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AIRCRAFT LOG

ASA-SA-2

OWNER ADVISORY

SEL-57-07

TITLE

WINGS - MODEL 177 CARRY-THRU SPAR ONE-TIME EDDY CURRENT INSPECTION

TO:

Cessna Model 177 Aircraft Owner

REASON

The carry-thru spar can develop corrosion and cracks. Corrosion can propagate and lead to crack development. A crack in the carry-thru spar can develop to a point that the carry-thru spar can have structural failure that can result in subsequent loss of airplane control and/or wing separation.

Non-compliance with this service letter may result in undetected crack(s) in the carry-thru spar, which can result in structural failure of the carry-thru spar.

COMPLIANCE

WARNING: The Carry-Thru spar inspection presented in this service letter applies to airplanes listed in the Effectivity Section. The compliance time is for unmodified airplanes, and represents the maximum allowable time. Airplanes that have been modified to alter the airplane design, gross weight, or airplane performance, may need to inspect sooner. Examples of common supplemental type certificates (STC's) include vortex generators, wing cuffs, STOL kits, wing tips, and add-on wing fuel tanks. Contact the STC holder for revised inspection intervals.

MANDATORY. This service document must be accomplished within 10 flight hours from date of receipt as follows:

NOTE: Refer to the applicable service and maintenance manual, Section 2A-10-00, Inspection Time Limits - Structure for a description of SEVERE and TYPICAL usage environment to determine the correct usage criteria for the airplane.

If the history of the airplane operation is unknown, use the SEVERE usage as a determination for flight hours compliance.

- For airplanes flown in SEVERE Usage as defined in Section 2A-10-00:
 - Airplanes that have more than 2,500 flight hours must accomplish this document within 10 flight hours.
 - Airplanes that have less than 2,500 flight hours must accomplish this document within 10 flight hours upon reaching 2,500 flight hours.
 - It is acceptable to accomplish this service document before 2,500 hours to align with a scheduled maintenance event or inspection.
- For airplanes flown in TYPICAL Usage as defined in Section 2A-10-00:
 - Airplanes that have more than 15,000 flight hours must accomplish this document within 10 flight
 - Airplanes that have less than 15,000 flight hours must accomplish this document within 10 flight hours upon reaching 15,000 flight hours.
 - It is acceptable to accomplish this service document before 15,000 flight hours to align with a scheduled maintenance event or inspection.

SEL-57-07 Page 1 of 2

Single Engine

OWNER ADVISORY



SEL-57-07

LABOR HOURS

For planning purposes only:

WORK PHASE

Inspection

LABOR-HOURS

As Necessary

MATERIAL AVAILABILITY

No part are required to complete this service document.

WARRANTY

None

NOTE: As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the Customer Access link at www.txtavsupport.com to register.

YEAR	TOTAL	Current Weigl	ht and Balanc	e Information	
DATE	TIME IN SERVICE	Empty Weight	Empty CG	Useful Load	Remarks
10/1/2	016 ACTT 19	905.2	1,-		
2) jacl 3) rem 4) insp 5)ched Dimer Check fuel in 6)Rep Inspe Batter 7) Inst	ked airplane in a coved wheels pected all flight cked all services on check, (ked SB PRS-1 jection lines Alaced ELT Bacted ELT IAWies due to reptalled New Cotify that this air coved the chips are chips and chips are chips and check alled New Cotify that this air coved when the chips are chips ar	Performed retract to , cleaned and re-part controls for rig. L ce bulletins and AD DK at this time. C/V 107,(Hex Plug on for AD 2008-14-07(no lattery with new BP- V FAR 91.207 perfolace on9/2018 oncorde Sealed Bat orframe been inspec	est.(10) times C acked wheel be ubricated per M o's for currency. W by OPS checuel injection ser cracks no chaft 1014 Battery formed function. ttery P# RG-35, cted in accorda	OK at this time. arings. A/M C/W by inspection k Bendix switch A vo for tightness) (fing OK at this time al test 121.5.0k a AXC nce with a annual	
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YEAR 20	TOTAL TIME IN	Current Weig	ht and Baland	e Information		
DATE	SERVICE	Empty Weight	Empty CG	Useful Load	Remarks	
1		elferson E	Model	Cessna 177RG	Date	June 6, 2017
	0	ebb	S/N	177RG0570	Tach	1902.0
		FLYING SERVICE	Reg. No.	N2170Q	W/O# FAA CRS	AV-102410 # J4YR693J
	cu at	nis aircraft/article in rrent Federal Avia this Repair Station gnature	tion Regulations under the abov	s and is approved		vice. Details on file
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YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (<i>See</i> back pages for other specific entries
8/3/2	017 ACT	Γ 1910	I,	
OPS	check syste	m. Ok a	t this time	n. Installed New Split Master switch P# S1994-1-1.

erations umber of	EAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alte Entries must be endorsed with Name, Rating and Certificate Nur	
c entries.)	ATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific	
		10/15/2017	ACTT	910.00		
		Removed al Performed r			rsinspected all cables and lubricated per M/M.	1
		Inspected br	rakes ok	at this tim	ne	_
		C/W AD by	inspecti	on87-20-0	03R2 seat track hole OK at this time check AD 76-7-12 OK at this time	_
		Checked He	x Plug o	n fuel ser	vo for tightness SB PRS-107 OK at this time 14-07 fuel injection lines (no cracks or chaffing	-8
		Inspected El Rebuilt eme	LT IAW ergency h	91.207 pe and pump	erformed functional test due to replace batteries 9/2018 p, new Orings P#MS28775-114 and ORing backup	
					at this time. IAW service instruction 4003 FAA/PMA CP 0711 Ok at	
		I certify that			been inspected IAW a annual inspection and was condition for return to service	
		Michael Rol	hlmann A	VP I/A	Miliange Re Come 2801322 END	
					×	

YEAR 20_ DATE	- 1	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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1 of 1 NSN: 0052-00-012-9005	In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the 1 of 1 NSN: 0052-00-012-900	s, aircraft maintenan	Statements in Blocks 13a and 14a do not constitute installation certification. In all case national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14)	Statements in Blocks 13a and 14a do no national regulations by the user/installer FAA Form 8130-3 (02-14)	national reg
orthiness authority of the country	ority different than the airworthiness aut ine(s)/propeller(s)/article(s) from the airw	an aigrorthiness auth y accepts aircraft eng		ser/installer performs work s essential that the user/insta Block 1.	Where the user/instablock 1, it is essentian specified in Block 1.
er/article.	bilities ority to install the aircraft engine/propeller/article.	User/Installer Responsibilities so not automatically constitute authority to in	User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to inst	ant to understand that the ex	It is imports
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14c. Approval/Certificate No.:	Signature:	146. Authorized Signature:	13c. Approval/Authorization No.: 760281446	13b. Authorized Signature:	13b. Autho
k 12, the work identified in lished in aecordance with in prespect to that work, the	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in secondance with Title 14, Code of Federal Regulations, part 43 and in-respect to that work, the items are approved for return to service.	Certifies the Block 11 an Title 14, Co Items are a	Approved design data and are in condition for safe operation. Non-approved design data specified in Block 12.	Approved design data and are in condition for s Non-approved design data specified in Block 12.	□ ⊠ App
Other regulation specified in Block 12	to Service	14a. 🗌 14 CFR 43.9 Return	13a. Certifies the items identified above were manufactured in conformity to:	les the items identified above	13a. Certifi
	rdebattery.com)	ility at www.conco	This PMA part is not a critical component. (Cross check eligibility at www.concordebattery		12. Remarks:
New	110617-07 (Included with P/N RG24-11M)	4	9771	Parts	4
New	40935487,40935494	4	RG24-11M	Battery	ω
New	40931410,40931589	4	RG-35A	Battery	N
New	40923299-40923301 40923303-40923311 40923313,40923315	. 14	Rd-25	Battery	μ
11. Status/Work:	10. Serial Number:	9. Quantity:	8. Part Number:	7. Description:	6. Item:
5. Work Order/Contract/Invoice Number: 17275-02	PAH No.: PQ1174NM	РАН	": Concorde Battery Corporation 2009 San Bernardino Rd. West Covina, CA 91790	4. Organization Name and Address:	4. Orga
3. Form Tracking Number: 18414-18	CERTIFICATE PROVAL TAG	LEASE (AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	1. Approving Civil Aviation 2. Authority/Country: FAA / UNITED STATES	1. Approvi

FAA Form 8130-3 (02-14)

8. Part Number: 9. Quantity: 10. Serial/Batch Number: 11. Status/Work: 4140-00-17 1	10. Serial/Batch Number: 11525 31R14 31R14 9. Quantity: 10. Serial/Batch Number: 11525 121R14 131R14 141R14 131R14 131R14 131R14 131R14 131R14 131R14 131R14 141R14 131R14 131R14 131R14 131R14 131R14 131R14 131R14 141R14 181R14 19-4	### Part Number: ### Part Number: #### 10. Serial/Batch Number: ###################################	8. Part Number: 9. Quantity: 10. Serial/Batch Number: 4140-00-17 **C291504-0101 **C291504-01	8. Part Number: 9. Quantity: 10. Serial/Batch Number: 4140-00-17 11525 C291504-0101 120-68 11710 69 120-68 11712 was darried out in accordance with EASA part-145 S considered ready for release to service under EASA part-145 S considered ready for release to service under EASA part-145 S considered ready for release to service under EASA part-145 S considered ready for release to service under EASA part-145 S considered ready for release to service under EASA part-145 S considered ready for release to service under tegulation specified in Beck 12 was accomplished in accordance with first 14. Regulation, part 43.9 Return to Service Detection in accordance with the 14. Regulation and in respect to that work identified as service accordance with the fellens are approved the service accordance with the service and in the service accordance with the majoral that the service in all the sirrard saginchropaller/article. 19. Gerri Harvey Cerrification and accordance with the majoral regulation by the sirrard and in integliation is need in accordance with the majoral regulation by the
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Approval/Authorization No.: 14b, Authgrized Signature: 14c, A Date (dd/mlm-dvyy): 14d. Name (Typed or Printed): 14c. Da	Approval/Authorization No.: 14b, Authgrized Signature: 14c, A 1. 14c, Nafire (Typed or Printed): Gerri Harvey	Approval/Authorization No.: [14b. Authorized Signature: [14c, A. Date (dd/m/m-kayyy): [14d. Nafire (Typed or Printed): [14c, Date (dd/m/m-kayyy): [14d. Nafire (Typed or Printed): [14c, Date (dd/m/m-kayyy): [14d. Nafire (Typed or Printed): [14d. Date (dd/m/m-kayyy): [14d. Date (dd/m/m-	Approval/Authorization No.: Date (dd/m fire Accy); User/Installer E teally constitute authority to instally constitute authority different airworthiness authority of the co	
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AEROMOTORS, LLC.
REPAIR STATION NUMBER 01MR357Y
304 EAST MURRAY ST. BROWNTOWN WI 53522

PART NO. : 4140-00-17

DESCRIPTION: FUEL PUMP (DUKES)

SERIAL NUMBER: 11525

DISCREPANCY: DUE OVERHAUL

EASA DUAL RELEASE REQUIRED

SERVICE WORK ORDER #: M1710169

DATE: 10/13/2017

CUSTOMER AIRCRAFT ACCESSORIES INTL CUSTOMER PO# AA12766

BASA	DUAL RELEASE REQUIRED				Science 2
	AR DOWN INSPECTION:	initials: GH	DAT	B: 10/1	7/17
Mesking, OF	Engs, Bearings, B	rushes Worn,	protec	tive	Coats
HIDDEN DAMAGE INSP	01/2	INITIALS: GH	DAT	B: /0 / /	7/17
CORRECTIVE ACTION:		•			
OVERHAULED / REP	AIRED I/A/W APPROVED PR	OCEDURE AS28-031R(1	4)	a)	
LIMITS:14 VDC 6.	O AMPS MAX, 24 PSI AT 3	5 GPH, MAX 27.5 PSI	7	•	
ACTUAL: FLOW OF5	4.6 0mp 5 GPH AT 24 PSI NO FLOW	27.5 PSI & 4.7 AM	PS.		•
MECHANIC:	Mulady Ken	e Cola	DAT	E: 10 / 19	7/17
PARTS USED: Am 2642	DESCRIPTIO	N: Q	UANTIT	Y: INSTA	
AM 2905 AM2510	Pump housing	BEARING ASSY	- <u>1</u>	×	
AM2439	CAVITY		1	V	1 3 3
AM1401	VANE (NYLATRON)		4	1	
MS29513-021	O-RING		1	X.	
AM2513	ARMATURE		1	V	
AM2515	FIELD COIL ASSY.	• 1	1	13	
AM2440	BRUSH		2	1	
AM1033	BEARING		2	X	
MS35489-4	GROMENT		1	×	
MISC-1	MISCELLANEOUS HAR	DWARE	1	Y	1.5
AM2453	ROTOR / SHAFT ASS	Y	1	X	
AM2653	END BELL ASSEMBLY		1		X
AM2656	PLUG, BRASS 1/16"	(50785K267)	1		X
MC20512 022	O DING		- 1	1	145

THIS COMPONENT IDENTIFIED ABOVE WAS REPAIRED/OVERHAULED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND WAS

FOUND AIR-WORTHY FOR RETURN TO SERVICE.

INSPECTOR:

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	III A D N S L D	NSTALLEI EROMOT ATED OC IEW CONC A01118WI IST No. 5- ATED MA	D DUKES F ORS, LLC. TOBER 19, CORDE BA	

R	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Altera Entries must be endorsed with Name, Rating and Certificate Number	
E	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific e	
	N2170Q	C-177RG	S/N 177RG0	0570 TACH. 1,915.8 DATE MAY 3, 2019.	
				TOURN ON TO VINIO WY 155 A POLL O CY50 CAL	
	REMOVE	DTHEF	OLLOWING	EQUIPMENT; KING KX 155, APOLLO GX50 S/N	
				80, KING KR 87 S/N 4170, KING KT 76A S/N 0, AMERICA-KING ANNUNCIATOR PANEL S/N	
				OR S/N 3897, INSTALLED GARMIN GNS 530W	
				0 INSPECTED BY SRQ AVIONICS REPAIR	
	1)			FAA FORM 8130-03 DATED 2-1-2019,	
	1	•	,	C SA01933LA-D AND INSTALLATION MANUAL	
				2 REV. M DATED JULY 2017, INSTALLED NEW	
				S TRANSPONDER WITH ADS-B OUT P/N	
				EE EASA FORM 1 DATED 2-14-2019,	
				TC SA00765DE AND INSTALLATION MANUAL	
				1-15-2013, INSTALLED NEW WAAS ANTENNA	
				60558 IN EXISTING ANTENNA MOUNT, SEE FAA	
				REMOVED CIGARETTE LIGHTER, INSTALLED	
	TRUE BI	UE POW	ER TA202 U	JSB CHARGING PORT IN EXISTING POSITION IN	
	ACCORE	DANCE W	ITH INSTA	LLATION MANUAL 9017899 DATED 1-4-2017,	
	INSTALI	LED PAR	METHEUS F	PLUS LED PAR36 AND PAR46 TAXI AND	
	LANDIN	G LIGHT	S IN ACCOR	RDANCE WITH STC SA00344BO AND WHELEN	
	STC MAN	UAL FO	RM 14793 D	ATED 7-7-2014, SEE FAA FORM 337 DATED 5-3-	
	2010				
	+ 2000			00 0 1100	
	SHAY EV	ERETT A	/P3421020IA	4 Sh 211 5-3-2019	
				Sly Sill 5-3-2019	
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Appr A FA	Approving Civil Aviation Authority/Country: FAA/United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3. AIRWOLTHINESS APPROVAL TAG	EASE	CERTIFICATE PPROVAL TAG	3. Form Tracking Number: 17219
Orga	Organization Name and Address: SRQ AVIONICS, 8191 N. TAN	Organization Name and Address: SRQ AVIONICS, 8191 N. TAMIAMI TRAIL, HANGAR B2. SARASOTA, FL. 34243 (QV0R957X)	, FL. 34243 (Q	V0R957X)	S. Work Order/Contract/Invoice Number: 17219
. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
-	GNS 530W	011-01064-40	-	78408020	INSPECTED
2. Remarks: The wor	Remarks: The work specified has been accomplished		Series Mainte	in accordance with GNS 500W Series Maintenance Manual 190-00357-05, Rev. B, dated May 2010.	v. B, dated May 2010.
Fu	i details of work carried o	Full details of work carried out are on file under work order listed above.			
			\$.*		
\$ 00	cifies the items identified above were manufactured approved design data and are in a condition for Non-approved design data specified in Block 12.	Sectifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.	Certific and des Federal return	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	Other regulation specified in Block 12 Block 12, the work identified in Block 11 d in accordance with Title 14, Code of to that work, the items are approved for
3b. Au	3b. Authorized Signature:	13c. Approvat/Authorization No.:	= B	14b. Authorized Signature:	14c. Approval/Certificate No.: QV0R957X
3d. Na	3d. Name (Typed or Printed):	13e. Date (dd/mmwkyyyy):	14d. Name	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

User/Installer Responsibilities

LARRY E. VIERGEVER

01/FEB/2019

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s/propeller(s/article(s) from the airworthiness authority of the country It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. specified in Block 1.

20732 Lassen Street, Chatsworth, CA 91311 Phone: (818) 993-3842 Fax: (818) 993-4525

CERTIFICATION OF CONFORMANCE

AAT Part Number: AT575-93GW-TNCF-000-RG-27-NM

Customer PO Number: 275680

Customer Part Number: 013-00235-00 GA35

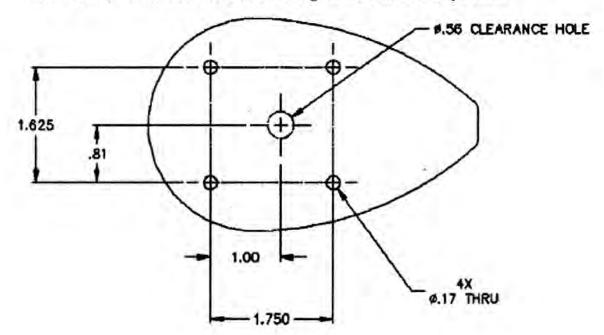
Serial Number: 160558

AeroAntenna Technology, Inc. certifies that the above mentioned antenna was manufactured in accordance with specifications and standard quality assurance practices and procedures, and meets all requirements as stated in the above purchase order as well as shipment and delivery instructions.

Quality Assurance: Benjamin Rubeni Date: 12/12/2018

CERTIFICATION OF CONFORM

NOT TO SCALE. Use an accurate measuring instrument for installation. A calibrated torque wrench must be used during installation. Torque value for mounting screws is 13-15 in·lbs. The 4 supplied mounting screws must be used and no substitutes are allowed. Do not deviate from these installation methods or use alternate screws as damage to the antenna may result.



1. Appro United k	1. Approving Competent Authority /Country United Kingdom Civil Aviation Authority	2. АОТНО	RISED F	THORISED RELEASE CERTIFICATE EASA FORM 1	3. Form Tracking Number TNB 07758	
4. Appro-	4. Approved Organisation Name and Address Trig Avionics Limited Building 1 Heriot Watt Research Park Riccarton Currie EH144AP United Kingdom	rch Park Riccarton Currie EH144AP	United Kingdom		5. Work Order / Contract /Invoice 43510.01	
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial No		11. Status/Work
_	KT74 Transponder to ETSOA EASA 210.10046583 Rev A	046583 Rev A 01158-00-01 (includes 01157-00-01)	7	03087, 03088, 03089, 03090, 03091, 03092, 03093		New
12. Remarks	arks					
Item 1: ET	Item 1: ETSO articles C1124, C166b apply.					
Refer to B.	Refer to BendixKing part number 89000007-002001.					
13a. Cert	13a. Certifies that the items identified above were manufactured in conformity to:	nanufactured in conformity to:		14a Part 145A 50 Release to Service Other regulation specified in block 12	ther regulation specified in block 12	
⊠ appro	Stapproved design data and are in a condition for safe operation	safe operation		Certifies that unless otherwise specified in block 12 the work identified in block 11 and described in block 12 was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for	12 the work identified in block 11 and dan in respect to that work the items are conditions.	escribed in block 12 onsidered ready for
-uou 🏻	non-approved design data specified in block 12			release to service		
13b. Aud	13b. Authorised Signature	13c. Approval/Authorisation Number UK.21G.2858	5	14th. Authorised Signature N/A	N/A	
13d. Name Grant McGowan	ж юwап	13c. Date (dd/mgm/yyyy) 14 Feb 2019		Tatt-Name N.A	14c. Date (dd/mmni/yy) N/A	\setminus
1						

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Bradley J. Miller This PMA part is not a critical component Airworthiness Approva 6. 4. Organization Name and Address: 1. Approving Civil Aviation Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article 13d. Name (Typed or Printed): Bradley J. Willer 12. Remarks: 13a. Certifies the items identified above were manufactured in conformity to: Item: **FAA/United States** Authority/Country: Non-approved design data specified in Block 12. Approved design data and are in a condition for safe operation. WAAS Antenna, GA35, White 7. Description GARMIN International 1200 E. 151st St. Olathe, KS 66062 2 AUTHORIZED RELEASE CERTIFICATE 013-00235-00 8. Part Number: Certificate Number PQ3742CE 21/Dec/2018 13e. Date (dd/mmm/yyyy): 13c. Approval/Authorization No.: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG ODA-240087-CE User/Installer Responsibilities 9. Quantity: 14h. Authorized Signature: 14d. Name (Typed or Printed): 14a. 14 CFR 43.9 Return to Service and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for Certifies that unless otherwise specified in Block 12, the work identified in Block 11 160558 10. Serial Number: Other regulation specified in Block 13 5. Work Order/Contract/Invoice Number: 155582415 3. Form Tracking Number: 11. Status/Work: Hite Date (del/mann) yyy); 14c. Approval/Certificate No.: 155582415-2 155582415 New

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the

national regulations by the user/installer before the aircraft may be flown.

11.1

ואו המו ה מהום

Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country



Temp Aircraft LLC



Phone: (217)679-2703	Cell: (217)899-3645 0570 A.244 Bendis/King#/ Bendis/King 6 nd 18/King 03092	Static Heat 4/4 Pitot Heat 4/4 Pitot Heat 4/4 (ft.) Measure ± (ft.) - (735 25 - (370 25 - 390 25 - 390 25 - 590 25 - 590 25 - 900 25 - 900 25 - 900 25 - 900 25 - 900 25 - 900 25 - 900 25 - 900 25 - 100 25 -	
	Test Report S/N: 177/16 0570 Work Order # 19.2444 Work Order # 19.2444 TRANSPONDER: Bendix MFG: Bendix MODEL: KT 74 PN: 8900000 SN: 03092	Altin	1
	MFG. Cessua. MFG. Cessua.	Friction Test: Tol. ±Ft. 1,000 2,000 70 3,000 40 10,000 40 1000 25,000 25,000 25,000 140 35,000 40,000 50,000	
	Form Altimeter/S N#: 2 1708 N/4 Stand-by ADC: MFG: MFG: MODEL.: PIN: SIN:	Encoding Reporting Setting (K.ft.) Tol. ± 125 ft. - 180° Soc 100° 300° 300° 190° 190° 190° 190° 190° 190° 190° 1	
		Tol. # (ft.) 20 20 20 20 20 20 20 20 20 20 20 20 20	
irport Dr.	1d, 11. 62707 5-3-2019 6939-01	Altitude (Ft.) -1000 -5 -7990 -5 -7990 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	_
813 S. Airport Dr	Springfie DATE: PILOT: ALT. MFG MODEL: P/N: S/N:	A: -1000 0 500 1,000 1,500 2,000 3,000 4,000 6,000 11,000 11,000 11,000 12,000 12,000 12,000 18,000 22,000 22,000 25,000 40,000 41,000 45,000 50,000	

FORM TAC-ASST

3 Form Tracking Number 1 Appro- ing Civil Aviation-Authority Country AUTHORIZED RELEASE CERTIFICATE 5112786 PAA/United States FAA Form \$136-3. AIRWORTHINESS APPROVAL TAG 4 Oranization Name and Address 5 Work Order Contract Invoice Number Textron Aviation Inc. (PC4) Textron Aviation Inc. 2286583 1 Cessna Blvd. Wichita, KS 67215 6. Item 7 Description 8. Part Number 4. Ouznhry 10. Serial Number 11 Status Work SWITCH S1994-1-1 N/A New 12 Remarks AUTHORIZED RELEASE DOCUMENT PO#: 004335 14. D14 CFR 43 9 Return to Service D Other regulation specified in Block 12 Dr. Certifies the nome identified above were manufactured in conformity to: Certifies that unless otherwise specified in Block 12, the work identified in Block Approved design data and are in a condition for safe operation 11 and described in Block 12 was accomplished in accordance with Title 14. Code of Federal Regulations, part 41 and in prepart to that work, the items are Non-approved design data specified in Block 12 approved for return to service 1.7b. Authorized Signature 14b Authorized Signature f3c. Approval/Authorization No.: 14c. Approval/Cestificate No. Sanit & Beat PC4 13d. Name (Typed or Printed): 13e. Date (dd/mmm/yyyy) 14d. Name (Typed or Printed): He. Date (dd/mmms/vvvv): DANIEL P. BEAT 04/Jun/2016 User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller article.

Where the user installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified

in Block 1, it is essential that the user installer ensures that his her airworthiness authority accepts aircraft enginess) propeller(s) articles of from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certific, alone issued in accordance with the national regulations by the user installer before the aircraft may be flown.

AR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
TE	TIME	Registration Serial # 1" Aircraft Too The Aircraft Traisond to comply with Aircraft Traisomply with Aircraft Traisomply with Aircraft Traisomply with Aircraft Traisomply William Enco "I certify Regulation "Pertine"	Temponts conductive the conductive that this airfratons, and is App	acted under parts 91, 135 with no discrepancies TAC-ALT S13.S. Alrort Dr. Hanger #5 Springfield, IL. 62707 (217)899-3645/(217)679-2703 TempAlroraftLLC.com Work Order: A 2 44 Date: 5 - 3 - 2 0 19 Id altitude reporting equipment has been inspected in accordance with FAR 91.411 and E and F of part 43. 6 93 4 - P1 S/N: 6 7766 Is have been tested and inspected in Accordance with FAR 91.413 and found to 12) of part 43. 9 0 0 0 0 7 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0

EAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of				
ATE	N217OQ C-177RG S/N 177RG0570 TACH. 1,953.1 DATE JULY 20, 2019. REMOVED INOP CESSNA COMPASS, INSTALLED PRECISION AVIATION, INC. TSO'D VERTICAL CARD COMPASS P/N PAI-700 S/N 93006. SHAY EVERETT A/P3421020IA							
	INST TRAI DRA ACCO INTE INST 01933 00353 DATI ENGI	ALLED ENSDUCES WING NO ORDANCE CALLED S BLA-D AN T-02 REV ED DECE INE OPS NO LEA	ELECTRON R IN ACCO 1229931, E WITH IN ECTED BOT THE GREEN THE GREE	77RG0570 TACH. 1,977.6 DATE AUGUST 29, 2019. SICS INTERNATIONAL, INC. FUEL FLOW ORDANCE WITH INSTALLATION INSTRUCTIONS INSTALLED P-120 OIL TEMPERATURE PROBE IN INSTALLATION INSTRUCTIONS No. 1111981, TH UNITS TO PREVIOUSLY INSTALLED UBG-16, S CONVERTER IN ACCORDANCE WITH STC SA IN INSTALLATION MANUAL DOCUMENT No. 190- D JULY 2017 AND S-TEC DRAWING No. 99262 REV. G DI, SEE FAA FORM 337 DATED 8-29-2019, TEST RAN F FUEL FLOW AND OIL TEMPERATURE NORMAL D, OPS CHECK OF GPSS STEER SATISFACTORY.				

. Approving Civil Aviation 2. 3. Form Tracking Number AUTHORIZED RELEASE CERTIFICATE Authority/Country: FAA/UNITED STATES FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG SH19-33326 4. Organization Name and Address: AUTOPILOTS CENTRAL, INC. Work Order/Contract/Invoice FAA CRS #CM2R747K HANGAR 23. TULSA INT'L AIRPORT • TULSA, OKLAHOMA 74115 Number: Same #3 6. Item: 7. Description: 8. Part Number: 9. Quantity: 10. Serial Number: 11. Status/Work: PROGRAMMER. REPAIR 0131-1-3 729 12 Remarks: Reference attached service shop report for work performed. S-TEC 50 13a. Certifies the items identified above were manufactured in conformity to: 14a. X14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Approved design data and are in condition for safe operation. Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work. Non-approved design data specified in Block 12. the items are approved for return to service.

14b. Authorized Signature 14c. Approval/Certificate No. 13b. Authorized Signature: 13c. Approval/Authorization No. 13d. Name (Typed or Printed): 13e. Date (dd/mmm/vvvv): 14d. Name (Typed or Printed):

CM2R747K

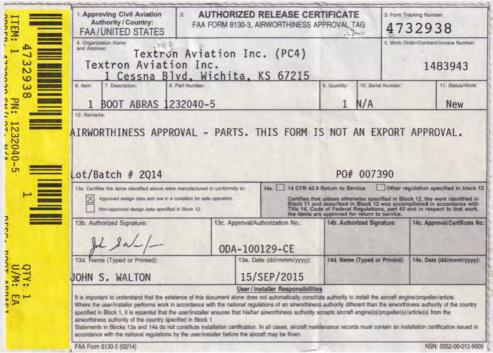
14e. Date (dd/mmm/vvvv):

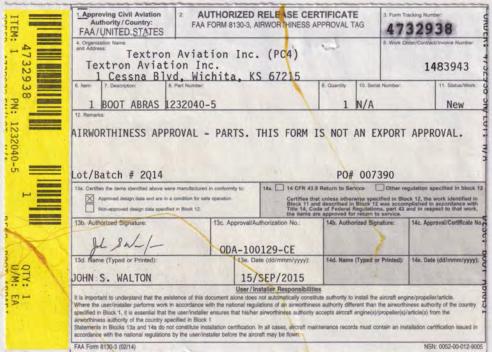
STEVEN W. Chapman 19-569-2019 User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

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TEAR		ons
20	Aviation Plus LLC	of
DATE	262-656-1260	es.)
	Aviationpluslic.com	
-	10/06/2019 N2170Q Tach 1993 TTAF 1993	
	Re-installed challenger airfilter after cleaning and re-oiling per ICA, due 100hrs/annually. Patched air filter box.	
	Replaced lower O-rings in nose strut. Replaced nose tire and bearings. Replaced brake pads. Shimmed nose strut	
	for length. Replaced inlet and left outlet cabin heat aeroduct. Replaced cabin door seals, repaired upper wedges,	
	and replaced door pins. Straightened left door inner rod, cleaned and lubed door latch assembly. Rigged doors for good fit and closing action. Installed gear motor running light per K-Tech engineering instructions Document	1
	#ASY90304. (337 filed). Installed stabilator abrasion boots, balanced surface, and reinstalled. Taped outboard flap	
	and inboard stabilizer holes for better bird's nest protection. Made doubler for flap inboard bellcrank support rib.	
	Corrected lower engine mounts for proper orientation. Replaced two cowl shock mounts. Replaced one half of	
-	both cowl flap hinges. Tensioned alternator belt. Replaced autopilot computer with repaired unit from Autopilots Central, INC. WO SH19-33326. CW AD 15-19-07 injector lines and supports, visual, due 100hrs. CW AD 11-10-09	
	seats and rails, visual and dimensional inspections, due 100hrs/annually. ELT checked per FAR91.207(d), due	
	battery (12/21). All routine items checked per inspection sheets. FAR43 APP D. I certify that this airframe has	
	been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	
-	Robert Russell 3411885IA	
	N2170Q C-177RG S/N 177RG0570 TACH. 2,027.7 DATE NOVEMBER 26, 2019.	
	INSTALLED NEW GOODYEAR 5.00-5 INNER TUBE P/N TR67 IN NOSE	
	WHEEL, BALANCED NOSE WHEEL.	
	CIVALVENIED DEED A PROJECTION AND ACCOUNTS	
	SHAY EVERETT A/P3421020IA	
	SHAY EVERETT A/P3421020IA	

R	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating and Cel Technician or Repair Facility. (See back pages for oth	rtificate Number of
	INSTALLE EP5001-00 AVIATION DATED FE AND BALA	ED MAPL I IN ACC I LIMITE EBRUARY ANCE CH	E LEAF AVI ORDANCE V D INSTALLA	ATION LIMITED EXHAUST FAIRING P/N WITH STC SA01386NY AND MAPLE LEAF ATION INSTRUCTIONS DRAWING No. EP5003 EE FAA FORM 337 DATED 12-14-2019, WEIGHT LIGIBLE.	
Mod Tacl	 Reinstalled Removed in valve using Reinstalled 	r filter eleme and secured. take collecte like material collector ass	ent. Inspected, clor assembly and als 2024T-3 x .032 embly and opera		nd installed 7-01.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed v	tions, Tests, Repairs and Alterations vith Name, Rating and Certificate Number of y. (See back pages for other specific entries.)
Model -				RT AVIATION, INC unt Vernon, Illinois - MVN N2170Q	March 06, 2020 SN – 177RG0570
Tach – 20 Un-Sched	Jacked aircraft. installed like pa installed. LML0	Removed, d art number 1: G wheel bear eplaced batte	56E66-4, serial no rings cleaned, ins r master switch v	pected and re-packed with grease. L	1 tube. Assembled, torqued, serviced and

	TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
				SRT AVIATION, INC
١.	Aircraft Make - Ce			Mount Vernon, Illinois - MVN N2170Q May 20, 2020
	Model – 177RG	essna		N2170Q May 20, 2020 SN - 177RG0570
	ach - 2124.2			
U	In-Scheduled Mai			
	2150-1 rivets s Upper i	87 3/16" Mecuring lowe	findshield. Insta er retainer rem s removed and	d with new customer supplied <u>Great Lakes Aero</u> Prod. Inc part number SC-W/G-talled in accordance with Instructions Document B-1 dated 12/11/2003. Original loved and then reinstalled using Stainless Steel AN/MS screws, washers, and nuts. It is deeplaced with like size and type rivets. Edge sealed window to frame using
	with ST	C SA03623	AT. Refer to FA	cluding brackets and installed <u>Power Flow Tunes exhaust system</u> in accordance AA Form 337 dated this date for additional details pertaining to this work.
				af Aviation Fibre Glass reinforced nacelle (exhaust) fairing with like part number accordance with STC number SA01386NY on 12/14/2019.
			ind LH wing fu ting type and	tel filler cap and then touched up paint the affected area and also aircraft exterior color.
				atic wick on LH outboard stabilator with new part number DGSW10-96 wick.
	• Loosen	ed all wing I	ower skin acce	ess panels and resecured to eliminate leading edge air gaps.
a re ir	accordance with C evised this date t	Cessna 177 for reflect the rance or defe	RG maintenand changes. Airc ects associated	and propellers were operationally and functionally tested. Work was performed in the manual unless otherwise specifically noted. Weight and Balance for aircraft was raft was jacked and landing gear retraction system functionally tested and did with the changes made to the engine exhaust system. This aircraft is approved operformed. Shawn C. 3ayle AP490825188

Description of Inspections, Tests, Repairs and Alterations TOTAL YEAR RECORDING TODAY'S TACH FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of 20 SERVICE Technician or Repair Facility. (See back pages for other specific entries.) TIME DATE SRT AVIATION, INC Mount Vernon, Illinois - MVN Aircraft Make - Cessna N2170Q March 06, 2020 Model - 177RG SN - 177RG0570 Tach - 2124.2 **Un-Scheduled Maintenance** Installed Precise Flight Pulselight system for Taxi and Landing light system in accordance with STC number SA4005NM. Refer to FAA Form 337 dated this date for additional details pertaining to this work. AP# 3298832 Mount Vernon, Illinois - MVN Cessna 177RG Serial # 177RG0570 N2170Q Tach - 2182.0 October 2, 2020 I certify that the static system tests, including data correspondence, required by 14 CFR § 91.411 and transponder tests required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F. The work accomplished is filed, in house, on Work Order# A4744, Altimeter Model United 5934-P1 Serial No. 67766 Transponder Model King KT74 Serial No. 03092 Encoder Model Serial No. 10339 Narco AR-850 20,000 The altimeter was tested to feet on (date) 10/01/2020 The transponder was tested on 10/01/2020 Encoder data correspondence was tested to 20,000 feet on (date) 10/01/2020 Static system leak tested on (date) 10/01/2020 The installed ADS-B out system was ground tested and shown to meet the equipment performance requirements of 14CFR Section 91.227. Authorized Signature: FAA CRS# 9STR450B

T/	ECORDING ACH ME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tents, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
Model - Tach - Schedu Inspecte Landing bearing IAW FAI inspecte cable te	led Mainter ed Aircraft in gear retract s cleaned an R 91.207d. It ed and clean nsions. Oper eduled Main Complied removed, Airbox re LH forwa improve : RH side h replaced Installed Installation	nance n accordance tion tested a d re-packed ELT Battery ed. Tires and rationally tes ntenance l with Power inspected, lisp rd baffling re security of at leater valve of damaged rol customer su on & Operati nally inspecte	and checked w Air filter elen Due Date 01 d brake systen sted aircraft, e Flo Exhaust s ubricated, releated, cleaned epaired by fab ttachment of b on forward fac ll pin valve to pplied Reiff H ing Instruction	SRT AVIATION, INC Mount Vernon, Illinois - MVN N2170Q October 5, 2020 SN - 177RG0570 ACTT - 2182.0 177RG Maintenance Manual checklist and requirements of 14CFR Part 43 APP D. Paraning and indication systems. Emergency extension system checked. Wheel ment inspected and cleaned per K&N Filter cleaning instructions. ELT Inspected /31/2021. Lubricated aircraft, engine and flight controls. Fuel strainer filter in serviced. Instrument filters inspected. Flight controls checked for rigging and engine and systems following all work. System ICA for annual / 100-hour inspection requirements. Exhaust system installed and torqued. It, and paint touched up. Reinstalled, secured and safetied. Derication and installation of 2024 T3 aluminum tab riveted and installed to paralling. The offire of firewall was slipping and valve inoperative. Re-rigged cable control and control. Operationally tested with no further defects noted. Ot Strip Oil Sump Heater system, supplied by owner, in accordance with REIFF as document HS 2018-09. Routed A/C plug to allow access through oil filler door. Feets. Per Reiff document, this installation of the FAA-PMA system in considered Page 1 of 2

TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
Referen AD200	Removed an Operationall Removed an Cleaned, trea Partially trea Aileron cable instructions. Checked stal stabilator tri owner follow thiness Directince Aircraft Re 8-06-51 Servo	d replaced by tested with d replaced Rated and towated LH & Rie tension not billator contrains systems. A wing all working all working all compli	attery master hout defects. First wing tip stocked up corrows wing internated at low limited at low limited at low limited work performs to complete the complete the ded with by instance of the complete the defendance of the complete the	Page 2 of 2 lots door latch to improve closure and latching of co-pilot's door. In contactor with new superseded part number P52-0034-1contactor. Refer to 8130-3 dated 8/13/2020. In obe tube assembly with serviceable part number C622000-0106. In on belly skins in area of battery drain. In surfaces using ACF-50 where minor surface oxidation was noted. In it. Increased tension and checked rigging. Work performed IAW MM In ging and rigged as required of neutral. Checked rigging for both stabilator and ormed IAW MM instructions. No further defects. Aircraft will be test flown by the return to service. In dated 10/05/2020 for compliance and status fo AD's. In accordance with an ANNUAL inspection and was determined to be in an Shawn C. Sayle AP490825188IA

TOTAL **Description of Inspections, Tests, Repairs and Alterations** RECORDING TODAY'S YEAR TACH FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of 20 SERVICE Technician or Repair Facility. (See back pages for other specific entries.) TIME DATE SRT AVIATION, INC Mount Vernon, Illinois - MVN Aircraft Make - Cessna N21700 January 13, 2021 Model - 177RG SN - 177RG0570 Tach - 2216.7 **Scheduled Maintenance** Removed ELT and replaced battery with new part number BP-1015. Complied with ELT inspection in accordance with 14CFR 91.207d. New ELT battery expiration in 02/2023. **Un-Scheduled Maintenance** Service RH brake reservoir to full and operationally tested LH & RH brakes systems. No further actions taken AP490825188 SRT AVIATION, INC. Mount Vernon, Illinois - MVN Aircraft Make - Cessna N2170Q May 14, 2021 Model - 177RG SN - 177RG0570 Tach - 2259.3 **Un-Scheduled Maintenance** Removed and replaced cylinder #1 CHT probe with new part number P-100 probe. Tested OK. Service hydraulic power-pak fluid, brakes, and tires. Replaced jam nut on RH side cowl flap control with new MS35650-302 nut. AP490825188

User/Installer Responsibilities

JEFFREY E. BURRIS

30/JUL/2021

14e. Date (dd/mmm/yyyy):

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

13e.Date (dd/mmm/yyyy):

13d, Name (Typed or printed):

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different that the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures the his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Entries must be endorsed with Name, Rating and Certifica Technician or Repair Facility. (See back pages for other specific pages)	ate Number of
	REMOV VACUU REPAIR "FAA-P- RAN EN	ED INOP M PUMP STATION -8740-52 S IGINE, VA	VACUUM P/N 211CC N #NE5R06 SAFETY W.	PUMP P/N 211CC S/N 122685, INSTALLED S/N 196536 OVERHAULED BY KAPCO, INC. 4N, SEE PAA FORM 8130-3 DATED JULY 80, 2021. ARNING GIVEN TO AIRCRAFT OWNER", TEST JMP OPS CHECK NORMAL.	

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Aircraft Make – Cessna Model – 177RG Tach – 2305.6 N2170Q November 15, 2021 SN - 177RG0570 ACTT - 2305.6

Scheduled Maintenance

Inspected Aircraft in accordance with Cessna 177RG Maintenance Manual checklist and requirements of 14CFR Part 43 APP D. Landing gear retraction tested and checked warning and indication systems. Emergency extension system checked. Wheel bearings cleaned and re-packed. Air filter element inspected and cleaned per K&N Filter cleaning instructions. ELT Inspected IAW FAR 91.207d. ELT Battery Due Date 02/2023. Lubricated aircraft, engine and flight controls. Fuel strainer filter inspected and cleaned. Tires and brake system serviced. Instrument filters inspected. Flight controls checked for rigging and cable tensions. PowerFlo exhaust system recurring inspection requirements completed and reassembled using new lock washers and lubrication with anti-seize. Operationally tested aircraft, engine and systems following all work.

Un-Scheduled Maintenance

- Touched up paint of aircraft exterior using like color paint. Lower cowling oil cooler inlet scoop was sanded and aerodynamically filled. Paint was touched up to match existing color.
- Fabricated and installed repair doubler to forward baffling in area of alternator using 2024T3 aluminum. Alodyned, primed and painted.
- Re-seated pilot's door vent and operationally tested.
- Removed and replaced interior air vents (4) with new customer suppled vents in all positions.

Airworthiness Directives

Reference Aircraft Registration Profile revision dated 11/09/2021 for compliance and status of AD's.

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an airworthy condition.

Shawn C. Sayle AP490825188IA

ALTIMETER CALIBRATION

Altimeter Manufacturer: United

Altimeter S/N: 67766

Ambient Temperature: 48'F

Altimeter was tested to: 20,000 ft

Scale Error						
Altitude Feet	Equiv. Pressure Inches of Mercury	Tolerance +/- Feet	Reading Tested Altitude			
-1,000	31.018	20	-1,000			
0	29,921	20	0			
500	29.385	20	480			
1,000	28.856	20	990			
1,500	28.335	25	1,480			
2,000	27.821	30	1,990			
3,000	26.817	30	3,005			
4,000	25.842	35	3,985			
6,000	23.978	40	5,975			
8,000	22.225	60	7,950			
10,000	20.577	80	9,940			
12,000	19.029	90	11,920			
14,000	17.577	100	13,930			
16,000	16.216	110	15,940			
18,000	14.942	120	17,940			
20,000	13.75	130	19,950			
22,000	12.636	140	NA			
25,000	11.104	155	NA			
30,000	8.885	180	NA			
35,000	7.041	205	NA			
40,000	5.538	230	NA			
45,000	4.355	255	NA			
50,000	3.425	280	NA			

Hysteresis		
50%	-50	
40%	-50	
A Day ECCast	20	-

Altimeter M/N: 5934-P1

Altimeter Position (please circle):

Co-Pilot Standby Pilot

Altimeter Setting: 29.99"Hg

Date: 12/13/2022

Friction				
Altitude Feet	Tolerance +/- Feet	Reading Test Altitude		
1,000	70	20		
2,000	70	20		
3,000	70	15		
5,000	70	15		
10,000	80	20		
15,000	90	40		
20,000	100	50		
25,000	120	NA		
30,000	140	NA		
35,000	160	NA		
40,000	180	NA		
50,000	250	NA		

Barometric	Scale	Error

Barometric Scale Error		
Pressure Mercury	Altitude Feet	Reading Test Altitude
28.1	-1,727	-1720
28.5	-1,340	-1330
29	-863	-880
29.5	-392	-390
29.92	NA .	NA
30.5	531	530
30.9	893	895
30.99	974	965

W.O.#: A4873



THIS ALTIMETER HAS BEEN TESTED IN ACCORDANCE WITH FAR 91.411 AND PART 43, APPENDIX "E"

SRT AVIATION, INC 9STR450B

AR TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be	endorsed with Name, Rating	Repairs and Alterations g and Certificate Number of es for other specific entries.)
				ndence, and altimeter require	N2170Q d by 14 CFR § 91.411 and transponder tests	
	Altimeter Model Transponder Model Encoder Model The altimeter was tested Transponder was tes Encoder data correspon Static system leak tested The installed ADS-B out	to	United 5934-P1 King KT74 Narco AR-850 20,000 to 20,000 feet on (d	Serial No. Serial No. Serial No. Feet on (date)	pplished is filed, in house, on Work Order#, 67766 03092 10339 12/13/2022 12/13/2022 12/13/2022 12/13/2022 12/13/2022 ormance requirements of 14CFR Section 9	
	Authorized Signature: _FAA CRS# 9STR450B		3/			
			4/			

R	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE				
Moor Tack Sch Insi Lan bea IAV insi cab was Un: Air Ref	ding gear retracturings cleaned and V FAR 91.207d. El pected and cleaned le tensions. Powe shers and lubricate Scheduled Main Governor Cleaned, to Removed worthiness Directerate de la contraction of the	Ake - Cessna 7RG 4.1 Maintenance Aircraft in accordance with Cessna 17 ar retraction tested and checked ware and and re-packed. Air filter eleme 1.207d. ELT Battery Due Date 02/2 and cleaned. Tires and brake system sons. PowerFlo exhaust system recurred lubrication with anti-seize. Operated Maintenance Covernor rigging adjusted to hit low power flower flo		Entries must be endorsed with Name, Rating and Certificate Num Technician or Repair Facility. (See back pages for other specific especial pages for other specific especific especial pages for other specific especific			

PEAR PO DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Entries must be endorsed with Name, Rating and Certificat Technician or Repair Facility. (See back pages for other specific pages)	e Nur
M	Systems, Refer to	ntenance werFlo exhau rebuilt, and	returned. Inte release tags d	SRT AVIATION, INC Mount Vernon, Illinois - MVN N2170Q December 19, SN - 177RG05 ACTT - 2344.1 defects were noted that required repair. Complete system shipped to Powermediate tube, shrouded collector tube, and collector assembly were reblated 12/08/2022. Installed, lubricated and torqued in accordance with P Dennis R Co A# 456085	er Flov uilt. ower
					STATE OF THE PARTY.

AR TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with N	s, Tests, Repairs and Alterat lame, Rating and Certificate Number to back pages for other specific ent
1	and inspection 8/3/2020. inspection 09R1. All ELT batte 14CFR91	ectives/ Servi l upholstery s ceted visually g work and w Refer to St. n, Carry Thro I removed up ery removed .207d. New	side panels, rear lands. Blended 2 areas ithin limits. Edd Louis Testing Lands was treated sholstery remove and replaced wit ELT battery expired and the land the lan	headliner and ducting and items to access fits of minor corrosion from forward face of sty Current was performed as required by AI abs Inspection Report dated 4/11/2023. The using Bonderite, Primer, and Corban 23 all d was. reinstalled and aircraft secured. In new BP1015 battery. Complied with ELT irration date is 03/2025.	spar web. Dimensionally checked D2023-02-17 and SEL 57-09-R1 dated eir FAA CRS # is N12R032L. Following I of which was instructed by SEL 57- T inspection as required by

Alteration YEAR Number of 20 CONRAD AERO cific entries 1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093 DATE Phone: (269) 279-6000 Airframe log entry N21700 Date: 2-11-2025 Tach Time: 2445.8 SMOH: 719.8 Performed annual inspection of aircraft by removing cowling, interior seats/carpet, and access panels from interior, fuselage, tail and wings. Checked all interior and exterior lights, pitot heat, and stall horn, no defects noted. Inspected under instrument panel, and installed new vacuum filter. Inspected wings, fuselage, tail, flight controls, cables and pulleys; lubricated as required. Jacked aircraft and inspected landing gear, tires, wheel and brakes. Greased Landing gear as required. Performed gear swing, pass, and down jacked aircraft. Serviced brake reservoir and shimmy damper using MIL-H-5606. Installed new BP-1015 ELT battery and tested in accordance with FAR 91.207 par (d), pass; battery due FEB 2027, reinstalled in aircraft and armed. Inspected and charged sealed aircraft battery, no defects noted. C/W AD 2011-10-09 inspection of seats and seat tracks, pass, due again in 100hrs/next annual. Reinstalled all access panels, cowling, and interior at this time. Ground ran aircraft. I certify this aircraft was inspected in accordance with an annual inspection and found to be in airworthy condition at this time. Jared Eichorn A&P 4099632 IA 3-9-2025 2447.8 145TAIl Door Stew Arts left P/N,770(10-1K)
FAA-PMA Fliegen Works Rt. P/N 177C10-2K
Will rewoonder 1533124

YEAR 20.23 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repa Entries must be endorsed with Name, Rating and	Certificate Number of				
		CONRAD AERO 1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093 Phone: (269) 279-6000							
Vo									
	N21700	2	Make: Cessna	Model: 177 RG S/N 177RG0570	150 1 4				
	Removed 105932E C/W, do	Date: 6-16-2023 Tach Time: 2355.9 Total Time: 2355.9 Removed hydraulic power pack and replaced with O/H (Preferred Airparts) P/N 105932E, SN: 590. Unit flushed, installed, filled, aircraft jacked and gear swing C/W, down jacked aircraft. Installed new taxi and landing lights at this time, (owner provided. Installed new rocker gasket on #4 cly.							
			Jes	A&P 3142013 IA					
-8	23590			TEST NEW DG, PANTHG503AS	en 14/#32/69F/				
				INSTAINEW Rosen no weight Di					
4					er A+P) 533,24				
7-2	2359,0			149TAIL Bose & conductor PAI					
8-14	2360,0			MSTAll Hobwheel Covers TSO					
		PO#011-013 Hub CAPS Rev. 18,1							
				MFG DATE G/21					
				GLOVE ALVERAFT INC. ELCATO	n C1 92020				
				W Wiewoonla					

CENTURY INSTRUMENT CORP. WORK ORDER NO. K166117 **4440 SOUTHEAST BOULEVARD** WICHITA, KS 67210 NAME PART NO. G-502A SERIAL NO. **CUSTOMER PS/PO** CUSTOMER SENT IN FOR WARRANTY **OVERHAUL** REPAIR **FUNCT. TEST.** PRELIM, INSP. **WORK INSTRUCTIONS PERFORM WORK** QUOTE OVERHAUL REPAIR AND HOLD NOTED BELOW INTERNAL DEFECTS OR HIDDEN DAMAGE REPAIRED

Thula naugen

THIS ITEM IS AIRWORTHY

INSPECTION REPAIRMAN CERTIFICATE NUMBER

6-29-2023

Description of Inspections, Tests, Repairs and Alterations RECORDING TODAY'S TOTAL YEAR T TACH FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of 20 23 TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries DATE TOT, weight 1786,62 empty 1457alled E.I. Fuel TotA/12en FP-5L model FP-82/Sev. # 294459 WHITEWOODLE Model FP-82/Sev. # 294459 ALP 1633124 9-27-23 2367, **CONRAD AERO** 1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093 Phone: (269) 279-6000 **Airframe log entry** N21700 Tach Time: 2376.9 Date: 01-10-2024 SMOH: 650.9 Performed annual inspection of aircraft by removing cowling, interior seats/carpet, and access panels from interior, fuselage, tail and wings. Checked all interior and exterior lights, pitot heat, and stall horn, no defects noted. Inspected under instrument panel, and repositioned Oil pressure line as required. Inspected wings, fuselage, tail, flight controls, cables and pulleys; lubricated as required. Stop drilled and sealed RH stabilator tip as required. Installed 5 new cowl fastener mounts for lower cowl; P/N J-7444-14. Jacked aircraft and inspected landing gear, tires, wheel and brakes. Greased Landing gear as required, and repacked all wheel bearings. Installed all new screws in nose wheel caps. Performed gear swing, pass, and down jacked aircraft. Serviced brake reservoir and shimmy damper using MIL-H-5606. Removed ELT and tested in accordance with FAR 91.207 parg (d), pass, battery due March 2025, reinstalled in aircraft and armed. Cleaned corrosion from belly aft of battery drain line as required. Cleaned surface, etched, alodined, primed, and painted area to match. Sealed unused antenna holes as required. Inspected and charged sealed aircraft battery, no defects noted. C/W AD 76-07-12 by testing ignition switch to off, pass, due again in 100hrs/next annual. C/W AD 2011-10-09 inspection of seats and seat tracks, pass, due again in 100hrs/next annual. Reinstalled all access panels, cowling, and interior at this time. Ground ran aircraft. I certify this aircraft was inspected in accordance with an annual inspection and found to be in airworthy condition at this time. Jared Eichorn A&P 4099632 IA

YEAR 20 24 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (<i>See</i> back pages for other specific entries.)
3-1	2380			Replaced Fuel THAMS ducer FT-60
9-6	2391	3/	Rivers.	-140 wire 1490 (4Ted 10 Wiewoonles 4+9 153124
9-6	2427	Grea	sed bea	rings, 6.414 wed prhenomber
-20-25	2444	INST	111 Doc	rSTEWARDS STC SAOIIZOSE
				W Mewonde, 1533174
	Date: 02-10-25 Tach Time: 2445.8 N2170Q WO# 8756 I certify that the ATC Transponder(s) were tested and inspected as per 91.413 IAW Part 43, Appendix F	Transponder #1 S/N 03092, K.F. /4 Transponder #2 S/N NA Automatic altitude reporting system tested and inspected as per 91-411 IAW Part 43, Appendix E, Daragraph, C to 20,000 God	CONRAD AERO 1200 Flight Line Drive, Unit 516 THREE RIVERS, MI 49093 269-279-6000	Signature Signature Signature Signature The static system(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph A. CONRAD AERO 1200 Flight Line Drive, Unit 516 THREE RIVERS, MI 49043 269-279-6000 REPAIR STATION/NUMBER C9NR680J Signature Signature CONRAD AERO 1200 Flight Line Drive, Unit 516 Rt. Alt. SN 67766 Rt. Alt. SN NA CONRAD AERO 1200 Flight Line Drive, Unit 516 THREE RIVERS, MI 49093 269-279-6000 REPAIR STATION/UMBER C9NR680J Signature Signature Signature Signature Signature Signature Signature

Door Steward

Installation Set P/N 177C10-K

Contents: 1X P/N: 177C10-1 L/H

1X P/N: 177C10-2 R/H kit

1X P/N: MVA177C10M&O Instructions

FAA-PMA Fliegen Works Inc

Mtn. View Aviation, LLC. Portland, OR

1-800-837-0271

www.mtnviewaviation.com



2810 Clark Avenue • St. Louis, MO 63103-2574 • (314) 531-8080 • FAX (314) 531-8085 Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

FAA APPROVED REPAIR STATION CERTIFICATION #NI2R032L

SRT AVIATION, INC 300 Aviation Dr. Mount Vernon, IL 62864

Attention: Shawn Sayle

April 13, 2023 WO No. F-0203021 Invoice No. INSTL30730 Page 3 of 4

Date of Inspection: 4/11/23

INSPECTION REPORT

SUBJECT:

EDDY CURRENT INSPECTION

PROCEDURE:

AD 2023-02-17, SEL-57-09

SPECIFICATION:

AD 2023-02-17, SEL-57-09

TECHNICIAN:

G. Compton, NDT III, FAA Cert. #4311583

IDENTIFICATION:

REG# N2170Q, SN: 177RG0570, SRT WO# 3612

SPAR INSPECTION KICK AREA & 2 BLENDED AREAS ON FWD

SIDE OF SPAR WEB

INSPECTION DATE:

APRIL 11, 2023

EQUIPMENT USED:

Olympus Nortec 600, S/N: 6005161334,

Probe: KIT P/N: VM2502RAFX-1/4 X 6H, SN: MSC-4257

PART LIFE LIMITED:

N/A

TAT:

N/A

TACH:

N/A

ACCEPTANCE CRITERIA:

LOOK FOR A SHARP RESPONSE OF 10% SCREEN HEIGHT

OR MORE

INSPECTION RESULTS:

NO SHARP RESPONSE EQUAL TO OR GREATER THAN 10%

SCREEN HEIGHT NOTED

The Articles Identified Above Have Been Approved for Return to Service

G. Compton, NDT III

FAA Cert. No. 4311583

JKB/mkt

Juergen K Bloch, Manager Nondestructive Testing Department

St. Louis Testing Laboratories, Inc.

ATTACHMENT



MANDATORY

SEL-57-09

CARRY-THRU SPAR	INSPECTION REPORT
To:	Page: 1 of Pages
Wichita Citation Service Center	Includes this cover sheet
Attn: Textron Aviation Team Structures	
2121 S. Hoover Rd	Registration No.: N 2170 0
Wichita, Kansas 67209	Total Time in Service (Hrs.): 2348,0
Phone Number: 316-517-6061	
email: structures@txtav.com	Facility Name: SRT Aviation Inc
	Facility Address:
From:	300 Auston Drive
Date: 0+ 17/2023	mount Vernan IL 62864
Airplane Serial Number: 17780-0570	
Owner's Name: Proflight LLC	Phone Number of Facility(U18) 244-7746
Owner's Address:	Fax Number of Facility: (618) 244-7769
22281 Double Arch Rd	
Stounton 12 62088-4405	
Owner's Phone Number: (68) 795-9040	
Owner's Fax Number:	
Please provide detailed and dimensioned description this form as necessary.	ns of any crack(s) or corrosion. Attach pictures to
Comments/Notes:	Cracks: Yes No Circle One)
a small areas of minor	Corrosion: Yes No (Circle One)
imperfactions.	Airplane Operation:
	Severe: Yes(No)(Circle One)
	Typical: Yes No (Circle One)
	Unknown: Yes No (Circle One)
Any previously known or recorded blending or materi	ial removal on the carry-thru spar? Yes No (Circle One)
List any Structural Supplemental Type Certificates (STC's) Installed:	
NONEROWA	

LAST PAGE