

log book entry for C414 N4680N

DATE AIRCRAFT TIME IN SERVICE KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

EMPIRE AIRWAYS
BOX 4 5225 HWY 10 WEST
JOHNSON-BELL FIELD
MISSOULA, MONTANA 59802

DATE 2-1-87 WORK ORDER NO. 3327
TACH TIME 2227.5 TOTAL TIME 2227.5 SMOH ---

see maintenance section
this date for details
of work performed.

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN
ACCORDANCE WITH A Annual INSPECTION & WAS
DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT
DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.

Ray H. Stinger CERT. NO. CRS 105-2

EMPIRE AIRWAYS
BOX 4 5225 HWY 10 WEST
JOHNSON-BELL FIELD
MISSOULA, MONTANA 59802

FAA REPAIR STATION NO. D05-2

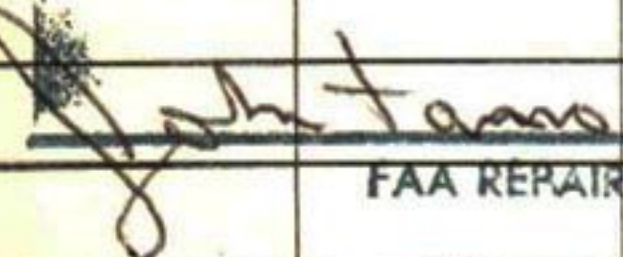
Removed and replaced left tire.
Both O² landing gear blow down
bottles were hydrostatic
tested - ENV

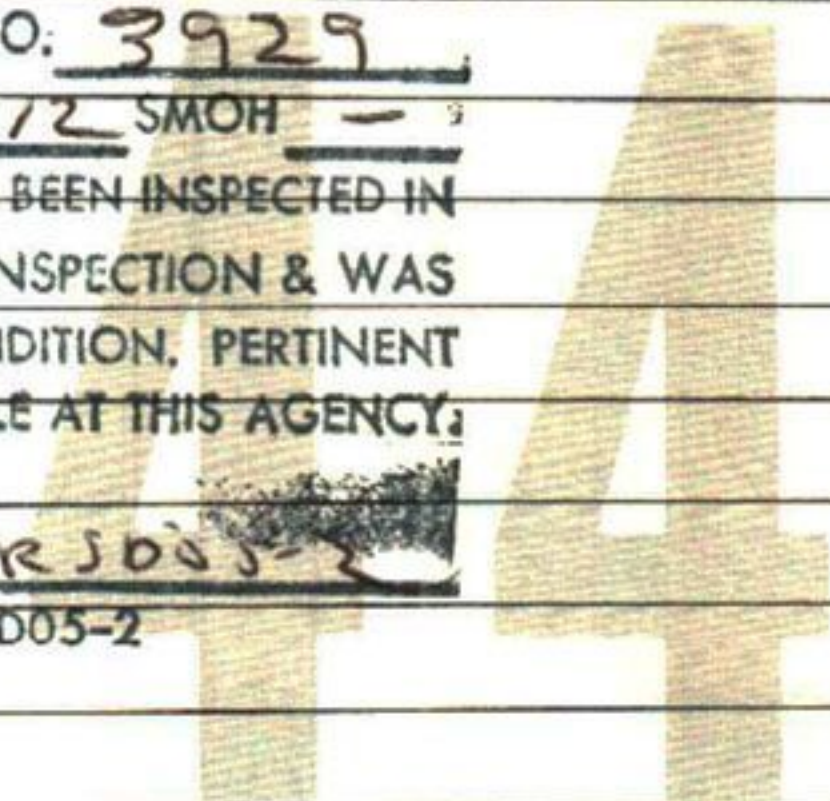
DATE 8-20-87 WORK ORDER NO. 3798
TACH TIME 2322 TOTAL TIME 2322 SMOH ---

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN
ACCORDANCE WITH A Annual INSPECTION & WAS
DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT
DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY:

[Signature] CERT. NO. CRS 105-2

FAA REPAIR STATION NO. D05-2

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
EMPIRE AIRWAYS BOX 4 5225 HWY 10 WEST JOHNSON-BELL FIELD MISSOULA, MONTANA 59802		Greased all wheel bearings, Jacked Aircraft and cycled gear. ENB
DATE <u>10-28-87</u>	WORK ORDER NO: <u>3929</u>	
TACH TIME <u>2412</u>	TOTAL TIME <u>2412</u>	SMOH <u>-</u>
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.		
	CERT. NO. <u>CR 5005-2</u>	
FAA REPAIR STATION NO. D05-2		



F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	EMPIRE AIRWAYS BOX 4 5225 HWY 10 WEST JOHNSON-BELL FIELD MISSOULA, MONTANA 59802	Complied with AD 80-09-10 Sanitrol heater 100 hour. next compliance due at 275.0
DATE <u>1-22-88</u>	WORK ORDER NO. <u>4040</u>	heater hours. Cleaned
TACH TIME <u>2509.3</u>	TOTAL TIME <u>2509.3</u>	SMOH
I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.		out Flow valve. Replaced hydraulic Filter.
CERT. <u>Roy A. Stinger</u> NO. <u>CRS 105-2</u> FAA REPAIR STATION NO. D05-2		

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
EMPIRE AIRWAYS BOX 4 5225 HWY 10 WEST JOHNSON BELL FIELD MISSOULA, MONTANA 59802		<p>Greased wheel Bearings checked hydraulics - Gear Retractor check, changed left gear outer wheel half. C/W AD 82-07-03 on Wing 100hr + decay test. Checked O.K. <i>JF</i></p>
DATE <u>4-13-88</u> TACT TIME <u>2608</u>	WORK ORDER NO. <u>4101</u> TIME TIME <u>2608</u> - SMOH	I CERTIFY THAT THIS aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH <u>annual</u> INSPECTION & WAS DETERMINED TO BE IN <u>GOOD</u> CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.
<i>James W. Clary</i> NO. <u>CR5005-2</u>		CERT. NO. <u>CR5005-2</u>

4-28-89 Hobbs 2644.7 This aircraft placed on Cessna Progressive Care. Record all maintenance & repairs in the normal aircraft & engine logs. Record inspections in the Cessna Progressive Log book. *Royd. King CR5052*

5-288 Hobbs 2644.7 C/W A.D. note -87-21-02 by Install Kit no. 531-037 *James W. Clary CR5005-2*

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
<p>EMPIRE AIRWAYS BOX 4 5225 HWY 10 WEST JOHNSON-BELL FIELD MISSOULA, MONTANA 59802</p>		<p>DATE <u>5-19-88</u> WORK ORDER NO. <u>4209</u> TACH TIME <u>2659.8</u> TOTAL TIME <u>2659.8</u> SMOH <u>-</u> I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Prog #1</u> INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.</p>
<p><u>Johnstone</u> FAA REPAIR STATION NO. D05-2</p>	<p>CERT. NO. <u>C25005-2</u></p>	<p>EMPIRE AIRWAYS BOX 4 5225 HWY 10 WEST JOHNSON-BELL FIELD MISSOULA, MONTANA 59802</p>
		<p>DATE <u>6-10-88</u> WORK ORDER NO. <u>4238</u> TACH TIME <u>2710</u> TOTAL TIME <u>2710</u> SMOH <u>-</u> I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Prog #2</u> INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.</p>
		<p>CERT. <u>Johnstone</u> NO. <u>C25005-2</u> FAA REPAIR STATION NO. D05-2</p>

F.A.R. 43.11 - 91.21/

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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EMPIRE AIRWAYS
 BOX 4 5225 HWY 10 WEST
 JOHNSON-BELL FIELD
 MISSOULA, MONTANA 59802

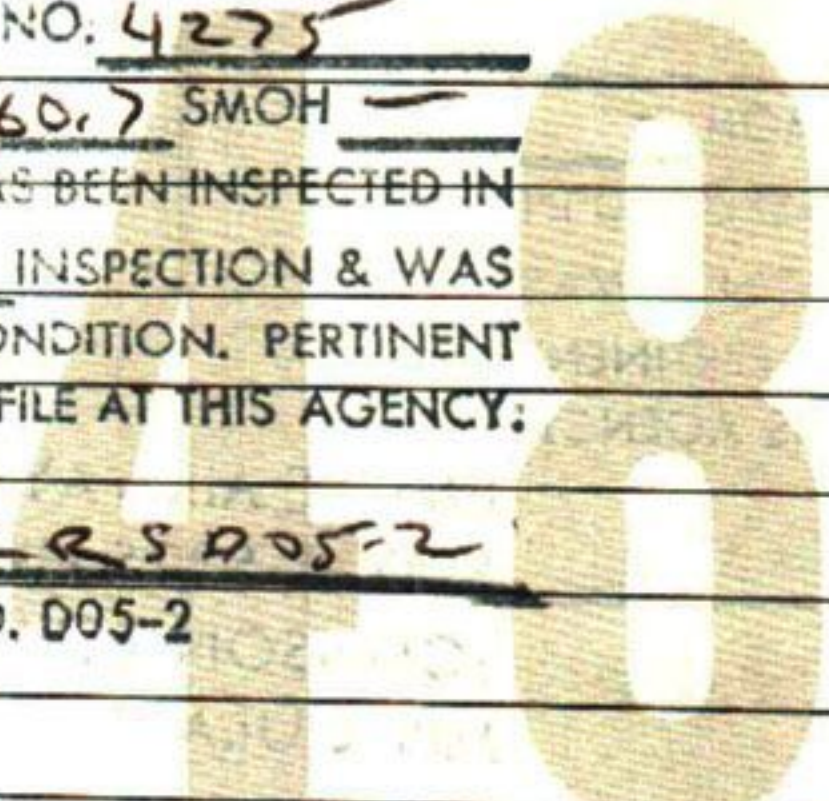
Performed heater decay test
 next due at 466 heater hops

DATE 6-30-88 WORK ORDER NO. 4275

TACH TIME 2760.7 TOTAL TIME 2760.7 SMOH —

I CERTIFY THAT THIS ~~AIRCRAFT~~ PROJ 3 HAS BEEN INSPECTED IN
 ACCORDANCE WITH A PROJ 3 INSPECTION & WAS
 DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT
 DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY:

John Tam
 CERT. NO. CRS 005-2
 FAA REPAIR STATION NO. 005-2



KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME IN SERVICE

EMPIRE AIRWAYS

BOX 4 5225 HWY 10 WEST

JOHNSON-BELL FIELD

MISSOULA, MONTANA 59802

Cleaned AirFrame Fuel strainers.

Removed & replaced left boost pump

old # 2B7-29 5/21 F35 new # 2B7-51R

3/21 10AB248 sprchets ok - end -

DATE ~~8-4-88~~ WORK ORDER NO. 41356

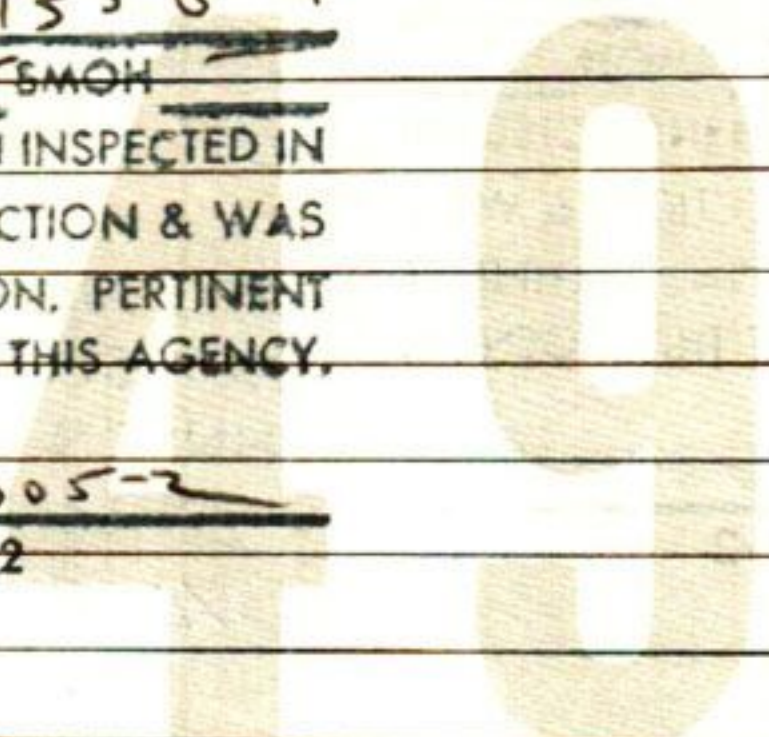
TACH TIME ~~2803.5~~ TOTAL TIME ~~2803.5~~ BMOH

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 95054 INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.

CERT.

NO. CR5005-2

FAA REPAIR STATION NO. D05-2



DATE

AIRCRAFT TIME IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

EMPIRE AIRWAYS
BOX 4 5225 HWY 10 WEST
JOHNSON-BELL FIELD
MISSOULA, MONTANA 59802

DATE 9-19-88 WORK ORDER NO. 4468
TACH TIME 2852.5 TOTAL TIME 2852.3 SMOH —

I CERTIFY THAT THIS ~~AIRCRAFT~~ aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A Presⁿ 1 INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.

John Jans CERT. NO. CRS 005-2
FAA REPAIR STATION NO. D05-2

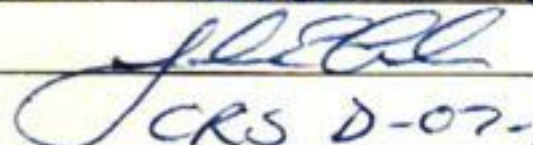
10-18-88 changed Hydraulic filters. 1000hr Insp on wing stub & wing spar structure Insp. 12hr Insp on wing tank structure. Inspection of Gear Turninw.

EMPIRE AIRWAYS
BOX 4 5225 HWY 10 WEST
JOHNSON BELL FIELD
MISSOULA, MONTANA 59802

DATE 10-18-88 WORK ORDER NO. 4570
TACH TIME 2905.6 TOTAL TIME 2905.6 SMOH —

I CERTIFY THAT THIS ~~aircraft~~ aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A #2 Pres INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.

James Ray CERT. NO. CRS D05-2

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
EMPIRE AIRWAYS BOX 4 5225 HWY 10 WEST JOHNSON-BELL FIELD MISSOULA, MONTANA 59802		Replaced instrument air filter. Replaced tail nav. life bulb end.
DATE <u>11-8-88</u>	WORK ORDER NO. <u>4601</u>	
TACH TIME <u>2958.9</u>	TOTAL TIME <u>2958.9</u>	SMOH <u>—</u>
I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Req^d 3</u> INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.		
<u>Johnston</u>	CERT. NO. <u>CRS D05-2</u>	FAA REPAIR STATION NO. D05-2
Nov. 29 1988 THIS LOG DISCONTINUED FOR FURTHER ENTRIES SEE ROCKY MOUNTAIN HELICOPTERS DAILY LOG.		
 CRS D-07-1		
NOTE. SEE ALSO PAGE 37 FOR INSPECTIONS CONDUCTED AFTER ROCKY MT. HELICOPTER PROGRESSIVE INSPECTIONS.		