

AIRCRAFT LOG #1

N934PH



MAINTENANCE RELEASE

TYPE OF UNIT

Propeller

back 185 hrs
& TOTAL

MANUFACTURER

Hartzell

MODEL

HC-C2YK-1BF/F8475D-4

SERIAL No.

CH-19055

The component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency under

WORK ORDER No.

85663

DATE

4-12-88

SIGNED

KE Maxwell

FOR

MAXWELL AIRCRAFT SERVICE, INC.

CRYSTAL AIRPORT • MINNEAPOLIS, MINN. 55429

FAA Approved Repair Station No. 3725

(over)

Lock Haven, Pennsylvania

U. S. A.

N934PH

Aircraft

Registration Number

Part No. 230715

AIRCRAFT DESCRIPTION

Registration No. N934PH

Model: PA 32-300 Popular Name: Cherokee Six

Serial No.: 32-7540059 Type Certificate No.: A350

Colors: SEE WEIGHT AND BALANCE

Engine Manufacturer: Lycoming Propeller Manufacturer: HARTZELL

Original Engine Model: I0-540-K1A5 Original Propeller Model: HC-C24K-1BF/F8475D-4

Serial Numbers: Single L-12610-48 Hub or Serial Number: Single CH-19055

Left _____

Left _____

Right _____

Right _____

Blade Numbers

~~Left~~

~~Right~~

D38542

D39368

(See Log for Details)

[illegible]

EL

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
AD 75-10-3	Clw for A, B XXXX ^{N/A} _{AT THIS TIME}	101	7/11/73	[Signature]
AD 74-24-13	Clw for A, B + C	101	7/11/73	[Signature]
AD 74-24-13	Replot of Altimeter	233	11-5-76	[Signature]
AD 76-18-4	Fuel Volu Test	233	7-5-76	[Signature]
AD 76-7-12	Becke Starter Switch Check	233	11-5-76	[Signature]
AD 77-1-1	Fuel Gauge Calibration	296	4-6-77	[Signature]
AD 76-7-12	Becke Mag switch	441	4-7-77	[Signature]
AD 77-12-1	Fuel vent Filter	441	7-7-77	[Signature]
AD 75-10-03/AMDT 39-2195	KIT INSTALLED BY PERSONS UNKNOWN	1518	7/05/82	WRKylh
77-23-03/AMDT-3071	ROD END INSPECTION ^{Done} _{1/23/78}	1518	2/05/82	WRKylh
Niederhauer				

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
78-23-01 AMDT 39-3330 80-24-03 AMDT 39-3978	c/w BY Forest City Aviation ON 1/19/82 due again @ 1617 c/w BY Forest City Aviation ON 1/19/82 - A-METER 1 N.S.P.	1518 1516	7/05/82 7/05/82	WRH for CFS 304-43
77-12-06 12-21-77 90-02-03 1/22/90	c/w BY MAXWELL AIRCRAFT SERV. - NEXT due 4/30/93 or 3861 c/w BY 10 SP. PER SB 104- HARTZELL	1851 2119 NEXT 2169	4/12/88 3/29/91	
78-23-01 39-3330 76-07-12 39-3024	PAR B - FUEL DRAIN DOOR MAG SW - OK	2119 NEXT 2219 2119 NEXT 2219	3/24/91 3/29/91	WRH for CFS 96-1

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
Piper S.B. 463 Piper S.L. 708	OVERHEAD VENT MOD. NOSE wheel STEER. INSP.	101	11-5-76	STATION LIMITED RADIO CLASS 11-5-76
Piper S.L. 749	Torque Link Grease Bolts	233	11-5-76	11-5-76
Piper SB 475	Instant Dinner Modification	233	11-5-76	11-5-76
Piper SB 519A	Paul Volmer Inspection	233	11-5-76	11-5-76

EL

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
		THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER (S) HAVE BEEN TESTED TO <u>20,000</u> FT. ON (L) <u>9-16-74</u>, (R) <u>n/a</u> SIGNED <u>[Signature]</u> DATE <u>DEC 7 1974</u>		
		I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED <u>DEC 7 1974</u>, I/A/W FAR 21.183(a) PER 21.273. <u>[Signature]</u> FAA DOA SO-1		
DEC 7 1974		1.66		
Total To Carry Forward		1.66		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
				5-2-75 TT 59hrs
Date: 5-2-75 Tach: 59 TT 59				1. Tested Vacuum pump
I certify that this Airframe has been				Pressure Regulator
inspected in accordance with a 50 hr				2. Re Located Co pilot ash
inspection and was determined to be in air- worthy condition. Other details of this inspection				
are on file at this facility under WO# 6027				
Signed: <i>Michael G. Butler</i> Inspector Troy				
DES MOINES FLYING SERVICE, INC.				6/2 Piper 50 hr Insp
MUNICIPAL AIRPORT, DES MOINES, IOWA				Form as provided with
F.A.A. APPROVED REPAIR				aircraft
STATION NO. 3782				
LIMITED AIRFRAME				
RADIO CLASS I & II				
				John TD Smith NRP 2033851
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
July 11, 1975 Tach 101 HRS.		
C/W AD 75-10-3 BAGGAGE door Insp. & MOD.		
C/W AD 74-24-13 Par. A, ^{N/A AT THIS TIME} Replaced Attimer		
WITH OVERHAULED EDO-DICE UNIT SEE M.R. & Cnh.		
Card in back of this Book C/W PIPER S.B 463, S.L 708		
Date: <u>7/11/75</u> Tach: <u>101</u> TT: <u>101</u>		
I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in air-worthy condition. C. her details of this inspection	This is to certify that this <u>Aircraft</u> is returned to service as airworthy.	
are on file at this facility under WO# <u>6289</u>	DES MOINES FLYING SERVICE, INC.	
Signed: <u>Kyle Rouch</u> Airframe Inspector	E.A.A. APPROVED REPAIR STATION	
DES MOINES FLYING SERVICE, INC. MUNICIPAL AIRPORT, DES MOINES, IOWA	No. 3782	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	DATE 8/30/76	TACH 24.0		
		c/w with SB 519		
		THIS SAME DATE		
				Donnie Ryckell
				Airframe Insp
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Date: <u>11-5-76</u> Tach: <u>233</u> TT: <u>23</u>		
I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in air- worthy condition. (For details of this inspection see on file at this facility under WOV <u>1229</u>)	<u>11-5-76 TT 223</u>	✓
Signed: <u>John T. Deemerly</u> Airframe Inspector DES MOINES FLYING SERVICE, INC. MUNICIPAL AIRPORT, DES MOINES, IOWA	1. <u>Ch AD 24-24-13 By Replocent of</u> <u>a Hmeter - Maintenance Release Book of Book.</u>	
	2. <u>Ch SL 249 Improved Torque Link</u> <u>greases Bolts.</u>	
	3. <u>Ch AD 26-7-12 Bendin Starter Switches</u>	
	4. <u>Tighten Sun Visor Mounting & Lube.</u>	
	5. <u>Reploc Electric Trim Switch.</u>	
	6. <u>Adjust Cabin Door Install Section of Molding</u>	
	7. <u>Ch SB 425 Instrument Dimmer Modification.</u>	
	8. <u>Ch AD 26-18-4 Fuel Valve Test, SB 519A</u>	
	9. <u>Change Both Main Tires</u>	
E.A.A. APPROVED REPAIR STATION NO. 3782 LIMITED AIRFRAME RADIO CLASS I & II		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
11-5-6	#233			
10 - Chng Both Tip Quick Drills				
11 Repair #6 Engine Diff				
12 Re Build RT Brake Cylinder & Re Lin Both Brakes.				
13 Replace ELT Battery.				
F.A.A. APPROVED REPAIR STATION NO. 3782 LIMITED AIRFRAME RADIO CLASS I & II				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
4-6-77 Tach 296 Complied with A.D. 77-1-1 and SB533 on fuel gauge calibration Inspection		
This is to certify that this <i>Larry Schuff</i> Inspection <i>is Airframe Insp.</i> returned to service as airworthy.		
NIEDERHAUSER AIRWAYS, INC. F.A.A. APPROVED REPRESENTATION		
NO. 304-5		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11-5	Brought Forward →	233	0:00	
1-31		251	18:00	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
5-23-77 Replaced Air Filter, Vacuum REL filter Compared with SB 548 Engine Control Rod End Insp. SL 795 flap Replaced		
Date <u>5-23-77</u> Tach <u>341</u> Total Time <u>341</u> W.O. # <u>1577</u>		
I certify that this aircraft/power plant has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition.		
Signature <u>James Henderson</u> for Niederhauser Airways, Inc., Waterloo, Iowa F. A. A. Approved Repair Station No. 304-5		
BY NIEDERHAUSER AIRWAYS, INC. WATERLOO, IOWA 50705 F.A.A. APPROVED REPAIR STATION NO. 304-5		
Date <u>5-23-77</u>		
Avionics		
Airframe		
We certify that the <u>airframe</u> / <u>State System</u> / <u>Attitude</u> Reporter / Transponder / Tests Required by F.A.R. Parts 91.170 and 91.177 have been performed and tested to feet,		
Signature		
Signature		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6-3-77	Brought Forward →	353 hr		Installed Fire Extinguisher set
Weight & Balance				
				This is to certify that this Larry Schuff
				is Airframe Group
				returned to service as airworthy.
				NIEDERHAUSER AIRWAYS, INC.,
				F.A.A. APPROVED REPAIR STATION
				NO. 3045
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
9-7-77 Replace Brake Linings, Complied with AD 76-7-12		
Mag switch and SB 571, AD 77-12-1 Fuel vent Insp.		
Date 9-7-77 Tach 441 Total Time 441 W.O. #1812		
I certify that this aircraft/power plant has been inspected		
in accordance with a <u>Annual</u> inspection		
and was determined to be in airworthy condition.		
Signature <u>Larry Schaefer</u> for		
Niederhauser Airways, Inc., Waterloo, Iowa		
F. A. A. Approved Repair Station No. 304-5		
12-30-77 Tach 527 Install Hobbs change Equipment list		
No weight & Balance change	<u>Larry Schaefer</u>	
NIEDERHAUSER AIRWAYS, INC.	<u>Airman, Inspr</u>	
WATERLOO, IOWA		
F. A. A. APPROVED		
REPAIR STATION NO. 304-5		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-23-78	Brought Forward 535			
Replace ELT Battery 10-79, Right Tail Nav Lites bulbs, Left main Dash Drain, Nose. Complied with AD 77-23-3 control rod ends + AD 76-7-12 Mag switch Insp.				
Date 1-23-78	Tach 535	Total Time 535	W.O. # 2080	
I certify that this aircraft/power plant has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.				
Signature <u>Larry Schnitzler</u>			for	
Niederhauser Aircraft Inc Waterloo, Iowa				
F. A. A. Approved Repair Station No. 3045				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
INSTALLED NARCO DME 190 # 10249		
IN ACCORDANCE WITH MFR'S INSTRUCTIONS		
AND CURRENT FAR'S PART 43. A/C		
WT & BAL DATA CORRECTED		
 RR # PENDING NIEDERHANSER AIRWAYS CRS #304-5		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	DATE <u>March 3, 78</u> TACH <u>668</u> TT <u>100</u> I certify that this <u>Aircraft</u> has been inspected in accordance with <u>100 hr</u> inspection and determined to be in airworthy condition. Work Order No. <u>665</u> Signed <u>George E. Woelke</u> for Forest City Aviation Inc. FAA Repair Station No. <u>304-36</u> <u>New Brakes</u> AD-76-7-12 <u>Swatch OK</u>			
	DATE <u>March 3, 78</u> TACH <u>668</u> "I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in Airworthy Condition." <u>New Brakes</u> AD-76-7-12 <u>Swatch OK</u> <u>AF 1826298</u> <u>George E. Woelke</u>			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
May 16, 1978 TACH TIME 803 hrs		
Removed #1 King KI-201C UR/LOC Indicator and Piper		
#555-501 Dual NAV Coupler and Installed new King KI-209 UR/LOC/		
GS Indicator, King KN-75 GS Receiver on custom made mounting		
panel under floor in front luggage compartment area, and AD-9 G/S/		
Dual NAV Coupler. All installation work done in accordance with King		
installation manuals and A/E 3.13-2. New WSB charge sheet		
prepared and equipment list updated. Installed 35 amp breaker		
Avionics Master switch with split bus bar system.	William R. Henne	
NEW E.W. 1986.0 lbs	SPENCER AVIONICS	
NEW C.G. 80.15"	Municipal Airport Spencer, Iowa 51301	
NEW USEFUL LOAD 1414.0 lbs	FAA Repair Station No. 304-45	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
 DATE _____ TACH _____ TT _____ I certify that this _____ has been inspected in accordance with _____ inspection and determined to be in airworthy condition. Work Order No. _____ Signed _____ for _____ Forest City Aviation Inc. FAA Repair Station No. 304-36 				
	DATE <u>May 24 1978</u> TACH <u>827</u> "I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in Airworthy Condition."			
<u>new tire on left side new brake</u> <u>Repaired Door Step AD-76-7-12 CWOK</u> <u>ATP 1826298</u> <u>George E Wellke</u>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
DATE <u>June 21/78</u> TACH <u>938</u> "I certify that this <u> aircraft</u> has been inspected in accordance with <u> annual</u> inspection and was determined to be in Airworthy Condition." <u>new Brakes</u> <u>AP 1826298</u> <u>George E Woelke</u>		
DATE <u>7/28/78</u> TACH <u>1059</u> "I certify that this <u> AC</u> has been inspected in accordance with <u> annual</u> inspection and was determined to be in Airworthy Condition." <u>new bulbs installed in beacons</u> <u>new Gear fairing installed left side</u> <u>new brake levers installed</u> <u>Morris Tremble</u> ID <u>1824599</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	DATE <u>Aug 23/78</u> TACH <u>1161</u> TT <u>1161</u> I certify that this aircraft has been inspected in accordance with _____ inspection and determined to be in airworthy condition. Work Order No. <u>724</u> Signed <u>[Signature]</u> for Forest City Aviation Inc. FAA Repair Station No. 304-36 <u>AD 76-09-12 check ok</u>			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Inst new brake linings - E.S. batteries due in 79. AD 96-67-12 CW Bendix mag switch snap. Rev. date Aug 30, 77 due again 1377 hrs.		
	22 Sept 78	Tach Time 1277 hrs
I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION		
	<u>Terry D Jones</u> ROBERT D. WATKINS	<u>A8P1872322</u> 100422517 A&P IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Date <u>9-26-78</u> Airplane Time <u>12 90.60 Hrs.</u> Installed <u>Hestell HC-C2YK-1BF/E8475D-4 Propeller</u> Serial No. <u>CH-19055</u>, which was repaired by <u>MAXWELL AIRCRAFT SERVICE, INC. "PROP SHOP"</u> <u>MINNEAPOLIS, MINN., REPAIR STATION NO. 3725.</u> A description of the repair is on file at that agency under Work Order No. <u>163066</u> Dated <u>9-26-78</u> -				
				<i>Propeller Overhauled.</i> <i>Complied with AD 77-12-16</i> <i>Amph. 39-30974 Hestell</i> <i>Bulletins 31 & 118 B.</i>
	<i>HE Maxwell AFE 90264-H1</i>			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
DATE <u>4-20/79</u> TACH <u>1354</u> "I certify that this <u>AC</u> has been inspected in accordance with a <u>annual</u> inspection and was determined to be in Airworthy Condition."	<u>work order</u>	
<u>A.D. on back of book</u> <u>Marvin Trimble</u> <u>LA 1824599</u>	<u>no 780 on file</u> <u>Forest City Aviation</u>	
DATE <u>June 11/86</u> TACH <u>1461</u> I certify that this <u>AC</u> has been inspected in accordance with a <u>annual</u> inspection and determined to be in airworthy condition.	<u>1461</u>	
Work Order No. <u>882</u> <u>Marvin Trimble</u> for Forest City Aviation Inc. FAA Repair Station No. 304-36		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	DATE <u>1/19/82</u>	TACH <u>1517</u>	TT <u>1517</u>	
I certify that this <u>AC</u> has been inspected in accordance with <u>annual</u> inspection and determined to be in airworthy condition. Work Order No. <u>1038</u> Signed <u>Bruce Trumble</u> for Forest City Aviation Inc. FAA Repair Station No. 304-36				
A.D. 78-23-01 and LT 39-3330 dated nov 3/78				
fuel drain lines cover C.W. due 10chr				
AD 80-14-01 N.A. by ser 80-14-02 NA by ser				
A.D. 80-24-03 and LT 39-3975 dated nov 28/80				
annular terminal C.W. New E.L.T. battery				
Total To Carry Forward		repacked due July 84		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/1/83	Brought Forward →	1521:17	1521:17	
DATE: 12/1/83 TACH: 1521:17 TOTAL TIME: 1521:17 I CERTIFY THAT THIS AIRCRAFT [REDACTED] HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL [REDACTED] INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE W. O. # 969 SIGNED <i>Marla Smith</i> FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA. FAA APPROVED REPAIR STATION # 304-43				Lubricate as per all wheel bearings. Inst new vent hoses in both top hinge bolt on rudder new Fuel line for left - p Strap oil rear cargo
by installation of pipoi hit 764 909V on Ammeter terminals. Install overhauled D.G. See maint release in back of c/w AD 78-23-01 amend 39-3330 by inspection of fuel drain door - ok. amend 39-3024 by inspection of Bendix mag switch. - ok. next inspection				
Total To Carry Forward		FAA CRS # 304-43		

Registration No. _____

and Remarks	Signature	Certificate No.
chart. Install new BFG 6100x6 spr on Left main. Repack new Battery. Replace Fuel sender in Right main tank. Install main tanks. Replace strut cuff on Right main. Install new Install new sump drain valve in Left outboard tank. Install tank, from fuel selector valve to first union. Install new door. Install new electric trim switch. c/w PSB 698A Install new vacuum regulator filter. Repaint Aircraft where required. book. Test fly & check for proper operation - ok next inspection per this AD due 16 21:17. TT. c/w AD 76-7-12 per this AD due 16 21:17. TT. Mark a Bomber for CC arm		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
			I certify that this day <u>Dec 1-83</u> the transponder tests required by FAR 91.172 have been accomplished. #1 <u>✓</u> #2 <u>✓</u> #3 <u>✓</u> Des Moines Flying Service, Inc. Municipal Airport, Des Moines, Iowa Repair Station #3782 Signature <u>Ray O'Brien</u>	
12/2/83	1522:82	1522:82	1522:82	Install new egt gauge - check for proper operation - ok
				mark a log for ccawo FAA CR'S
				304-43. x x x
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
3/21/84 TACH 1533.31 INSTALLED NEW EXIDE PC-35 BATTERY	WR Kyle R. Brown	238
4-19-84 TACH 1538 REPLACED LEFT NAU LENS, BULB & BASKET, REPLACED LEFT BRAKE FITTING AND BLEED BRAKES	Michael J. Ballantyne A.P. 481 7008441A	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/26/84	Brought Forward →	1569.40	1569.40	INSTALL NEW MAIN BULB. INSTALL NEW LEFT STABILIZER TIP. OK. WPKyle checker insp. for CHARLES CORY DE
9/7/84	1628.32	C/W AD	78-23-01	Amndt 39-3330 by inspection Amndt 39-3024 by insp of Bendix mag switch OK Next inspection due CRS# 30943
Total To Carry Forward				

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9-7-84	TI 629			
Removed a KT 76 Transponder and rack installed a KT 76 Transponder and rack, weight change negligible.				
This is to certify that this unit is returned to service as airworthy.				
DES MOINES FLYING SERVICE, INC. F.A.A. APPROVED REPAIR STATION No. 3782				
<i>Dwight A. Heller</i>				
Total To Carry Forward				



Registration No. _____

and Remarks	Signature	Certificate No.
9/21/84 TACH & TOTAL TIME: 1638.48. RELINE BOTH BRAKES. INSTALL NEW TIRE & TUBE (ZEPHYRUS) ON RT. MAIN. LUBE QUARTERS. DRAIN, CLEAN, & INSTALL NEW FILTER IN FUEL SUMP. SERVICE BATTERY. INSTALL NEW CENTRAL & REGULATOR VACUUM FILTERS. WHILE CHIEF Insp. FOR CHARLES City/PA. CHARLES City LEAD. FAA App. R.S. #304/43.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9-6-85	Removed and Replaced defective spoke of tail cone			
	Reads 1716.7, Work performed by Des Moines Flying Service Repair Station			
	#3782	Arnold & Hill Reference RWO 15417	TECH #5	
I certify that this day <u>9-6-85</u> the transponder tests required by FAR 91.172 have been accomplished. #1 <u>✓</u> #2 <u> </u> #3 <u> </u> Des Moines Flying Service, Inc. Municipal Airport, Des Moines, Iowa Repair Station #3782 Signature <u>Arnold & Hill</u>			I certify that the altimeter and static system tests required by FAR 91.171 have been performed. The altimeter has been tested to <u>25700</u> feet. Date <u>9-6-85</u> Des Moines Flying Service, Inc. Municipal Airport, Des Moines, Iowa Repair Station #3782 Signature <u>David Ellis</u>	
	Reference RWO 15417	TECH #5	Installed altimeter S/N 6024	
Total To Carry Forward				

Registration No. _____

Date 6 Sep 85 Tach 1716.2 T.T. 1716.2

and Remarks: I certify that this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. Other details of this inspection are on file at this facility under W.O. # 93285

Signed Wayne C. Nepe
Des Moines Flying Service, Inc.
Municipal Airport, Des Moines, Iowa
FAA Approved Repair Station #3782



Signature

Certificate No.

① C.W. A.D. 78-23-01 Fuel drain
insp as per para (a) Due again
at 1816. hrs TT

② C/W A.D. 76-07-12 Ignition switch
inspection Due again 2021 hrs. TT

③ Installed New E&T Battery. Due date
Aug 88

④ Info: FAR 91.171 Alt/Static ck due
Sept 87

⑤ Info: FAR 91.172 Transponder c/k due
Sept 87

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
10-9-86	Tach & Total Time 1808.32			ANNUAL inspection performed I/A/W P. PER PA32-300 SERVICE MANUAL. Checked all control surface travels & re-rigged aileron control cables, stabilator control cables & rudder control cables. Lubed all hinges, cable ends & pulleys. Installed new vacuum relief filter P/N B3-5-1. E.L.T. removed from aircraft for repair, E.L.T. model RESCU/88, P/N 627674-1, S/N 104C4018. Repaired fwd. baggage door. Jacked A/c, cleaned, inspected & repacked all wheel bearings. Installed new 6.00x6-8 ply Goodyear Flight Special II L.H. main tire. Serviced all landing gear struts & brake reservoir. NEXT PAGE ↗
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
(Cont.) C/w A.D. 78-23-01, eff. date 11-3-78, I/A/W para. B, parts 1 & 3, inspection of fuel drain lever & door. Greased all landing gear torque links. Repaired lower tailcone. A.D.'s checked to date, listings in back of log book.	I certify that this AIRCRAFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Date <u>10-9-86</u> Tach. Reads <u>1808.32</u> Hrs. Insp. <u>[Signature]</u>	
A.D. 86-17-01 (Smoke in cockpit / electrical failure) due 50 hrs. from effective date of this A.D. (eff. date 8-21-86). Aircraft test flown all systems functioned properly.	W.O. # <u>8121</u> C.R.S. 304-47 HAP'S AIR SERVICE, INC. MUNICIPAL AIRPORT, AMES, IOWA 50010	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
22 Feb 88	Brought Forward →	1850.55	1850.55	AIRCRAFT FOUND Airworthy Charles City, IA.
THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO 20,000 FT ON (L) 5/7/88, (R) DATE 5/7/88 SIGNED Mark A Boyle FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA! FAA APPROVED, REPAIR STATION # 30443				
Total To Carry Forward				

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/20/88	Brought Forward →	1851:54	1851:54	Lubricate as per chart,
DATE: 5/20/88	TACH: 1851:54			maintenance release tag
TOTAL TIME: 1851:54				& bulletins on prop.
I CERTIFY THAT THIS AIRCRAFT WAS HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. W. O. 2917				B.E.G. Aviator 6.00 x 6
SIGNED: Manuel Borge FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA: APPROVED REPAIR STATION # 304-43				Strip, repaint & Balance
Quick Drain Rt. tip tank. Install new tip tank Sender (Left)				repaint Stabilator trim
Stabilator cable attach bolts. Adjust stabilator cable tension.				
w/B for details. Install new right & left windshields.				
of ammeter hit. no further action required. Install new				
Total To Carry Forward		Side.		Install new vacuum regulator filter.

Registration No. _____

and Remarks	Signature	Certificate No.
send prop to Maxwell Aircraft service for overhaul. See in back of book dated 4-12-88 for compliance with AD's		
reline both brakes. Install new brake discs. Install new		
6pr on nose. Repack left brake cylinder (wheel).		
stabilator. Install new hinge pin on left outboard trim tab. Strip &		
arm. Remove corrosion from belly & repaint. Install new		
& check calibration. Install new Stabilator hinge bolts &		
Install AR-850 Digital altitude Encoder. See 337 &		
c/w AD 86-17-01 amend + 39-5400 & PSB 811A by installation		
turn coordinator s/n 8805-36. Install new sun shield pilots		
Drain & clean Fuel sump screen. c/w AD 78-23-01 (over →)		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
brought Forward ↓	Brought Forward →			
Amend + 39-3330 par (b) by inspection of fuel drain lever and				
for repair. placard panel as such. Test Fly + check for proper				
FAA CRS 304-43.				
Total To Carry Forward				

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

DATE 05/23/88 A/C HRS. 1852.72 N# 934PH

WIRED AR-850 INSTALLED BY
CHARLES CITY. RAMP CHECKED,
PERFORMED 9/1/72, PERFORMED STATIC
LEAK CHECK.

For pertinent details of this maintenance action reference

Work Order(s) 19041

Signed: Clawed D Hill

VanDusen - Des Moines Flying Service
 FAA Approved Repair Station
 #361-16

Issued in Lieu of Logbook Entry.

Total To Carry Forward				
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Registration No.

Signature

Certificate No.

and Remarks

6/10/88 Tach & total 1873.18	Install rebuilt Attitude Gyro	
N/D 52066 S/N X36517E See attached release tag	Lin E Humblon	
for Charles City Associates CRS #304-43		
6/14/88 Tach & total 1875.17	ELT removed at annual was non-repairable	
Install a CIR 11-2 loaner transmitter	Expiration date on	
battery Nov 88 Lin E Humblon	For Charles City Associates	CRS #304-43
7/2/88 Tach & Total time - 1896.35	Install new BFG	
Acceptor 6100x6 6pr ^{and tube} on Rt. Main.	Mark a Berger for	
CC Aero FAA CRS #304-43		

MAINTENANCE
RELEASE

aircraft compo
aircraft above was re
inspected in
and inspected in
since with
ations of the Fed
on Administration
proved for retur
e. pertinent deta
pair are on file a
in under work C
er (work order num
verse side).

OG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7/11/88	Brought Forward →	1903	1903	Install new block to roll
8/23/88		1937,52	1937,52	Install Repaired 11 1/2 3"
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
right sun visor Perform 50 hr inspection	Lin E Amundson	Charles City Aeromarine 304-43
expiration June 90 Lin E Amundson For Charles City Aeromarine		CRS # 304-43

DATE 9/14/88 A/C HRS. 1950.0 N# 934PH

Removed KR-85 s/n 19631 for Repair

Installed LOANER KR-85 s/n 34193

Ramp tested OK

For pertinent details of this maintenance action reference

Work Order(s) 19766

VanDusen - Des Moines Flying Service
FAA Approved Repair Station
#361-16

Signed: Cleved D. Heil



Issued in Lieu of Logbook Entry.

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
DATE: 10/3/88	TACH: 1951.6			10/3/88 Tach's total 1951.6
TOTAL TIME: 1951.6				35 battery Install new
I CERTIFY THAT THIS AIRCRAFT WAS HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL / ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE W. O. # 2555				and repacked all wheel bearings
SIGNED Eric E. Amundson FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA: ** APPROVED REPAIR STATION # 304-43				par (b) by inspection of fuel
				C/W AD 76-07-12 Amndt 39-3024
				Remove entire exhaust system
				Eric E. Amundson For Charles
12/12/88	Tach's total time 1975.00			Install new hose for left inboard fuel
City Aeronautics CRS #304-43				
Total To Carry Forward				
	6-11-89	Tach + Total time 2026.29		Remove IO-540-K1A5 s/n

AA CRS CQCR964C

and Remarks	Signature	Certificate No.
Lubricate as per chart Service brake reservoir Install new Star Power left nav light bulb Cleaned and lubricated rotating beacon Clean		
Install new vacuum regulator filter C/W AD 78-23-01 Amndt 39-3330		
drain lever & door OK Next inspection per this AD due 2051.6		
by inspection of Bendix mag switch OK Next inspection per this AD due 2051.6		
& send to Stepp & Dawley for repair See attached release tags		
City Aeronautics CRS #304-43		
tank vents OK for Return to service Eric E. Amundson For Charles		
L-12610-48 for major overhaul. Mark a Bomb for Charles City Aeronautics		

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/3/89	Brought Forward →	2031	2031	
DATE 11/3/89	TACH/HOBBS	2031.0		
TOTAL TIME 2031.0	SMOH			
CERTIFY THAT THIS <u>Airframe</u> HAS BEEN				
INSPECTED IN ACCORDANCE WITH AN <u>Annual</u>				
INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND				
APPROVED FOR RETURN TO SERVICE W.O. # <u>2750</u>				
SIGNED <u>Mark A. Bernick</u>				
FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA FAA APPROVED				
REPAIR STA. #CQVR964C				
Clean, inspect & repaint major overhaul, using Brackett BA-115 air 11/1/89. See Charles				
Lubricate airframe				
rt. wheel brake cyl.				
cabin door seals - fore &				
check stabilator rigging. Repair cracks in left wing & bottom fuselage				
non-skid on step. Install new fore & aft baggage door bumpers.				
Amend 39-3330 par (b) by inspection of fuel drain door - ok.				
by inspection of mag switch - ok. Next				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
engine mount. Reinstall Io-546-KLAS, S/N 2-12610-48 after new vibration isolators, new fluid carrying hoses. Install filter assy as per STC SA693CE. See Form 337 dated city Aeronautics W.O. # 2749 for details of major overhaul. as per chart. Clean & repack all wheel bearings. Repair wheel fairings & strut covers as needed. Install new aft. Install new stabilator control stop bolt - upper right. as needed. Seal fuel leak on rt. inboard fuel tank. Install new Repair & rig aft baggage door. c/w AD 78-23-01 Next due 2131 Total time. c/w AD 76-07-12 Amend 39-3024 due 2131 Total time. Install vacuum pump as overhauled by		
Over →		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
→	Brought Forward →			
				Remmers Aviation, Inc. 211cc, S/N G-1311.
				+ check for proper operation - OK for return to service.
				FAA CRS CQUR964C
1-29-90	—	2046:75	2046:75	C/w Emergency AD
				prop I A/w Hartzell S.B. 164 Dated 10-3-89
				total time. This maintenance approved for return to
				FAA CRS CQUR964C
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Install new vacuum central & regulator filters. Test Fly		
Marka Borge for Charles City Aeromantics		
90-02-23 Dated 1-22-90 by inspection of		
no cracks found. This AD due again 2096:75		
service. Marka Borge for Charles City Aeromantics		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →		4/16/90	TACH'S TOTAL TIME: 2067.35
I certify that this aircraft [redacted] has been inspected in accordance with [redacted] annual inspection and was determined to be in air-worthy condition.				PROPEL TOTAL TIME: 2067.35
W.K. Kyle	W.K. Kyle	2109288		c/w AD 90-02-23 dated 1/22/90
4/16/90	Date			By Insp. OK PROPEL FOR
2067.35	Tach Hours	& TOTAL HRS.		HARTZELL S/B 164. Next Insp.
PER THIS AD due @ 2117.35 TOTAL TIME.			c/w AD 78-23-01	
AMDT 39-3330 para 1 by Insp. OK FUEL DRAIN DOOR-OK. Next				
due @ 2167.35 TOTAL TIME.			c/w AD 76-07-12 AMDT 39-3024	
By Insp. OK MAG. SW-OK. Next due @ 2167.35 TOTAL TIME				
Service STRUTS & TIRES.			THIS MAINTENANCE APPROVED	
Total To Carry Forward			FOR REVIEW TO SERVICE W.K. Kyle Ref 2109238 TH	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
DATE <u>3/29/91</u>	Brought Forward	TACH <u>2119</u>		
TOTAL TIME <u>2119</u>	AIRCRAFT AND PROPELLER			
I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN				
INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u>				
INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION AND				
APPROVED FOR RETURN TO SERVICE W.O. # <u>350</u>				
SIGNED <u>WR Kyle</u> CHIEF INSPECTOR				
FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA FAA APPROVED				
REPAIR STA. #CQVR964C				
BY INSTALLING "SEAS" PATCHES, INSTALL NEW VACUUM FILTER - 1746				
BRAKE RESERVOIR. INSTALL NEW ELT ANTENNA. ADJUST OVER				
PILOT'S WINDOW. c/w THE FOLLOWING AD'S: 77-12-01 AMDT 39-12				
SB 164 - NEXT DUE @ 2169.; 78-23-01, AMDT 39-3330 PAR(b) - FUEL DRAIN				
Total To Carry Forward		@ 2219.	TOUCH UP PAINT. THIS MAINTENANCE	

Registration No. _____

and Remarks	Signature	Certificate No.
TIME: 2119 LUBRICATE AIRCRAFT AS PER CHART. INSTALL		
E VACUUM SYSTEM PER STE - SEE FORM 337 IN AFM.		
FOR PIPER DRAWINGS LISTED IN WT & BAL. SECTION OR		
BATTERY WITH APRIL 93 CHANGE DATE. RESCAL PILOT'S RT.		
TAIL CONE CRACKS, REPAIR SHIMMY DAMPER MOUNT BRACKET		
REPAIR 2 SKIN CRACKS - LEFT WING - UPPER - INBOARD 2 RIBS		
WATER. REPLACE LEFT TIP QUICK DRAIN. RELINE BRAKES. SERVICE		
HEAD VENT DOOR & CABLE. ADJUST CABIN DOOR - FRONT AND		
14 - NEW LT. MAIN FUEL VENT; 90-02-23 DATED 1/22/90 PER HARTZELL		
DOOR - NEXT DUE @ 2219; 76-07-12, AMDT 39-3024 - MAG S.O. - NEXT DUE		
APPROVED FOR RETURN TO SERVICE. WR Kyle CHIEF INSP. FOR FAA APP. R.S. CQVR964C		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4/12/91	Brought Forward →			
Installed Northstar M1 LORAN. 337 forms & new weight & balance.				
			Don French	
			A2351434	
Total To Carry Forward				

1911