

AIRCRAFT DESCRIPTION

MANUFACTURER CESSNA MODEL 177 CARDINAL DATE OF MFG. 1968
SERIAL NUMBER 17700627 REGISTRATION NUMBER N3327T

REGISTERED OWNER DAVID L. DONAHUE

STREET ADDRESS 1010 E. CITATION

CITY, STATE, ZIP TEMPE, ARIZ 85284

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.
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PR

LOG BOOK ENTRY FOR: Cessna 177, N3327T, S/N 17700627

December 03, 1991 Tach Reads 356.9 hrs, TTAC 2544.4 hrs

Installed new Apollo Model 800+ Flybuddy Loran-C system with Central Region US/Canada Database Card and A-16 Antenna.

Existing Narco AT-50A Transponder was relocated to right side radio rack located below glove box using fabricated rear support bracket from rear of AT-50A tray to bottom of glove box. Apollo 800+ Loran-C receiver was then mounted in bottom of center instrument panel radio rack. A-16 antenna was mounted on top of fuselage at station location #134.1 using fabricated 0.032" 2024T-3 aluminum doubler riveted to fuselage skin.

All installation work was done in accordance with II Morrow installation manual and AC 43.13-2A, Chapter #2, Paragraphs 21, 22, 23, and 27, and Chapter #3, Paragraphs 36 and 38. Also, the Apollo 800+ Loran-C system was installed and tested in accordance with AC 20-121A and is approved for VFR use only. A permanent placard was installed on the instrument panel below the Loran receiver indicating to the pilot "LORAN-C NOT APPROVED FOR IFR".

New weight and balance and equipment list revision was prepared and entered into aircraft flight manual. Also, prepared FAA Form 337 dated December 3, 1991 and entered into aircraft flight manual with a copy submitted to FAA.

NOTE: The previous weight and balance data available for this aircraft appears to be in error. There is no record for the installation of the AT-50A Transponder or Sigtronics SPA-400 Intercom. An owner installed ELT (EBC-102A) noted in airframe log book entry dated 6-8-74 does not have a related weight and balance data revision. The installation of the MK-12D Nav/Com #1 with IDME-891, MK-12D Nav/Com #2 with ID-824, AM-550 Audio Panel/3LMB, AR-850 Altitude Encoder and associated antennas and removal of ARC RT-540A Nav/Com with IN-514R Indicator were noted on FAA Form 337 dated 4-17-89 as having revised the weight and balance data but no such data exists and in fact the related airframe log book entry dated 4-14-89 states that there was no change to weight and balance resulting from this major avionics change. Customer was advised of the need for re-weighing of the aircraft to re-establish accurate weight and balance data.

Signed: Robert J. Bates
Robert J. Bates, for

Spencer Avionics, Inc.
Spencer, Iowa 51301
CRS #KU2R965K

INSTALLED EQUIPMENT

[illegible]

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
76-07-12	Bendix IGN Switches	09-06-87 2181.6	INSPECTION		NEXT ANNUAL	David L. Donahue IA 214944
71-24-4	Fuel Hose	09-06-87 2181.6	INSPECTION		NEXT ANNUAL	" "
06-19-11	Quick Drain		QUICK N/A DRAINS INSTALLED AND		OPERATING	REPAIRS DAILY
76-07-12	Bendix IGN SW.	04-10-89 2187.5	INSPECTION		NEXT ANNUAL	David L. Donahue IA 214944
71-24-4	Fuel Hose	04-10-89 2187.5	REPLACED ALL FUEL HOSE FWF		NEXT ANNUAL	David L. Donahue IA 214944
76-07-12	Bendix SW.	05-01-90 2372.5	INSPECTION		NEXT ANNUAL	David L. Donahue
90-04-06	Fittings on prop gas	05-11-90 2372.5	INSTALLED SEAL FITTING PER AD		ONE TIME	David L. Donahue
87-20-03	SEAT	05-01-90 2372.5	INSPECTION		ANNUAL	David L. Donahue

N3327T

[illegible]

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
8-8-87	TACH 331	new FRONT Tire+Tube 6PLY 50x5	owner John Lathell
8-8-87	" "	oil change	" " "
02-28-89		INSTALLED ENGINE ON AIRCRAFT	David L. Donahue IA 2149441
04-10-89	TACH 5.9	FINAL INSTALLATION OF LYC 036 AIA 180 HP ENGINE AND HARTZELL PROP AVCON CONVERSION STC# SA906CE SEE FORM 337 AND WT & BAL FOR CHANGES IN OPERATIONAL PROCEDURES.	
		REPLACED TACH. @ 3MOH	David L. Donahue IA 2149441
04-10-89		REPLACED STATIC LINES AND INSTALLED OVERHAULED AIRSPEED INDICATOR, VERTICAL SPEED INDICATOR	
		INSTALLED	David L. Donahue IA 2149441
04-14-89		INSTALLED Dual MK 12D RADIOS AND 824 - 891 INDICATORS NO WT CHANGE SAME AS OLD RADIO. REMOVED WITH INDICATOR - SEE 337 DATED 04-12-89 FOR EQUIP ADDED.	

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
09-06-87	2181.6	I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTION
		IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
		WAS FOUND TO BE IN AIRWORTHY CONDITION.
		TOTAL TIME 2181.6
		TACH TIME 335.0
		Paul J. Ruchow EA2149441
		09-06-87

TO ARTEX 24368 S Skylane Dr Canby, OR 97013
 (503)266-3959 800-547-8901
 LOG BOOK ENTRY
 E.L.T. BATTERY REPLACEMENT DATE 9-6-87

04-10-89 INSTALLED LYC 0360-A1A 180HP engine TACH TIME 5.9
 Paul J. Ruchow

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
04-10-89		I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and found to be in airworthy condition. Total Time <u>2187.5</u> Time since ovh. <u>5.9</u> David L. Donahue IA2149441 <i>David L. Donahue</i> 04-10¹⁰-89 DA
09-06-89		REPLACED BATT AFTER Being overhauled By FACTORY see yellow TAG Dated 8-18-89 New BATTERY INSTALLED BATT DUE DATE AUG 1991 <i>David L. Donahue</i> AE/2149441

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05-01-90

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	
6-14-90	TACH	336.8	COMPLETED 100 HR INSP THIS DATE.
6-19-91	AF TOTAL	2524.3	COMPLETED WITH AD 76-07-12 BY FUNCTIONAL
& Hunt	ENG TOTAL	2753.8	CHECK OF BENDIX IGNITION SWITCH.
	ENG SMOH	336.8	COMPLETED WITH AD 87-20-03 BY INSPECTION
	PROP TOTAL	UNK	OF SEATS & TRACKS. (INSTALLED NEW C17312-3
	PROP SON	336.8	BULB IN BEACON.
	ELECT BATT	AUG 91	
			I CERTIFIED THAT THIS AIRCRAFT
			HAS BEEN INSPECTED IN
			ACCORDANCE WITH AN ANNUAL
			INSPECTION AND WAS DETERMINED
			TO BE IN AIRWORTHY CONDITION
			ST. GEORGE AIR SVS.
			801-628-2778
			Calvin Hunt 1A 2164546

2-7-92 Installed new Concorde Battery
Jim Danbom Owner

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
10-23-92	TACH TIME 368.1	AIRCRAFT TOTAL TIME 2555.6 CLEANED & REPACKED WHEEL BRNS REMOVED & REINSTALLED COMBINATION GAUGE (MANIFOLD & FUEL) UNITED INSTRUMENT S/N 93612 FOR OVERHAUL. OVERHAULED BY RUOY AIRCRAFT INSTRUMENTS CRS# RIZR-316K UNDER W.O.# 4091 DATED 9-23-92. REMOVED CHT & CARB HEAT TEMP GAUGE AND INSTALLED OVERHAULED UNIT P/N 29-2002 S/N 5982. OVERHAULED BY CENTURY INSTRUMENT CORP. CRS# TJ2R189L UNDER W.O. A 61804 DATED 10-5-92. INSTALLED NEW EGT PROBE IN EXHAUST. INSTALLED NEW SPRING LATCH ASSY P/N 1717053-3 AND SPACER P/N 1411206-1 IN RIGHT DOOR. INSTALLED NEW BUSHINGS 4EA P/N 8L8F IN NOSE GEAR TORQUE LINKS. TIGHTEN ELEVATOR AND AILERON CABLES TO SPECS AND CHECK RIBBING. INSTALLED NEW AIR FILTER P/N BA-5705. REMOVE CORROSION FROM AROUND BATTERY BOX AND TREAT WITH ZINC CHROMATE. COMPLIED WITH A.D. 71-24-04 BY PRESSURIZING FUEL SYSTEM AND INSPECT FOR LEAKS. COMPLIED WITH A.D. 87-20-03 R2 PARA C. 1 THRU 7 ON SEAT RAILS AND FOUND SERVICEABLE FOR RETURN TO SERVICE. COMPLIED WITH AD 76-07-12 BY OPS CHECK OF MAGNETO SWITCH AND FOUND SERVICEABLE. INSTALLED NEW BATTERY IN ELT AND PERFORMED OPS CHECK. NEW EXPIRATION DATE 1/94. INSTALLED INNER SUPPLIED LOWER COWL FAIRING AND EXHAUST FAIRING IN ACCORDANCE WITH DRAWINGS AND SPEC SHEETS RECEIVED FROM C² ENTERPRISE, INC. SEE 337 DATED 10-23-92. REVISED WEIGHT & BALANCE DATA AND ADDED TO EQUIPMENT LIST. THIS INSTALLATION REQUIRES

F.A.R. 43.11 - 91.217

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		TEST FLIGHT TO CHECK TEMP PARAMETERS BEFORE RETURN TO SERVICE. CLEANED
		FUEL FILTER AND SERVICED BRAKES. RESEALED WINDOWS IN DOORS. AIRCRAFT RUN-UP
		AND ALL SYSTEMS CHECK SATISFACTORY FOR RETURN TO SERVICE. /END/
		Robert J Willey A.P2196554
		I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH
		AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY
		CONDITION.
		Robert J Willey IA2196554

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	
5-4-94		Tach: 378	Total Time 2565.5
Inspected Entire airframe. checked all pullys, cables and turnbuckles Replaced tail nav lite bulb. Adjusted Right door stop. checked tires & brakes. Performed ADs 76-07-12 bendix Switch. 71-21-04 Flom Flurd lines. 87-20-03 seat tracks.			
(Aircraft needs weighed, and a new weight and ballance sheet made out.			
Dave A Deel A+P 472688597 IA.			

5/13/94 Tach 379.0 Did A Weighing Report At
This Time See Weighing Report 5/13/94

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE
IDENTIFIED BELOW 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 REPAIRS
ARE ON FILE AT THIS REPAIR STATION

WORK ORDER # 1560 DATE 5/13/94

SIGNED Mitchell FOR

NORTH STAR AVIATION, INC. MANKATO, MN 56001 FAA CRS# NUTR521L

5-14-94 Tach 380.0

I certify that this Aircraft has been Inspected in
accordance with an annual inspection, and has been
determined to be in an airworthy condition.

Dave A Noel AIP 472688597 IA,

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
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SPENCER AVIONICS

Municipal Airport Spencer, Iowa 51301

FAA Repair Station #KU2R965K

I certify that the altimeter, altitude reporting, and static system tests required by FAR91.411 have been performed. The altimeter was tested to 20,000 ft.

Signature Quentin J. De Hart Date 5-19-94**SPENCER AVIONICS**

Municipal Airport Spencer, Iowa 51301

FAA Repair Station #KU2R965K

This is to certify that the ATC transponder below has been inspected and tested as required by FAR91.413 and to be in compliance with Appendix E and F of FAR 43.

Model # AT-50A S/N # 43578W.O. # 14287 Date # 5-19-94Inspector Quentin J. De Hart AV # 2444344

LOG BOOK ENTRY FOR: Cessna 177, N3327T, S/N 17700627

May 24, 1994

Tach Reads 387.8 hrs, TTAC 2187.5 hrs

Installed following equipment into aircraft:

- a) Used King KR-85 ADF System including used KI-225 ADF Indicator, used KA-42A ADF Loop antenna, and new King P/N 050-1300-00 ADF Long Wire Sense Antenna system
- b) PTT Switch Assembly for Co-pilot's Control Wheel

KR-85 receiver was mounting in extreme right side of instrument in previous glove box location and KI-225 ADF indicator was located in extreme left side instrument panel factory provided 2.25" instrument hole that was enlarged to 3.125" size. KA-42A loop antenna was mounted on fuselage belly at station location #104.0 using factory provided mounting doubler riveted to fuselage skin. Installed long wire sense antenna with ceramic feed thru insulator on top of forward fuselage area above co-pilot's seat with antenna anchored near top of vertical stabilizer.

All installation work was done in accordance with King factory installation manual and AC 43.13-2A. Chapter #2, Paragraphs 21, 22, 23,

CB2 #K05B6E2K

ZENITH AVIONICS, INC.

#143A & #148A.
 Complied with Hartzell Instr. #12, #615, #185
 F.A.R. 43.1

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT	KIND OF INSPECTION - STATUS & DISPOSITION
9-3-94	Tach 441.9 TT 2241.6	Prop TT 224 436.0 PSMOTH 00	
Remove propeller - Hartzell Model HC-C24K-1BF / F7666A-2 SIN CH 3249 and sent to Maxwell Aircraft Service for overhaul. Installed Hartzell propeller Model HC-C24K-1BF / F7666A-2 SIN CH 3249 after overhaul. Remove & replace L&R fuel tank cap O-ring seals. Remove & replace radio rheostat switch P/N 51880-2. Steven Daulton ACP485546694			
10-5-95	Tach 491.7 TT 2291.4	TTProp 485.8 PSMOTH 49.8	
Clean & grease gear. Repack wheel bearings. Remove & replace vac filter with B3-5-1. Remove & replace night wing dome lamp bulb GE94. Remove & replace ELT Battery with BP-1045 But good till 11-97 C/w FAR 91 207(d) ELT Inspection. Inspected prop blades for nicks. AD compliance list in rear of logbook. 10-5-95 Prepared aircraft for annual inspection. Aircraft has been inspected in accordance with an Annual Steven Daulton ACP485546694 inspection and was determined to be in airworthy condition Signature: Steven Daulton A & P No. 485546694 IA			

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
July 18, 1996		Replaced Windshield with L.P. Aero plastics 14 inch Windshield Work done I.P.W. SIC SA00382N, and L.P. Aero plastics installation instructions See 337 dated 7/19/96. Tech Reps 553.2 Malcolm S. Redwine CRS MM3R 689 L W.O.# 4760.

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

W.O. # 4894
Approved for Nation Service
Ma Calvin S. Redwood
Sage Air Service
Carson City Airport
Carson City, NV 89706
Approved Repair Station
MM3R689L

F.A.R. 43.11 - 91.217

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

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8-29-97		80 hr oil change - new oil filter & 8 qt philips x2050 oil. done by S. I. I. S. I. S. Aircraft. invoice #5213 Total hr ^{Tax} 629.2 Malcolm Redwine CRS - MM3R6891

F.A.R. 43.11 - 91.217

W.O. # 5329
Approved for Return Service
Malcolm S. Redhouse
Silver Sky Aviation
Carson City Airport
Carson City, NV 89708
Approved Repair Station
MM3R689L

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
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Altimeter tests performed 2/21/98
as per F.A.R. 91.411 I.A.W. Part 43
Appendix E, Mod. 1845X-403 s/n 2422
for Silver Sky
MM3R689L

ALTIMETER SCALE ERROR		(SEE NOTE ON REVERSE SIDE)	
NOMENCLATURE <u>1845X-4-03</u>		SERIAL NO. <u>2422</u>	
ALTIMETER PRESSURE			
TEST PT (ft)	ADD	TEST PT (ft)	ADD
-1000	+5	8000	-10
0	+10	10000	-30
500	+5	12000	-40
1000	0	14000	-40
1500	-5	16000	-45
2000	-15	18000	-60
2500	-15	20000	-70
3000	-10	22000	-65
4000	-10	25000	-55
5000	0	30000	+10
6000	-5	35000	+145
DATE: <u>2-12-98</u>		TESTED BY: <u>DAB</u>	

House MUNICIPAL AIRPORT
2389 Rickenbacker Way
Auburn, CA 95602

ation Number NG3R709L

2 1998

W.O.

71888

ALTIMETER

ne KOLLSMAN

845X-4-03

122

OVERHAULED

K. Olney 2371311

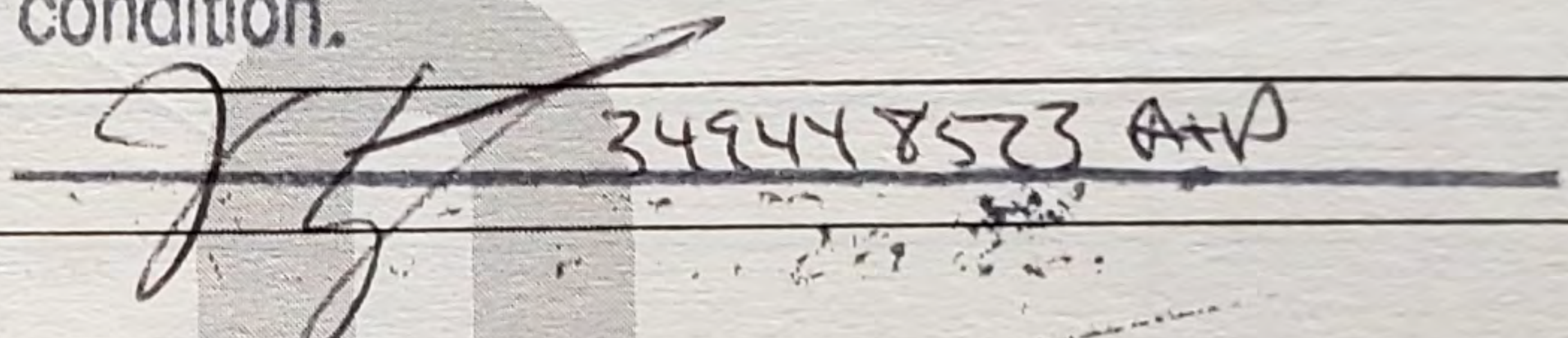
Transponder tests performed 2/22/98
as per FAR 91.413 I.A.W. part 43
Appendix F. Mod. AT-50A s/n 4378
Tech. Ryan B. [Signature] for Silver Sky Aviation
Carson City, Nv. 89706 MM3R689L

F.A.R. 43.11 - 91.217

RON HITCHCOCK CRS# EVR306N

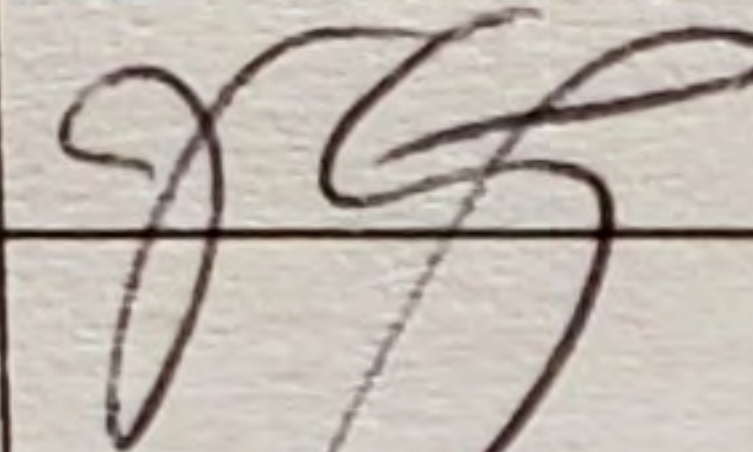
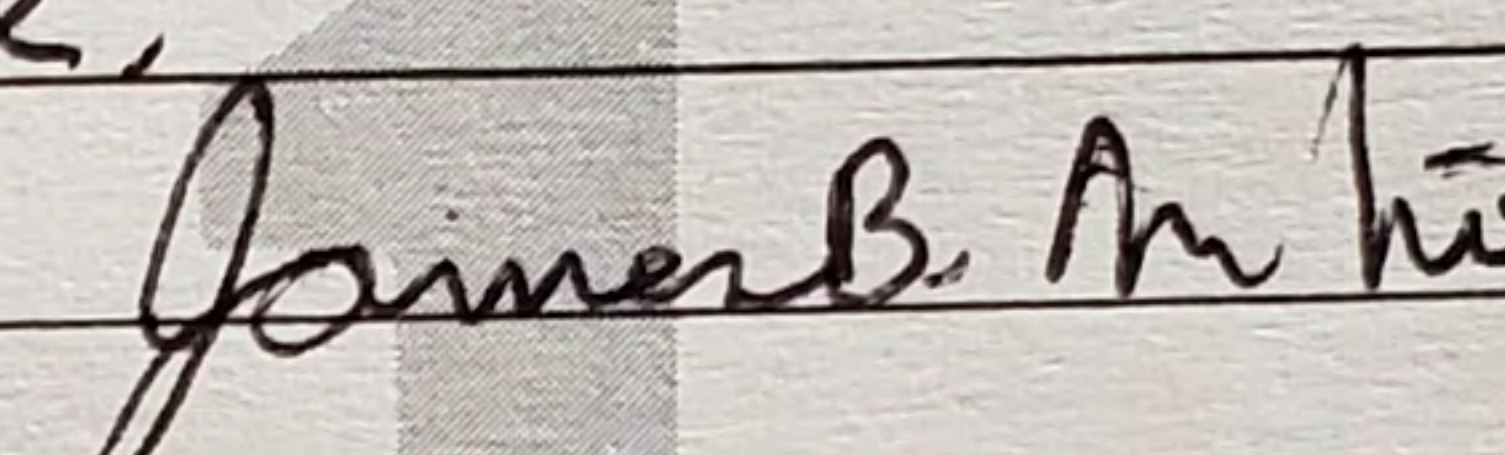
INSPECTION RECORD

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
8-5-98	722.1	50 hr oil change and filter 8 qt phillips 20-50
		oil by owner Tana Smith - cert no 2019680
Date	Jan 7	, 1999
I Certify that this		Airframe has been inspected in accordance with a(n) Annual inspection and has been found to be in an airworthy condition.
		
TACH / Hobbs Time		730.4
TSMOH		, Total Time 2917.9
A.D. Notes Checked Through		98-23
		C.W. A.D.# 86-26-04 by removing spring from upper
		adjuster per S.B. 86-8. C.W. A.D. 87-20-03 R2 by
		inspection, no defects noted, next due 3017 H or
		1/00. Replaced nose tire with new. Replaced
		E.L.T. with a new E-01, T.S.O. unit, ops ✓
		ok, batteries expire March 01. Resealed left
		fuel quantity transmitter. Replace central vacuum
		filter. Repaired fuel leak at header tank.

INSPECTION RECORD

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6/7/99	755.7	R+R D.G. with a new "Sigma-Tec" D.G.
		 349448523 A+P
1/1/03	Tack 814-3	Started Log book #3, Nothing follows
		in this log Book,
		 524173904

AD's

76-07-12 Bendix Switch

ea Annual

71-24-04 Flam. Fluid lines

ea Annual

87-20-03 Seat tracks

ea Annual