

THE
adlogTM

**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

[REDACTED]

[REDACTED]

**AIRFRAME
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8-6-04			A/c weighed this date for new Wt & Bal. Empty 1485.0 Lbs. C.G. 106.17 in. Moment 157987.5 in. lb. Useful load 862.0 Lbs. [Redacted Signature]
 Pacific States Aviation, Inc. CRS# [Redacted]			
2004			Aircraft: N3138T Model: 177 S/N: 17700438 Date: 5/20/04 Hobbs/Tach: 915.5 W.O.#: 12709 Accomplished the following: Installed new voltage regulator P/N DGR6 S/N 80421744 and circuit breaker/sensor P/N CA-2. Ground run and operational checks OK this date. This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service. Pertinent details are on file at this agency under the above work order number. [Redacted Signature] Signed: [Redacted] for Pacific States Aviation, Inc. - Repair Station No. [Redacted]

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			 Duchanan Field Airport Concord, CA. 94520-5615 LOGBOOK ENTRY FAX [REDACTED] Date: <u>4/15/2005</u> <u>Removed existing PM1000 intercom.</u> <u>Replaced with new PM1000 II intercom.</u> <u>Added wiring & jacks to rear seats.</u> <u>System ops checks satisfactory.</u> <u>See FAA form 337 dated 4/15/2005 for</u> <u>Instructions for continuing airworthiness.</u> <u>Weight & Balance unaffected.</u> <u>End</u>
			Signed: [REDACTED] W.O.#: <u>31136</u> Reg.# <u>N3138T</u> Hobbs: <u>N/A</u> Tach: <u>1010.8</u> F.A.A. REPAIR STATION CERTIFICATE NO. [REDACTED]
			 Pacific States Aviation, Inc. CRS# [REDACTED] <u>2005</u> Aircraft: N3138T Model: O-320-E2D S/N: L-20535-27A Date: 10-20-05 Tach: 1054.4 W.O.#: 13170 Accomplished the following: Serviced with 8qts. Aeroshell 100w AD. Checked and cleaned oil screen with no foreign matter noted. Performed run up with no leaks noted for work performed at this time. This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at this agency under the above work order number. Signed: [REDACTED] for Pacific States Aviation, Inc. - Repair Station No. [REDACTED]

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STERLING

Removed defective Attitude Horizon and replaced with NEW like item P/N 5000-B36, S/N T88663N. Also replaced central air filter P/N AAD-9-14-5 with New filter. Attitude Horizon flight checked satisfactorily.

- END

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed:

Dated: 10/25/2005 N#:N3138T

Tach: 1057.0

TTSN:

HOBBS.

For more info see w/o #31552

TACH TIME: 1077.8

INSPECTED AIRCRAFT IN ACCORDANCE WITH THE FULL SCOPE AND
DETAIL OF FAR 43 APPENDIX (D) AND THE CESSNA 177 ANNUAL INSPECTION
CHECKLIST. INSTALLED 8 NEW REM40E SPARK PLUGS.
INSTALLED NEW ARTEX ELT BATTERY DUE @JUN 08. INSTALLED NEW
BA-5705 INDUCTION AIR FILTER. SERVICED NOSE STRUT ASSEMBLY WITH 5606 FLUID
AND NITROGEN PER 177 SERVICE MANUAL. TREATED WINGS WITH ACF 50 ANTI
CORROSION TREATMENT. PERFORMED INSPECTION/TEST ON ELT UNIT IAW FAR
91.207. REMOVED WHEELS AND SERVICED BEARINGS. LUBRICATED MOVING PARTS.
INSTALLED STC SA01889NY, LOWER COWL FAIRING, SEE 337. I CERTIFY THAT THIS
AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
FOUND TO BE IN AIRWORTHY CONDITION. SEE AD COMPLIANCE REPORT IN LOG
PACKAGE.

Joseph Fields [REDACTED] APLA

TACH TIME:

1089,3

**DRAINED ENGINE OIL AND INSPECTED FILTER.
ADDED 7 QTS AEROSHELL W100 OIL.
PERFORMED GROUND TEST RUN, NO LEAKS NOTED.**

Joseph Fields AP

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			DATE: 23 JUN. 2007 REG NO: N3138T S/N: 17700438 TACH: 1117.6
			FIELDS AVIATION MAINTENANCE • RESTORATIONS • INTERIORS
			INSPECTED AIRFRAME IN ACCORDANCE WITH THE FULL SCOPE AND DETAIL OF FAR 43 APP(D) AND THE C-177 ANNUAL INSPECTION CHECKLIST. PERFORMED INSPECTION ON ELT UNIT IAW FAR 91.207. BATT DUE JUN. 2008. REMOVED INSPECTION PANELS, INSPECTED AND LUBRICATED AIRFRAME ACCORDING TO THE C-177 SERVICE MANUAL. REMOVED WHEELS, INSPECTED AND SERVICED WHEEL BEARINGS. REPLACED RH/LH BRAKE LININGS WITH NEW RAPCO RA66-105. REPLACED RH/LH BRAKE DISCS. INSTALLED NEW AIRHAWK 6.00X6 TIRES ON RH/LH MAIN WHEELS. INSTALLED NEW AIRHAWK 5.00X5 TIRE ON NOSE WHEEL. CLEANED AND NEUTRALIZED BATTERY BOX. REPLACED TAXI LIGHT BULB. SEALED PRIMER FITTING AT FIREWALL. REPLACED BUSHINGS AND BOLTS AT STABILATOR PIVOT WITH NEW HARDWARE, P/N NAS6606D17 AND 1732039-1. CHECKED ADS TO THIS DATE. I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.
			AUTHORIZED BY [REDACTED] AP [REDACTED] IA
10/10/08	Tach 1135		Aircraft total time = 2162 hr
			Annual inspection completed
			Per FAR 43 appex D Checked
			ELT Per FAR 91.207 - found airworthy
			Replaced ELT batt. new due date.
10/10			c/w AD 70-24-04 insp fuel
			shut off c/w AD 76-07-12 ignition
			switch check. c/w AD
			seat + trash insp.
			Replaced exhaust system
			w/a Power flow system Per § TC.
			# § A. 02674AT. System P/N PFS-13704
			SP 066. Replaced interior carpet
			w/ unit supplied by Interp. cont
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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2013	07/05/2013	Cessna S/N 17700438, N3138T Total Time 2165.0 Hours, 1138.2 Tach.	Rigged, lubricated and adjusted cable tension of flight control cables. Replaced nose landing gear hydraulic seals. Replaced Whelen Model 70509 flasher on vertical stabilizer. Replaced two horizontal stabilizer bolts P/N NAS464-6A15. Replaced ELT Battery and tested ELT.
			Michael P. Maley, A&P [redacted] IA Gillespie Field-KSEE- [redacted] TAILED July 15 2021
	06/23/2015	Cessna S/N 17700438, N3138T Total Time 2166.0 Hours, 1139.2 Tach.	I certify that I have inspected this engine as installed on N3138T in accordance with an annual inspection and found it to be in an airworthy condition. Compression 1) 77/80, 2) 76/80, 3) 77/80, 4) 78/80.
			Michael P. Maley, A&P [redacted] IA
2015	06/23/2015	Cessna S/N 17700438, N3138T Total Time 2166.0 Hours, 1139.2 Tach.	Inspected seat rails IAW AD 2011-10-09. I certify that I have inspected this aircraft in accordance with an annual inspection and found it to be in an airworthy condition.
			Michael P. Maley, A&P [redacted] IA
2017	02/02/2017	Cessna S/N 17700438, N3138T Total Time 2191.1 Hours, 1164.3 Tach.	Inspected IAW AD 2011-10-09 & 76-07-12. Installed new landing light lens. I certify that I have inspected this aircraft in accordance with an annual inspection and found it to be in an airworthy condition.
			Michael P. Maley, A&P [redacted] IA

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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2017 MAKE Cessna
MODEL 177
S/N 17700438
REG NO N3138T
WORK ORDER
3188-02-2017

NEAL AVIATION

Neal Aviation, LLC.
Repair Station No [REDACTED]
El Cajon, CA 92020
Phone [REDACTED]

DATE 2/6/2017
A/C TSN
TACH 11649

Airframe Entries

(1) I CERTIFY THAT THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 (A) HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX F

TRANSPONDER #1 S/N 38583

THIS AIRCRAFT, AIRFRAME, OR APPLIANCE INDEMNIFIED ABOVE HAS BEEN REPAIRED AND OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND MANUFACTURER DATA AND IS APPROVED TO RETURN TO SERVICE

MAINTENANCE RELEASE

THE AIRCRAFT AND/OR COMPONENT(S) ON N3138T WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FARs RULES OF THE FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER Work Order NO. 3188-02-2017, DATED 2/6/2017

DATE 2/6/2017 SIGNED [REDACTED] Work Order: 3188-02-2017
Printed by EBis 3 (dalcomedia.com)

2018

3-3-2018 N3138T CESSNA 177 17700438 (1967) TT: 2264.7 TACH: 1237.6
ENGINE LYCOMING 0320-E2D L-20535-27A TT: 2264.7 TOP: 757.2 (O/H--)
PROPELLER McCAULEY 1C172/TM E8564 TT: 2264.7 PERFORMED FAR
PART 91 NOT FOR HIRE ANNUAL INSPECTION IAW CESSNA 177 SERVICE
MANUAL AND FAR 43 APPENDIX D. INSPECTED WINGS, FUSELAGE,
CABIN, EMPENNAGE AND LANDING GEAR. CHECKED CONTROLS FOR
FREEDOM OF MOVEMENT AND STOPS. INSPECTED CABLES, PULLIES,
BELLCRANKS, CHAINS AND SPROCKETS. LUBED AIRFRAME AS
REQUIRED. INSPECTED FUEL SYSTEM AND NO WATER FOUND.
DRAINED FUEL BOWL AND RESAFTIED. C/W FAR 91.207d ELT CHECK OK.
REPLACED NARCO ELT10 ELT BATTERY. NEXT BATTERY DUE 3-2020.
FAR 91.411/413 IFR CHECKS DUE 2-2019. REPLACED BRACKET AIR FILTER
ELEMENT BA-5705. REPLACED D9-14-3 VACUMME FILTER ELEMENT.
AD'S CHECKED THRU 2018-04. C/W AD 70-24-04 FUEL SHUT OFF VALVE
OK. NID 1337.6 C/W AD 71-24-04 FUEL HOSE FLEX CHECK OK. NID 1337.6
C/W AD 76-07-12 MAG SWITCH GROUNDING CHECK OK. NID 1337.6 C/W
AD 73-03-03 R3 LUBED JACKSCREW OK. NID 1337.8 C/W AD 11-10-09 SEAT
RAIL AND ROLLERS OK. NID 3-2019 OR 1337.6 GROUND RUN UP, POWER
RUN AND LEAK CHECK OK. POST INSPECTION WALK AROUND OK.
MAINTENANCE BINDER BUILT AND PLACED WITH AIRCRAFT RECORDS.
I CERTIFT THAT THIS AIRCRAFT HAS BEEN INSPECTED WITH AN
ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY AS OF THIS
DATE. RAY HARKINS AP [REDACTED]....RAY [REDACTED]

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Alpha Avionics LLC

FAA Approved Repair Station # [REDACTED]

Inspector's Initials [REDACTED]

Pilot Static Work Order

Customer T.A.M

Date 3/12/19 N# 3138T

Page No. 9

Tester	Altimeter	Tester	Altimeter
-1,000	✓	10,000	-50
0	✓	12,000	-50
500	-20	14,000	-50
1,000	-20	16,000	-40
1,500	-20	18,000	-100
2,000	-20	20,000	-100
3,000	-20	22,000	
4,000	-20	25,000	
6,000	-30	30,000	
8,000	-40	35,000	

Make CESSNA 177

A/C Total Time 1301.8

Altimeter: Primary Stand-by

Preliminary Insp. ☒Hidden Damage Insp. ☒Case Leak @ 18,000 ☒Hysteresis 50% ☒Hysteresis 40% ☒After Effect ☒Friction Test ☒Barometric Scale ☒OK PERFORM
PERSON PER

OK

2019

24 months

Next Insp 3-21

☒ The Altimeter static pressure system and transponder was inspected to 20,000 feet, and was found to comply with FAR 43 appendix E and F.

☒ Performed automatic altitude reporting correlation check to 20,000 feet, in accordance with FAR 43 appendix E paragraph C.

☒ Final Inspection

PSI

Alpha Avionics LLC

FAA Approved Repair Station #SW6R338X

The Altimeter System and Automatic Pressure Altitude Reporting Equipment have been inspected to 20,000 feet and were found to comply to FAR 43 Appendix E and F. [] Scale Error adj.

N# 3138T Date 3/12/19 Signature [REDACTED]

MR-1

AT: 24 MONTHS

Next Insp 3-21

TRAN: 24 MONTHS Next Insp 3-21

Alpha Avionics LLC

FAA Approved Repair Station # [REDACTED]

The Transponder System has been inspected and was found to comply with FAR 43 Appendix F.

N# 3138T Date 3/12/19 Signature [REDACTED]

MR-2

A/C Make: Cessna 177
S/N: 17700438 Reg. No. N3138T
Engine Model: O-320-E2D
Engine S/N: L-20535-27A
Propeller Model: 1C172/TM
Propeller Serial Number: E8564



Date 03/12/2019
A/C TSN: 2328.6
Tach: 1301.8
Engine TT: 2328.6
Engine TOP: 821.2
Propeller TT: 2328.6

A/C OK

Time Since New

Need New

battery 3-20

Airframe Annual / 100hr Inspection
Inspected and lubricated aircraft IAW Cessna Annual/100 hour inspection checklist
C/W Recurring AD 2011-10-09 seat roller inspection - Ok, next due at 1401.8 tach or 03/12/2020
C/W FAR 91.207(d), ELT Narco ELT-10 inspection and test - Ok. - Battery expiration date 03/2020
Replaced 2" Heater ducting with new SCAT 8, 2"
Replaced 1" Heater ducting with new SCAT 12, 3"
Replaced engine intake filter element with new Brackett P/N BA5705
Replaced vacuum filter with new ARB3-5-1
Replaced battery with new Gill 7035-34 Serial Number G03035715
C/W AD2011-10-09 inspected seat fails and found within limits, AD 2008-26-10C N/A by DOM of selector valve, AD72-03-03R3 visually inspected and lubricated, AD70-24-04 verified fuel selector valve operation, AD68-17-04 stall warning operation verified
AD's Current as of Biweekly 2019-05

I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition Return to service [REDACTED]

Gregory Alan Bloom [REDACTED] IA

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TOTAL
TIME
IN
SERVICE

TACH OR
RECORDING
METER
TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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Authorized Representative:

Work Order No: 1907290 Date: 7/29/2019

Aerohoff Inspection Services, Inc. FAA Certificate # [REDACTED]

N 31384

CARRY-THRU SPARE
EDDY CURRENT INSPECTION

+ 10 hrs! while en route where 1 passenger can be done. Time must be included

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			AD S.B

Make: Cessna
Model: 177 S/N: 17700438
Reg. No. N3138T

Tach time: 1332.8
A/C TT: 2359.6

SSID:
Pass:

Replaced existing rear white position light with uAvionix tailBeacon assembly, Part # UAV-1002183-001 S/N 2010186 in accordance with tailBeacon STC Installation Guide, Document # UAV-1002514-001. Used existing position light circuit and confirmed appropriate per AC43.13-1B Chapter 11, Section 5&6.

Existing rear position light wiring was terminated to the tailBeacon position light wire (red wire) using environmental splice tailBeacon ground wire (black wire) was terminated to airframe structure or ground wire as appropriate.

Configuration of the tailBeacon was performed with the following data:

Anonymous Mode Off, Call Sign: N3138T, ICAO Number: A35578, Vso: 46KTS, ADS-B In Capability: No, Position Light: On, Emitter Type: MTOW of <15,000lbs, Aircraft Length: 23'9", Aircraft Width: 27'3", GPS Antenna Offset (Lateral): 0, GPS Antenna Offset (Longitudinal): 8 m

1. Placard installed next to position light switch.
2. tailBeacon Instructions for Continued Airworthiness uAvionix Document # UAV-1002513-001
3. tailBeacon Flight Manual Supplement: uAvionix Document # UAV-1002512-001
4. Airworthiness Limitations: No additional Airworthiness Limitations.
5. Change to Weight and Balance is negligible. Equipment list was revised
6. If installed on a moving control surface, specific attention must be paid to proper balance. Refer to the Manufacturer's Service Manual to determine if balancing is required and for balancing instructions.
7. The above modification was found not to interfere with other installed systems and/or modifications and does not exceed 80% of generator output. No adverse interference to radios and navigation systems from RFI was found while operating the tailBeacon during the configuration process.
8. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227.

Return to service

02/03/2020

Gregory Bloomstadt A&P [REDACTED] LA

2020

AD
Comply

A/C Make: Cessna 177
S/N: 17700438 Reg. No. N3138T
Engine Model: O-320-E2D
Engine S/N: L-20535-27A
Propeller Model: 1C172/TM
Propeller Serial Number: EB564



Date 03/18/2020
A/C TSN: 2364.4
Tach: 1337.6
Engine TT: 2364.4
Engine TOP: 857.0
Propeller TT: 2364.4

Airframe Annual / 100hr inspection, inspected and lubricated aircraft using Cessna Service manual D841-8-13 as reference using Annual/100 hour inspection checklist
C/W Recurring AD 2011-10-09 seat roller inspection - Ok, next due at 1437.6 tach or 03/18/2021
Replaced ELT Battery with new BP-1010, next expiration date 04/2022. C/W FAR 91.207(d), ELT Narco ELT-10 inspection and test - Ok, Replaced 2 engine cowling mounts with new P/N J-7444-14, Replaced Right main tire with new Aero Hawk 6.00-6 6 ply
Replaced engine intake filter element with new Brackett P/N BA5705, Replaced vacuum filter with new ARB3-5-1
C/W AD2011-10-09 inspected seat fails and found within limits, AD 2008-26-10C N/A by DOM of selector valve, AD72-03-03R3 visually inspected and lubricated, AD70-24-04 verified fuel selector valve operation, AD68-17-04 stall warning operation verified
AD's Current as of Biweekly 2020-05

I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition. Return to service.

Gregory Alan Bloomstadt A&P [redacted] IA

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FAA Approved Repair Station #

N# 3138T Date 4/6/21 Signature [Redacted]

MR-1

FAA Approved Repair Station #

FAA Approved Repair Station #

Inspector's Initials

The Transponder System has been inspected and was found to comply with FAR 43 Appendix F.

J# 3138T Date 4/6/21 Signature [Redacted]

Tester	Altimeter	Tester	Alti
-1,000	✓	10,000	-
0	✓	12,000	-
500	✓	14,000	-
1,000	✓	16,000	-
1,500	✓	18,000	-
2,000	✓	20,000	-
3,000	✓	22,000	
4,000	✓	25,000	
6,000	✓	30,000	
8,000	-20	35,000	

- ☒ The Altimeter static pressure system was checked at 20,000 feet, and was found to conform.
- ☒ Performed automatic altitude report test to next page.
- ☒ feet, in accordance with FAR 43.
- ☒ Final Inspection

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8-31-22	2439.5	1452.7	AD's CHECKED T. DATA 2022-16 SEE LOG SHEETS. ELT CHECKED PER 91.207 & OK BATT DUE NOW. OWNER WILL REPLACE. FLT. CONTROLS CHECKED OK, SEATS/BELTS/RAILS CHECKED OK AD C/W WHEELS/BRAKES CHECKED OK. TAIL SEASON WITHIN SPECS. OK FOR C.A. I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. [REDACTED] [REDACTED] Nit/IA Next ELT Due November 2024
09-14-22		1430.2	Oil & oil filter Change mineral oil Opened filter and inspected for metal
10-14-22		1452.1	changed oil / filter w/ 7QT 100W
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