

N 1618T

SN 414-0398

ARTEX AIRCRAFT
SUPPLIES, INC.

10000 Road - Galesburg, Oregon 97033

503-3502 (800) 547-8391

Transport Canada Approved

Part 66 P/N 00-04-000A

STANDARD/KINDNESS

Sept. 94

Latent P/U

AIRCRAFT LOG

AL-12P

Book #2

2

3-28-98

Hobbs: 702.6

Propeller Log
(R/H) SN 731468

N1618T

Dynamic Balanced & Vibration Spectrum Tracked this A/C (R/H) Spinner-Propeller-Engine Comb., as per "specs.", set forth in "Smooth Propeller", pub. # AW 9511-2 by Chadwick Helmath. Initial Imbalance: .22 IPS. Balance R.P.M.'s: 2434 (Actual). Static Wts: Hub 3/4 @ 12:00; 10:00 Blade - 10 M² Cauley static wts, 2:00 - None, 6:00 - None. WT. PKg: 19.1 grams of A/C approved hardware installed @ 6.75" Radius, 3/4" on inside of spinner bulkhead located @ 10:15 (same ref. & all positions in Pilot's View). Confirmation Run: .03 IPS. -END-

[Signature] A&P 428682644

3-28-98

Hobbs: 702.6

Engine Log
(L/H) SN 243724-R

N1618T

Dynamic Balanced & Vibration Spectrum Tracked this A/C Spinner-Propeller-Engine Comb., as per "specs." See Propeller Log (Hub 3/4 731444) for detailed entry. -END-

[Signature] A&P 428682644

AIRCRAFT DESCRIPTION

MANUFACTURER CESSNAMODEL 414DATE OF MFG. 5-25-73SERIAL NUMBER 414-0398REGISTRATION NUMBER N1618T

REGISTERED OWNER _____

Inspection Status

(Check one)

☐ AL/100 HOUR☐ ESSIVE☐ RT D☐ D☐ POSSIBILITY

OPE

REC

OPE

3-28-98

Hobbs: 702.6

Aircraft Log
SN 414-0398

N1618T

Dynamic Balanced & Vibration Spectrum Tracked this A/C Spinner-Propeller-Engine Comb., as per "specs." See Propeller Log (Hub 3/4 731468) for detailed entry. -END-

[Signature] A&P 428682644

3-28-98

Hobbs: 702.6

Engine Log
(R/H) SN 218709CR

N1618T

Dynamic Balanced & Vibration Spectrum Tracked this A/C Spinner-Propeller-Engine Comb., as per "specs." See Propeller Log (Hub 3/4 731468) for detailed entry. -END-

[Signature] A&P 428682644

ALTIMETER & STATIC SYSTEM CHECKS

[illegible]

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
I certify that the Transponder Model <u>KT-26A</u> S/N <u>N/A</u> has been modified and meets F.A.R. 91.24 and complies with FAR 91.177, & FAR-43 Appendix F. W. O. # <u>9-3503</u> Date <u>10-6-81</u> Signed <u>[Signature]</u> <u>2292248</u> DUNCAN AVIATION, INC. C.R.S. #3304 Lincoln, Nebr. 68501						
<u>10-23-87</u>		<u>TACH</u>	<u>888-8 ACS</u>			
I Certify that the ATC Transponder Tests and Inspections required by FAR 91.172 has been performed this date, and found to comply with FAR Part 43 Appendices E & F. MFG <u>KING</u> Model <u>KT-26A</u> <u>19190</u> RO <u>8974</u> Date <u>10-23-87</u> For Avlonic Systems, Inc., Repair Station 312-13 Radio <u>[Signature]</u> <u>50564K89</u>						
I Certify that the ATC Transponder Tests and Inspections required by FAR 91.172 has been performed this date, and found to comply with FAR Part 43 Appendices E & F. MFG <u>ALL</u> Model <u>Cessna 440</u> <u>SPH N/A</u> RO <u>8974</u> Date <u>10-23-87</u> For Avlonic Systems, Inc., Repair Station 312-13 Radio <u>[Signature]</u> <u>50164189</u>						

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
12 OCT 1981	11m 149.00	11-257.00	PREFORMED	A Double / Annual Insp		
			Utilization Cessna Insp Rebt. Inst New MCI-106-R44	EC+ PROGE. Checked		
			OK with Test box. Prep Advice System Deactivated, New TENTS on Order.			
			New Pinned Inst For Fuel Tanks. New Cable Inst Rudder Auto Pilot Serv.			
			Aileron Rudder Aileron Elevator Cable Tensions Adjusted To Specs via Shimano			
			Bottom box Removed. Ground Connections Treated. Painted and Reinstalled. Cable			
			Tensions Adjusted To Specs Use Brock Scales.			
			Top Section bushing LH-RH M16 Rebrushed.	AD 73-07-04 Bendix Coil / Magnet,		
			NA to S/M — AD 74-06-09 Bendix Steel bushing, NA sh.	AD 75-05-04		
			Whelan Strobe No. Tube Inst.	AD 75-05-14 Kollsman Altimeter, Not Inst.		
			AD 75-07-13 TCM-Turner Chargers Amplified, P 300 on Inst. of B.M.L. Enclosed.			
			AD 75-08-08 Exhaust System, Chk by Visual Insp. R/Raid Turbo Waste Gate			
			Inlet Clamps @ MVT 6889D-200. — AD 76-02-07 Prestolite Alternator, Visual			
			And Lubed Bearings. — AD 76-07-12 Bendix Ignition Switch, NA Installation			
			AD 77-03-22 TCM Crankcase Failure, NA sh. — AD 78-05-06 Good Year Fuel Cells,			
			Not Inst. — AD 78-06-01 Tcm Flexible Elbow, Chk by Inst of New Tubes			
			And Clamps @ 64257D. — AD 78-09-07 Bendix Impulse Couplings, Not Inst.			
			AD 78-10-05 Seat Track Fittings, Chk ME 78-17, Visual & Sound Hardware Inst.			

SEE NEXT PAGE—

12 Oct 1981

RADIO & ELECTRONIC CHECKS

RADIO & ELECTRONICS				CHECKED BY: SIGNATURE — CERT. NO.	
DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE
Cont. —	—	AD 79 07-02 Willard Battery	Not Inst.	AD 80-01-04	
TCM Submersible hold down FLANGES, NA TYPE	—	AD 80-01-05	Pacific		
SEAT BELTS, NA TYPE	—	AD 80-05-04	ESN SEAT BELTS, NA TYPE INST.		
AD 80-17-04		HEROSOUND FUEL FLOW TRANSDUCER	Not Inst.	AD 81-09-09	
STEWART WARNER WATER GUN BY DUEL-NO. 1			SEE TAG BACK THIS LOG BOOK.		
OXYGEN bottle REMOVED			HYDROSTATIC CHECK PERFORMED, REINSTALLED &		
SYSTEM SERVED. AD 76-04-03			ARC, PA-500 A Actuators, R/W VIA A175-10.		
SPRINKLER ON SERVOs modified.			NEW BLACK PEDAL RETURN SPRING		
INSTALLED. P/O 0861711-3.					
I Certify that this <u>Airframe</u> has been				DUNCAN AVIATION, INC.	
inspected in accordance with a				LINCOLN, NEBR.	
... <u>See H. / Dunc.</u> inspection and was				FAA Approved Repair Station 3304	
determined to be in airworthy condition				The Above Described Maintenance	
				Repair is Certified Airworthy & A	
				Detailed Record is Held On File.	
				Under W. O. <u>3-5092</u>	
				Signed <u>Craig C. Caskey</u>	
				<u>Qual. Insp.</u>	

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
10-12-81						
Removed Pilots Altimeter P/N 101420-012058 S/N C118067 and installed Exchange Altimeter P/N 101435-01211 S/N 120625.						
I Certify That Altimeter And Static System Tests Required by FAR Part 91.170 Have Been Performed.						
Static System Test Date <u>10-5-81</u> Altimeter Tested To <u>35,000</u> Feet. W.O. No. <u>9-3669</u> L/H S/N <u>120625</u> Date <u>NEW</u> R/H S/N <u>68A-0006</u> Date <u>10-5-81</u>						
For Duncan Aviation, Inc. C.R.S. #3304 Lincoln, Nebraska						
<i>Fred H. Koot</i> 505-644229						

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
27 Oct + 1981	H/M	197.00	REPAIRED PROBLEMS heat system.	@D5855-21		
(6) M 521919WCF5	D E 5735	2A.	The following parts installed & functional Check Satisfactory.			
Lt1 No. 1100	12 H	JYDP	COVERED FOR END & REPAIR TO SPEC'S. Check Satisfactory.			
DUNCAN AVIATION, INC. LINCOLN, NEBR. FAA approved repair Station 3304 The Above Described Maintenance Repair Is Certified Airworthy & A Detailed Record Is Held On File. Under W.O. 7-0501 Signed <i>[Signature]</i>						
1982						
3/30	M/N	315.5	Install new vacuum control air filter	Cesena P/W		
	C 2945	01-0301	Sgt N. McLaughlin	A.P. 2135013,		

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
Sept. 29, 1982						
W/O: 82512						
Removed engines for overhaul. Installed engine S/N 218709-R in right position and engine S/N 218724-R in left position of Aircraft N 1618T. Use non-detergent oil for the first 100 hours.						
HOUR METER: 440.2 MECH: <i>Person</i> <i>Open</i> <i>6</i> A & P 1900706						

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
This transponder has been tested in accordance with FAR 43 Appendix P on 10-31-83. Potest due 10-31-85. Western Electronics, CRS 3095. Signed <i>W. S. S. S. S.</i> Model <i>K776A</i> S/N <i>1919D</i> .						
11/15/84	/	VOR CK	GND MCK 110.0	#1 T+0 F+3	12/15/84	<i>G. S. S. S. S.</i> 508707105
"	/	"	" " "	#2 T+4 F+4	"	<i>G. S. S. S. S.</i> 508707105
12/11/84	/	VOR	GND MCK	#1 T+1 F+3	1/10/85	<i>G. S. S. S. S.</i> 508707105
12/11/84	/	VOR	GND MCK	#2 T+4 F+4	1/10/85	<i>G. S. S. S. S.</i> 508707105
1/10/85	/	VOR	VOT DEN	#1 T+2 F+1	2/9/85	<i>G. S. S. S. S.</i> 508707105
1/10/85	/	VOR	VOT DEN	#2 T+4 F+3	2/9/85	<i>G. S. S. S. S.</i> 508707105
1/31/85	/	#1 NAV	VOT DEN 110.0	#1 T+2 F+0	3/2/85	<i>G. S. S. S. S.</i> 508707105
1/31/85	/	#2 NAV	VOT DEN 110.0	#2 T+4 F+2	3/2/85	<i>G. S. S. S. S.</i> 508707105
9/18/85	/	#1 NAV	GND MCK	#1 T+1 F+2	10/18/85	<i>G. S. S. S. S.</i> 508707105
9/18/85	/	#2 NAV	GND MCK	#2 T+3 F+3	10/18/85	<i>G. S. S. S. S.</i> 508707105

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
9-18-85	TACH TIME: 0520	Halbe meter				
I Certify that the ATC Transponder Tests and Inspections required by FAR 91.172 has been performed this date, and found to comply with FAR Part 43 Appendices E & F.				I Certify that the ATC Transponder Tests and Inspections required by FAR 91.172 has been performed this date, and found to comply with FAR Part 43 Appendices E & F.		
MFG <u>Cessna</u> Model <u>400</u> S/N <u>N/A</u>				MFG <u>King</u> Model <u>T-76</u> S/N <u>19190</u>		
RO# <u>7724</u> Date <u>9-18-85</u>				RO# <u>7724</u> Date <u>9-18-85</u>		
For Avionic Systems, Inc., Repair Station 312-13 Radio <u>Wagner</u> <u>2342088</u>				For Avionic Systems, Inc., Repair Station 312-13 Radio <u>Wagner</u> <u>2342088</u>		

RADIO & ELECTRONIC CHECKS

[illegible]

MAINTENANCE RECORD

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
2/8/83		A/c brought in for routine maintenance and was found to be messy. - which Gads has been notified of this. Giff H. Miller A.P.2135013Z.A	
10/5/83		Annual inspection completed this date. All routine maintenance performed. Remove all inspection plates, bearing caps, etc. check all cables, pulleys & flight control for proper movement. Of all hydraulic lines. Please A/c again. Clean landing gear & Grease. Perform a gear retraction test. Check all wheel beams & install new brake lines. AD. 75-09-13 TCM. Tire changes adopted P.C.W. AD. 75-23-08 E-leaf. replace C.U. by visual inspection AD. 76-02-01 Prohibit alternate inspection & landing beams. AD. 78-06-01. Should enter 1/4 of inspection of tires.	
		I certify that this Airframe/Engine has been inspected in accordance with annual inspection, and was found to be in an airworthy condition on this date 10/5/83	
		A.P.2135013Z.A	
		Giff H. Miller	

MAINTENANCE RECORD

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
10/15/84	Tach 730.8	Annual inspection completed route maintenance performed beams, seats & rig. Check all cables fully & label cable for repair work. O.I. call huge part. Plane A/c a job Green & doc already seen. Refer to Ser retire test Parts wheel beams A.D. 95-23-08 Exhaust system C/U by visual inspection A.D. 96-02-07 Preslight attitude visual check beams. A.D. 98-06-01 bleed air by inspect Street Uman heat N.P. C/U by overhaul & decay check.	This date All all inspection plate Plane A/c Refer to Ser A.D. 95-23-08 A.D. 96-02-07 A.D. 98-06-01 N.P.
		I certify that this Airframe/Engine has been inspected in accordance with annual inspection, and was found to be in an airworthy condition on this date. 10/15/84 GEO H. McCall A.P. D135013 I.D	
10-15-84	TI-2996.5 hrs. YELLOW TAGS	DG, T+B, + ATTITUDE HORIZON OH. SEE Jay W. Johnson	AVP 50660512B

MAINTENANCE RECORD 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
DEC 17, 1984	TT-3034.9 hrs.	Hobbs INOP. OVERHAULED FUEL PUMP MOTOR ON CABIN HEATER. REMOVED OLD INTERIOR. INSTALLED NEW AIRTEX INTERIOR. REPLACED BRAKE LININGS ON RH. SERVICED HYD. RESERVOIR. TURBO & WASTEGATE INSTALLED ON RH. SEE ENGINE LOG. Jay W. Johnson A+P 506605128	
MAR 11, 1985	TT-3066.6 hrs.	Hobbs INOP. REPLACED FUEL BOOST PUMP (AUX) ON LEFT SIDE. ALTIMETER & #1 X-PORNER REMOVED FOR REPAIR (NO ALT OUTPUT) FOUND PROBLEM IN ALT. ALT OH. TURBO & WASTEGATE LEFT ENGINE OH THIS DATE. SEE ENGINE LOG. Jay W. Johnson A+P 506605128	

MAINTENANCE RECORD 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
MAY 30, 1985	TT-3,145.2 hrs.	Hobbs - 453.7 hrs. REPLACED RH FUEL PUMP W/ OH UNIT. INSPECT & CLEAN OUTFLOW & SAFETY VALVES. INSTALL ALTERNATE AIR CABLE AND HOUSING ON LEFT ENGINE. NEW SWITCH INSTALLED IN HOBBS CIRCUIT. Hobbs NOW WORKS. Jay W. Johnson A+P 506605128	
JULY 9, 1985	Hobbs - 467.9 hrs.	TT-3,159.4 hrs. INSTALL NEW OUTFLOW VALVE. SEE YELLOW TAG. Jay W. Johnson A+P 506605128	

MAINTENANCE RECORD 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	DATE OF COMPLETION
Nov 15, 1985	TAC-574.1 hrs.	Aircraft cleaned. All inspection panels removed. Interior + Floor removed for inspection. All control cables, chain drives, gear & flap motors inspected + lubricated as reqd. Gear retraction test conducted. New brake linings installed. New tire on RH. Gear reworked as reqd. New prop control cables installed. New wheel bearings + races installed on both mains + nose. AD 75-23-08 CW by new oil pans. AD 76-02-07 CW by inspection on LH engine + replacement with new alternator on RH engine. AD 78-06-01 CW by inspection of flexible elbows. AD 81-09-09 CW by heater having less than 250 hrs. since o/c. It is certified that this aircraft has been inspected in accordance with A no ho inspection + was determined to be in an Airworthy condition.		
Jay W. Schnj		McCook Flying Service, Inc.		
444 50660128		P. O. BOX 311 PHONE 345-1989		
		McCook, Nebraska 68001		

TECH-AIRE INSTRUMENTS, INC., C.R.S. 322-62

TECH-AIRE INSTRUMENTS, INC., C.R.S. 322-62

4711 E. 31st South — Wichita, KS 67210

Nomenclature Enco. Altimeter Serial # C120625

Part or Model # 101435-012115 Mfg. Garmin

The appliance/component identified above 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 work order number 03822

By [Signature] R.C. # 2324005 Date 10-31-85

2500	0	15,000	-10	
3000	+10	18,000	-20	60,000
4000	+5	20,000	-25	70,000
5000	0	22,000	-10	80,000

MAINTENANCE RECORD 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
Dec 9, 1984	TAC- 768.4 hrs.	TAF- 3,543.8 hrs.	
		AIRCRAFT CLEANED. ALL INSPECTION COVERS + PANELS REMOVED. LANDING GEAR GREASED + RETRACTION TESTED. BRAKES INSPECTED. HYDRAULIC RESERVOIR SERVICED. WHEEL BEARINGS REPACKED. NEW BOLTS INSTALLED IN RH MAIN WHEEL ASSY. EXHAUST SYSTEM INSPECTED PER AD-75-23-08. DUE @ 868.4 hrs. AD 76-02-07 (PRESTOLITE ALTERNATOR) CW BY INSPECTION + GREASING. LEFT LEFT ALTERNATOR DUE @ 868.4 hrs. AD 81-09-09 (COMBUSTION HEATER) CW BY INSPECTION. DUE @ 1,018.4 hrs. CONTROL PIVOT POINTS LUBRICATED, CONTROL SURFACES INSPECTED. IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION + WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.	
		Jay W. Johnson A+P 506605128 IA	
Sept 29, 1987	TAC- 867.9 hrs.	AD 75-23-08 (EXHAUST SYSTEM) CW BY INSPECTION. DUE 968 hrs.	Jay W. Johnson A+P 506605128 IA

MAINTENANCE RECORD 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
JAN 5, 1988	TAC- 904.0 hrs.	TAF- 3,679.4 hrs.	
		ANNUAL INSPECTION. AIRCRAFT CLEANED. ALL INSPECTION COVERS + PANELS REMOVED. LANDING GEAR GREASED + RETRACTION TESTED. BRAKES INSPECTED. NEW TIRE, TUBE + BRAKE LININGS INSTALLED ON RH. EXHAUST SYSTEM INSPECTED PER AD-75-23-08. DUE 100 hr. @ 1004.0 hrs. AD 87-23-11 (FUEL LINE CHAFING) CW ON LEFT NACELLE. RIGHT SIDE TO BE DONE WITHIN NEXT 50 hrs. ELT BATTERY REPLACED + IS DUE NOV 1990. STROBE POWER SUPPLY REMOVED FOR OUT. CONTROL PIVOT POINTS LUBRICATED. IT IS CERTIFIED THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION + WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.	
		Jay W. Johnson A+P 506605128 IA	

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
2/25/82	H/m 930.0	A/c T.T. 3,705.4 Left engine would not hold manifold pressure. Replace flex allways on intake on both engines. P/N 646019. Adjust Turb. Controller on left engine as outlined in Cessna 400 Maintenance Manual. Record & adjust fuel pressure on both left & right engines. Install new air filter on both engines. Installed rebuilt turbo generator on left engine. Install new fuel transfer pump on it. aux tank. Rebuild trim would not trim. Remove mechanism from rudder & adjust. Left alternator kept tripping off the line. Found wires chafed just behind alternator. Prop de-ice not working. Replace brushes on slip ring on left left & it. Also to install new gage for prop de-ice. Nose strut was leaking. Remove & install new seal kit. Service all struts with 5606 & nitrogen. Replace bulb in rotating beacon. C/w A.D. 87-23-11 by inspecting fuel lines for chafing on both left & right engines. C/w A.D. 78-06-01 by	

MAINTENANCE RECORD

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
2/25/82	H/m 930.0	installing new allways on intake tubes. Service battery & clean A/c. Giff H. Mallett A.P. 2135013	
3/7/82	H/m 940.2	A/c T.T. 3,715.6 O.I. was changed at this time. Clean A/c Giff H. Mallett A.P. 2135013.	
3/8/82	H/m 941.7	Remove old brushes from propeller de-ice on it. side & install new brush set. Function check. all checks fine Giff H. Mallett A.P. 2135013	
3/17/82	H/m 949.1	Carb not eggs starts on left engine. Remove starter & starter clutch Assy. Install new clutch spring & bearing. Re-assemble. Starts fine now Giff H. Mallett A.P. 2135013	

F.A.R. 43.9

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F.A.R. 43.9

KING, D AT FUSILL
CMT: BALANCE CHAN
505882765 1A

MAINTENANCE RECORD

F.A.R. 43.9

MAJOR ENGINE

OVERHAUL AT THIS TIME

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
3-1-89	TACH READS 1106.2	T.T. 3881.6	ANNUAL INSPECTION COMPLETED
		THIS DATE REMOVE INSPECTION PLATES, SEAT CARPET, FAIRINGS.	
		CHECK CONTROLS FOR PROPER OPERATIONAL CHECK CABLES. LURE HINGE POINTS & PULLEYS. PACK WHEEL BEARINGS. REPLACE BRAKE LININGS.	
		REPLACE MAIN GEAR TIRES. PERFORM GEAR RETRACTION TEST.	
		GREASE GEAR. NEW SEAL KITS INSTALLED BOTH MAIN STRUTS.	
		SERVICED STRUTS WITH 5606. NITROGEN SERVICE PROP ACCUMULATORS.	
		SERVICE BATTERY. CLEAN FUEL SCREENS. REPAIR DAMAGED AREA AROUND TAIL SKID.	
		1/2 A.D. * 75-23-08 ALL CLAMPS REPLACED. PARTS ON ORDER FOR A.D. 87-21-02 REDUCED FUEL FILLER OPENINGS. 1/2 A.D. 84-03-07 INSPECT FUEL LINES. 1/2 A.D. 81-09-09 PARA. A.	
		INSPECT CONDUSTION HEATER. 1/2 A.D. 78-06-01 INSPECT TCM FLEXIBLE ELBOWS. CHECK ELT FOR OPERATION BATTERY GOOD.	
		TABU NOVEMBER 1990. INSTALL NEW BRUSHES IN PROPELLER DE-ICE BOTH SIDES. REPAIR LEAK IN ALCOHOL TANK & SERVICE.	
		REMOVE OXYGEN TANK & HYDROSTATIC CHECKED. REINSTALLED & SERVICED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED 1/2 A.D. ANNUAL INSPECTION & WAS FOUND TO BE AIRWORTHY.	
			PAUL PANTERS 5058827651A

INSPECTION RECORD

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
3-8-89	TACH READS 1114.3	1/2 A.D. 87-21-02 INSTALLED KITS TO REDUCE FUEL FILLER SIZE OPENINGS. PAUL PANTERS A/P 5058827651A
	2765 1A	
5-23-89		REPLACE AUX FUEL TANKS IN RIGHT WING BECAUSE OF LEAKS. LEFT & OUTBOARD TANK 1/2 5026102-3 INBOARD TANK 1/2 0823362-3. FILL CULCS & CHECK FOR LEAKS. A/C TEST FUEL. OK FOR RETURN TO SERVICE. PAUL PANTERS 5058827651A

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE 3-10-89 Aircraft Time in Service
 Tach Time: 1121 Hobbs
 checked Blind Encoder ~~571~~ 35794 to 20,000
 feet and found to check within limits

I Certify that the ALTITUDE SYSTEM and ALTITUDE
 Reporting Equipment Test and Inspections Required

By 1.171 has been performed this Date and
 found to comply with FAR Part 43 Appendices E & F.

The Altimeter was tested to N/A feet on

N/A Date. Static System Test 3-10-89 Date:

Signed [Signature] Cert. No. 2312058

For Avionic Systems, Inc., Repair Station 312-13
 Radio.

3/14/89 H/A 1129.2 Installed new De-ice valve in left
 hand nacelle. Clean de-ice valve in it
 nacelle. Installed new brake rotor on
 left main wheel.
 Gail H. Mallett A.P. 21350/3

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME
IN SERVICE

This aircraft stripped of all paint, etched, and re-
 painted with Dupont Imron system. Control sur-
 faces static balance checked in accordance with
 service manual. AC 43.13-1A

Aircraft inspected approved for return to ser-
 vice as airworthy

Color codes Imron base

approved by [Signature]

date 12-3-89

12-5-89 Interior refurbished, seats side panels carpet & headliner.
 all materials treated and/or treated per FAR 23.852(e) &
 "applicability" for burn test requirements. Results on
 file @ Tri-State Airframe Inc. [Signature]
 A.P. 2225372/1A

12-3-89 Removal broken rudder trim jack screw assembly.
 installed used serviceable assembly of new heavy duty
 type. [Signature] A.P. 2225372/1A

INSPECTION RECORD

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
1/26/90	1305	Replaced brake linings. Bleed brakes. Adjusted RH strut level. Replaced beacon bulb & L H nav light. Replaced Nose Tire & left main tire. Dressed props. RH brake disc replaced. Sincel prop controls. RH MP adjusted. Tachometers overhauled and EGT gage overhauled by PST. Both Flow dividers checked by Aircraft Fuel systems. All control cables lubed. Glass shield repaired warning lights repaired.
REDLANDS AVIATION FAA REPAIR STATION #08-89 Redlands, California 92374		

 Auth. Sig. *[Signature]*

4/5/90		Removed ARC 400 Series G/S Receiver, MB Receiver, Transponder, Navs and Cons, ARC 800 Audio Panel, King KN65 DME, RCA AIG 47 Radar, and King 610 Awa Nav System. Installed King KX155 Nav Cons (2), KMA24 Audio Panel, and KN64 DME. Form 337 and Weight and Balance completed. Tests Satisfactory. No. 23231
Brackett Aircraft Repair Station #4512 Class 1, 11, and Limited <i>[Signature]</i>		

INSPECTION RECORD

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
7-17-90		Annual Inspection accomplished. Installed both upper rib caps at L2.S. 75.21 Left & Right. Repairs using skin (upper) cracks on both sides at same station. Installed Sessner Service Kit SK-414 using rib improvement - Main landing gear side brace. Rig main landing gear. AD 90-02-13 Upper strut Barnett Insp due by insp. AD 76-02-07 Prestolite att. bearing inspection due by insp & lubrication. AD 75-23-08 R5 Exhaust system inspection due by inspection. AD 78-06-01 TCM Elbow insp due by inspection. Left windshield replaced as per Cessna Service Manual. Pilots Fuel weather window & seal replaced. Rt main tire replaced. Aircraft Battery replaced. All control Flap hinge pins replaced. Rt main Fuel tank sump drain replaced. Elevator to actuator attach bolts replaced. Elevator trim actuator repaired. Elevator & rudder trim actuators rods treated for corrosion & repainted. R/R FIT for repair. ELT Battery due 6/91. Upper cabin door arm repaired. Seat stops replaced in cabin. Aileron trim travel rechecked (over)
Hubbs	1313	
Total AF	4038.4	
TSMOH Left	206.8	
TSMOH Rt	206.8	
TSPDH Lt	206.8	
TSPDH Rt	206.8	
W22	1333	

INSPECTION RECORD

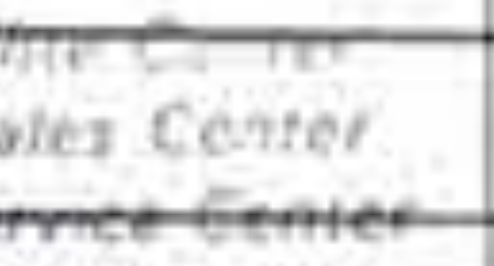
F.A.R. 43.11 - 91.217

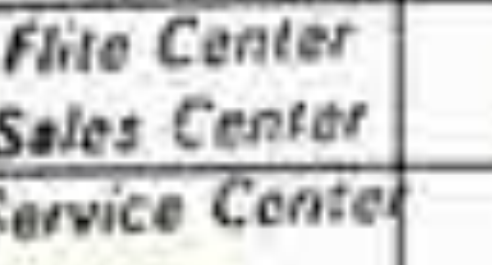
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
(Cont 401333)		Rudder cable tension adjusted. Shimmy damper reserled. Battery box treated for corrosion & painted. Nose baggage door seals replaced. Replaced left prop spinner. Nose gear door bonding strap repaired. Left brake linings replaced. Fuel filler placard replaced. DATE: 7-17-90 REDLANDS AVIATION FAA REPAIR STATION RDR 497H 1795 Sassums Drive Redlands, California 92374 I CERTIFY THAT THIS <u>Boeing 737</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Aircraft</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN SERVICE. PERTINENT DETAILS ON FILE UNDER ORDER NUMBER <u>1333</u> HOUR METER/ENGINE TACH. <u>1313</u> TOTAL TIME <u>4088.4</u> A.D. NOTES THROUGH ISSUE NUMBER <u>90-18</u> CO-PILOT: <u>unassigned</u> AUTHORIZED SIGNATURE: <u>Tom H. Spackman</u>
10/27/90	7069.5	Replaced all brake linings & overhauled R/H wheel cyl. Overhauled R/A dec. struts. Replaced R Decals #47/805384

INSPECTION RECORD

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
		TRANSPONDER SYSTEM INSPECTED IAW FAR 91.413 TESTED IAW FAR 43 APPENDIX F, DATE <u>17-may-91</u> INSPECTOR <u>Thermon 2307800</u> STERLING AVIONICS CRS #WQ3R954L
		THE ALTIMETER, ALTITUDE REPORTING, AND STATIC SYSTEM TESTS REQUIRED BY FAR. PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER <u>(S)</u> ALTITUDE REPORTING SYSTEM HAVE BEEN TESTED TO <u>35,000</u> FT INSPECTOR <u>Thermon 2307800</u> DATE <u>17-may-91</u> STERLING AVIONICS CRS #WQ3R954L

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-5-91	Tach 22.3 W/O 22649	
① Installed GE1683 lamp in rotating beacon. ② Repaired broken wire on right nav light. ③ C/W AD 75-23-08 RS by pressure check - welded crack in left turbo. ④ Installed new O ₂ gage line. ⑤ Bled left engine oil pressure gage line. ⑥ Installed serviceable Turn-A-Bank S/N 670 ⑦ Installed new hobbs meter. Old hobbs ⑧ Installed new brake pad on right main gear.		
 NAVAJO AVIATION BUCHANAN FIELD 145 JOHN GLENN DRIVE FAA CRS COPR 935C (415) 685-1150		
 Pilot Center Sales Center Service Center		

INSPECTION RECORD 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
8-15-91	W/O 22851	
I certify that this Airframe has been inspected in accordance with a <u>100 hr / Annual</u> inspection and was determined to be in a <u>worthy</u> condition.		
Total Time	4534.2 Tach. 62.1	
Mechanic	Aug D Mina No. COPR 935C	
 NAVAJO AVIATION BUCHANAN FIELD 145 JOHN GLENN DRIVE FAA CRS COPR 935C (415) 685-1150		
 Pilot Center Sales Center Service Center		
① Performed 100 hr / Annual IAW Cessna Service Manual 7ND778-30-13. ② Repaired several broken wire in prop deice circuit. ③ Installed several GE327 lamps in instrument panel post lights. ④ Reamed right engine cowling nose bowl with fiber glass patch. ⑤ Installed new right engine air/oil separator bracket. ⑥ Installed 40 CR3243-4-5 rivets to replace missing rivets in underside of wing. ⑦ Installed 4 fuel cap "O" rings. ⑧ Installed new bolt in elevator control rod attach. ⑨ Installed new gaskets in left & right tip tank fuel pumps. ⑩ Trimmed left flap control rod bulkhead penetration. ⑪ Installed new left prop governor rod end. ⑫ Cleaned under floorboards near toilet & primed. ⑬ Serviced battery with water & charged battery. ⑭ C/W AD 21-09-09 IAW Southwind 250 hr insp.		
-END-		
8/31/91.	HOBBS: 78.5	① Replaced defective L. aux fuel pump with a new unit from Cessna. S/N D. 08842 "off" S/N D. 50485 "on". ② Replaced 'O' Rings on leaking L. aux. fuel drain valve. ③ Trouble shoot L. aux fuel gauge - replaced L. inboard fuel capacitance & repaired shored wire on

INSPECTION RECORD

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
		On-Board maint. (A) Replaced Copilot - Stron window seal. (S) Repaired Broken window Several port windows.
8/31/91	A/C TIME _____ ENG. TIME _____ W.O. # 8813	The maintenance operations described above were inspected and, with respect to the work performed, the aircraft and/or component is airworthy for return to service. Details are on file at this agency under above referenced work order.
		SIGNED: <u>[Signature]</u> for PACIFIC STATES AVIATION INC. - REPAIR STATION NO. CPFR948C
11/20/91	Hobbs. 100.0	50 hour inspection — 50 hour inspection completed. checked & lubed all flight controls. checked all lights. checked & charged battery. (1) Press. leak checked Bow Exhaust System. (2) Replaced Boacan life bulb. (3) chg SLB MEB 88-3 - fuel boost pump Mod. (4) Replaced defective resistor for Left Aux

INSPECTION RECORD

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
		Body - pump.
11/20/91	A/C TIME _____ ENG. TIME _____ W.O. # 4584.3 702.7 8915	The maintenance operations described above were inspected and, with respect to the work performed, the aircraft and/or component is airworthy for return to service. Details are on file at this agency under above referenced work order.
		SIGNED: <u>[Signature]</u> for PACIFIC STATES AVIATION INC. - REPAIR STATION NO. CPFR948C
9/4/92	Hobbs 126.8 A/C T.T. 4611.3	Annual inspection — Annual inspection carried. I.A.W. Pacific States approved Maint. Program. checked & lubed all flight controls. checked all lights. checked & charged Battery. Performed Landing gear retraction check. Performed emergency extension check. Checked Landing gear rigging - Okay. (1) Press. leak checked Exhaust

INSPECTION RECORD

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
		Systems on both Engines. (2) Secured loose 'B' nut on fuel line in board of L. Eng. (3) Replaced broken alternate air cable. (4) Straightened R.H. alt. cable for easy movement + checked rigging on both cables. (5) Replaced leaking L. wing in board aux tank fuel cell with O.H. unit. Leak checked OK. (6) Calibrated all fuel tanks - Quantity gauge. (7) Replaced missing anchor nuts for securing cabin floor panels. (8) Replaced E.C.T. Battery, near due Sept 94. (9) Cleaned fuse holder for L. wing stroke lite. Replaced fuse. O.P.'s checked Okay. (10) Removed tail rotating beacon - repaired by wheelbar - reinstalled checked. Okay. (11) Replaced tail stroke lite unit with new assembly. (12) Replaced missing lens. for L. wing locker + replaced bulb. (13) Serviced oxygen to 1800 P.S.I.

INSPECTION RECORD

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
		(14) Repaired connections for Cabin Seat Belt, O.N. Sign + Pres. Oxygen Sign. O.P.'s checked Okay. (15) Replaced burn - bulbs on side panel lites + inst. light bulbs. (16) Serviced compass. + compass swing earned out. (17) Secured L. seat arm rest. (18) installed survivor holding up brackets on both sides. (19) alt heater decay check A.D. 81-09-09 - Okay. (20) Replaced worn torque plate for brake caliper on R. Main wheel. Bled brakes. (21) Repaired by welding exhaust M.F. to waste gate on L. Eng. Checked A.D.'s to date. Okay. (22) Rudder repaired after wind damage by replacing Rear Spar ribs. (23) Repaired tail cone bulk head - by replacing bulk head. HEATER NO. 503.5 Hours

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICEDATE 9/4/92 AIRCRAFT TIME 4611.3 IN SERVICE L. 00.00
R. 750.8 9155
ENG. TIME W.O. #

The maintenance operations described above were inspected and, with respect to the work performed, the aircraft and/or component is airworthy for return to service. Details are on file at this agency under above referenced work order.

SIGNED: [Signature] for
PACIFIC STATES AVIATION INC. - REPAIR STATION NO. CPFR948CWHELEN ENGINEERING COMPANY FAA MMF E19-50
Route 145, Winthrop Road
Chester, Connecticut 06412-0684

SERVICEABLE

Unit W R M L Ser. No. 000983

The component identified above was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this repair station under

W/O No. 411265 Date 8-28-92

Insp. [Signature]

93

DATE AIRCRAFT TIME IN SERVICE

11-2-93

279.6

Hobbs

4764.1

Tota A/F

551.5

HEATER.

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICEAnnual Inspection Performed
IAW Cessna 414 Service
Manual for Approved Periodic
Maintenance.

Lubed All Pulleys + CABLES. Repacked

ALL wheel BEARINGS. Completed Re-tract.
test. O.K. ① Installed Remanufactured Fuel
Cell P/N 0823362-3 S/N 74-63120 Rt. AUX
Position. See Attached yellow TAG. ② Removed
Battery Box Cleared + Painted. ③ Repaired gear
warning Horn ④ Installed New VACUUM Regulator
Filters. ⑤ AND Adjusted Lft. VACUUM Regulator.I Certify that this AIRFRAME HAS
Been Inspected IAW AN Annual Inspection
& WAS FOUND TO BE in AN Airworthy Condition.ALL A.D's reviewed thru
M21-93[Signature]
KENNETH E. FUNK
AP566157942IA