

The Standard

AIRCRAFT LOG

ASA-SA-1



ASA-SA-1

Reg	istered Owner Record	THE RESERVED IN THE PROPERTY P	
Name	Charles D. Rickerhauser	Address 622 Gentry Drive	
	Lancaster State PA	From	
Name	William Losey/Titosp Cosp	Address Coatsville, / Forest H. 11s., Mi).
City_	Coatsville State PA	From /997 To 7/31/200	20
Name	Bruce James	Address 6 Chesterton Drive	To the last
City_	01	From 7/31/2000 To 4/29/	2002
Name	Scott Anderson	Address 610 Country DRIVE	
	MONUMENT State CO	From 4(29/2002 To	
Name	SCOTT ANDERSON	Address	
City_	10507 E SPANISH PEAK LITTLETON CO 80127-3837	FromTo	
Name .	30,2, 303,	Address	
City_	State	FromTo	

(F-1)

Notes VOR Checks 9/28/06/NS VOR 1,2 2° Error Sun fruits
2/3/01 MXE VOR 1,2 2° Error Sules fours - Ground Check

YEAR:	TOTAL TIME IN	Current Weight	and Balance I	nformation	
2000	SERVICE	Empty Weight	Empty C.G.	Useful Load	Remarks
9/24				100	
/				To be the second	
116/01	22/8,71	1427.65	84.37	972,35	Resound Prestolite starter installer
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		AL LUNCO	7.1.1 F		TARREST TO STATE OF THE STATE O
		Dina.			
		Sill In		0.02502	
- 2-2-6				1000000	

YEAR:	TIME IN	Current Weight	and Balance Inf	ormation		300
	SERVICE	Empty Weight	Empty C.G.	Useful Load	Remarks	
DATE						
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	1 (1)					
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September 1		Carles on 1985	TO AND DE			
				and the latest the lat		The state of
	The state of	SUR THE SERVE				11.31
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		[St. 201 30]			PROPERTY OF THE PARTY OF THE PA	
	CLOSE.	To the same is		(Textes)		
		16 Tag. 10		manyy.		HALL BY
			THE PERSON			

YEAR:	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.)
DATE				DEMOVED NARCO NAV 11 UNIT PU
18 SEP				DEPLACED, WITH NADEO NAU 1221
				New EUROSTONS TESTED WITH
1				NO MODARENT ANOMALIES NOTE
				MODY FERDRUCED WHOER
77. 53				LANCASTER AVIONICS INC
	7, 1, 117			8 3 1 1. W + 18 LITITZ PA 17543
				CHURCE NEGLICIA PONTE 9-25-00
			win i de	SIGNED SIGNED
				A Service Committee Commit
	1	1000		

. Denaire and Alterations

EAR:	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.)
Mar				To be entered in AIRCRAFT LOGS Date. March 16, 2000 N1519R TACH 2136.30 Stripped and repainted aircraft. Primer Dupont Variprime Base Color 555U White Trim Color 8554XW Flame Red (Lt Red) Trim Color 7678XM Dark Red Checked static balance of control surfaces after paint as per Culfstream Aerospace Maintenance Manual. Work performed by Russell Aircraft Refinishing. Harland Manual

VEAR: 2000 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.)
i oct				Transponder AT 50 A S/N Ram A has been tested in accordance with FAR 43 Appendix F to comply with FAR 91.413. Workorder No. 5415 Date 10-11-00 Signature: Republic AVIONICS, INC. New Castle, DE 19720 302-325-2727 CRS# VRUR564L

TEAT.	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating and Cel Facility. (See back pages for other specific entries.)
11 oct.	Ar Call		N. Barb	
		A N	7/10	I certify that the altimeter and static system to 91.411 have been performed. The altimeter
	THE REAL PROPERTY.	- 45		Workorder No. 5415 Date 10
	1		ab las	Signature: Ryn Lhg
tel -	producti	THE !	5 1.7	RED EAGLE AVIONIC
	10000	1	William !	New Castle, DE 1
The Mi	ada to	- Link	STATE Y	<i>302-325-2727</i> CF
S. B. D	10 1/		Model	
MEN T	1 10 1		Ser Will	The second second

LTIMETER INDICATOR CALIBRATION VERHAUL DATE

Serial No. Date 10 -

ORK ACCOMPLISHED

Test Setting	Instrument Reading	Test Setting	Instrument Reading
- 1000	+10	8000	+20
0	+10	9000	-
500	+20	10000	+10
1000	+10	12000	+10
1500	+20	14000	+10
2000	+20	16000	+40
2500	-	18000	+60
3000	+20	20000	+60
3500		22000	
4000	+10	25000	
4500		30000	
5000		35000	
5500		40000	
6000	+20	45000	THE PERSON
7000		50000	

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AC Form 4100-231 (11-73) (0052-637-9002) Supersedes previous edition

Petal		-		Description of Inspections, Tests, Repairs and Alterations Description of Inspections, Retain and Certificate Number of Technician or Repair
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be entries for other specific entries.)
DATE			21/22/1	(
11/1/00	2193.4		2173.4	Inspected allerest for manual Amual Amual Att Series maintanance manual Amual
, ,				1 2 1 1 10 100 1 1 1 1 100
				and working much on bottom Cowl. Rote
				and working rives on I fract scat DtD
N. PERSON				heater scat, RAR defrost scat. RtR
No.			TURK	
				stopedail mise cracks in full engine battle
				step drill unse cracks in find engine baffle repair landing 15 ht gommisse Fab + install oil
				lings bolts. Sealed leaking river @ L full
	1 10 1			Kings bolts, Death (Early) 1 Copy of 0
			4.00	Sulvep. Repaired Linavilight, repaired R.

YEAR:

DATE

11/1/6

YEAR:	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.)
DATE	2193.4	Entid	2193.4	Nav. light. Repaired R. nov. light lens mounting hardware. R&R Vac regulator filt re-glued nose strut fairing (rubber) Seal
11/100	2173.1	201-95	01121	inscription inscripance. Rote Vac regulator filt
				re alred pase start fairing (rubber) Seal
		Electrical Control		MISC firewall openings ELT Good till 11/01 Checker AD'thin 2010-20
				11/21 Checker AD'than 2000 - 20
				AD 79-22-04 Alleron System (Fecurity) OF
		- 00 C		@ Present next due 2293.4. AD 82-27-01
	11211			Michael (recuring) Thw W/ far. (a) +(c). new
				due 2393.4. tearthy that this Airfrad has been inspected in second
			14 101 1	EW GARDEN AVIA Williams Amuel increasing and was designed to be so
				TOUCHKENAMON PAINWORTHY condition. Tach 263 Date #1-04 32 149
				748 Rose Hoff Mehal Tiser 115

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YEAR:	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.)
II/15	220193		Remove SN 102 Nav 12	100 Grumman NI519R Tach 2202.92 1ed Narco Nav 122D nav receiver 222 for repair. Installed loaner 2, SN 10121. Ops LANCASTER AVIONICS INC LANCASTER AIRPORT LANCASTER AIRPORT LANCASTER AIRPORT LANCASTER AIRPORT LANCASTER AIRPORT LANCASTER AIRPORT CONTROL CONTROL
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YEAR:	MEDDINA	TODAY'S FLIGHT	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.)
129	2213.6	N.A.	1-29-01 Grumman N1519R Tach 2213.6
10	NARCO AVIONIO	S INC.	Removed loaner Nav 122, SN 10121 and reinstalled
	SERVICE TA	, ,	factory repaired Mar 1220, SN 10222. Ops checks
	MODEL # NO	7132	in act ok. Details LANCASTER AVIONICS INC
	S/N /023		on file- W.O. Ref 5543 LANCASTER AIRPORT
	DATE HO	10000	DATE 1- 29-01
	W.O.# 306	100	CERTIFICATE NO. LATRACIN
	DETACH AND A	FFIX	Signed quitally free
	TO LOGBOO	K	
	1,612		THE ROLL OF STREET AS A STREET OF THE RESIDENCE OF THE RE

YEAR: 0/	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.)
DATE	2218.91			Revioued Prestolite starter, installed Sky Teatlets Part At 3/A22/04 Model# 149-1265 She Fil Go
4161-1	048.11			Part # 3/A22/04 Mode/# 149-1265 Spe F26 Spor
				11. wtrogly Enjy wT 1921,65 Am 84,37
	111111111111111111111111111111111111111			972,35. A/c certified for Service
				972,35. A/c certified for Service
NE	V GARDE	N AVIA	MOITA	Charles Ment 2035 25715
TO	DUGHKEN	AMON,	PA	
Fire	-26	8-8988		
	6,000		11.7	
-28 82	No. 13	100		
		THE PARTY	15 15 1	

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EAR:	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.)
TE	2759.1	Mark St.	2259.1	CLEAN SMAIPS & SCREENS; CLEAN & GREAS
W/OI				WHEEL BRUS - RIR LH MLG TIRE - AIR
				TIRES - RELINE RH BAKKES; RIR ELI
	Carlo bar			BATTERY-GOOD TO 1/04- OPS CKO ELL
				OK. PATCH LOWER COWE, KIR 9-25
			neigh Mari	BATTERY RIR NAV LIGHT SWITCH;
				DECACE EXHAUST STACK FLANGES; (K
H				AD'S THROUGH 01-23.78-224 (ATTERO
				RECUR DUE NEXT 2293.4. MCCAULT
	PIST I			F2-27-1 (RECUR) DUE NEXT 2393.4.
	ALL DES		TO SE	A/C TEST-RUN, CHECKED & RELEASED
				FOR SERVICE - CONTINUED NEXT FOR
				Pho ASP ZOGITS IN NEW GAZDEN AUTN

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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.)
1/2002	Tach	reads	2355.06 Aircraft Total Time 2355.00
4	13.00	Action	Annual Inspection
	0	Replace	ed nose tire and tube new 5.00x5
	0	pune	r installed new wing root seal
	(3)	This	Aircraft has been inspected in
		acces	-dance with title 14 CFR 43 Append
		Dan	d the Grumman Model AATS series
		inspe	ection Drocedure checklist. AD17-22
		Ailero	n insp. complied with Due Again 100h
THE REAL PROPERTY.	111111	ELT	Testad all OK Battery Due Jan 04.
		Tree	rtift that this Aircraft has been
		inspe	cted in accordance with an annual mext Page
		THOP	mext Page

YEAR: 2.002	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.)
DATE	274	J. T. J	This	ection and has been determined
424	State - TV		to be	in airworthy condition,
723	e Sico	storet.	det h	En Elli Mi Comba A67 524880918I/A
THE	1 99	a to	and public	5 19 R Transponder Make/Model AT50 A S.N. 58340 in this
#1 <u>U</u> AR to cor	ANITED SSO nply with the s	pecification	#2, S.N, S.N	in this 413 and found to comply with the specifications of Title 14 CFR 43 App. F. Altimeter Make/Model A S.N. #1 L9316 #2 N/A , Encoder Make/Model 53935 , and the static system have been inspected IAW Title 14 CFR 91.411 and found CFR 43 App E. Details of these inspections are recorded on Meadowlake Transponders Work Order -Chief Inspector 1 LP ST
124	1	0 -	0 15	the ball demon deal seem in
2-01-04	Tach	renol	5 24	14.61 Aircraft Total time 2414.61
	-	1	James .	Annual Inspection
- 100				

R:

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.)
Lout	Dr	defou	mation found this inspection is a SAIB
155	yed b	y FAA	on Dec 11,2003. Inspection Due again at
100	H an	nual in	spection
a D.		1 6 -	to line at Lett wheel cylinder
(3) R	place	d all	4 brake pads both Lett and right
M D.	la al	FLI	Rattery and checked Ell 411 011
10 TL	A.	Limite 1	has been inspected in accordance wi
T	11- 14	CER	43 Appendix Dand the Gramman
50	ries	inspec	tion procedure checklist. A.D 79-22-04 d
100	Tail	time	2455.06.
1	rorte	to that	t this Aircraft has been dispected in
ac	cord	ance w	ith an annual inspection and has be
			next Page

1,2	YEAR:	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.)
12					2504.77 Aircraft total time 2504.77 - Annual Inspection
1				AD	lenor system inspected in accordance with Ang
X		Due Due	again	n next	Annual Inspection in accordance with FAA Action notices
19	1	8150 D. This	Airca	all of	been inspected in accordance with Title 14 CFR47
02		Appendi	x Da	nd the	Grumman AA-5 series inspection procedure chicklist
	9	ennual :	Enspe Pelin v	m= Con	and has been determined to be in Airworthy Continued by 524880919 I/A

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Date: 05-12-08 Aircraft: N1519R Type: AA-5B Tach: 2512.56 YEA an or Repair **Avionics** DAT Troubleshot pitot system leaks during pitot/static system leak check. Disassembled wing tip to gain access to pitot tube and plumbing. Found hose from pitot tube to wing tubing leaking. Removed and replaced tubing as needed. Performed pitot/static system leak check in accordance with FAR 43, Appendix E (a). The aircraft, engine, propeller, or appliance identified above was repaired/installed and inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the installation are on file at this repair station under W.O. # 08-36967 dated May 12, 2008. Signed Indianapolis Aviation, Inc./Indianapolis Metropolitan Airport 9913 Willowview Rd. Fishers, IN 46038 FAA Approved Repair Station # AIHR109C

I certify the tests and inspections required by FAR 91.411 and 91.413 were performed YEAR: in accordance with FAR 43 Appendix E and F. WO # 08-36967 Model 5934-1 S/N 693/6 DATE Altimeter #1 Make United S/N Model Altimeter #2 Make __ Model_ 4R 850 S/N 58935 Make Nara Fncoder S/N 33982 Model AT504 Transponder #1 Make Narco S/N Model Transponder #2 Make____ #1 #2 Test Alt. #2 #2 Test Alt. #1 #1 Test Alt. 180 18,000 4000 110 -1000 0 20,000 1110 6000 +15 +5 22,000 8000 125 500 25,000 10.000 +30 1000 30.000 +40 12,000 1500 15 35,000 740 14,000 2000 410 16,000 160/ 3000 410 Date 5-/2-08 Indianapolis Aviation Inc. CRS A1HR109C

or Repair

- 8-11-08 N1519R Grumman AA5B Tach 2512.70

complied with Annual inspection I/A/W FAR 43 Apendix D. complied with FAR 91-207d, 12 month ELT check, checked good, next due 9/09. ELT Battery Expires 3/2011. Complied with - AD 79-22-04, Aileron inspection. Replaced right outboard Aileron nylon bearings. Next inspection due 2612.7 Tach. wih AD 81-24-03 by inspection. Installed new induction air filter element P/N BA-20. Next due at 2612.7 Tach or 9/09. Replaced vacuum air filter with new. Replaced instrument garter filter with new. Replaced rivet on right lower fwd access panel. Complied with AD 76-07-12 Bendix ingition switch operational check, checked good next due 2612.7 Tach. Charged and serviced battery. Removed cleaned and inspected fuel filter. reinstalled filter and saftied, operational and leak checked good. Lubed all flight controls. Serviced Lt and RT brake reservoirs with fluid. Replaced landing light bulb with new, ops check good. Removed and replaced tail beacon bulb, ops check goood. Replaced cabin heat scat tubing with new. Installed new LT and RT main landing gear strut covers with new. Installed new aileron ground staps. Performed ground run and leak checked good. I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition at this time.

YEAR:	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.)
14/21/4 9/ACH	25/6.0	BD	STALLES SCHE WER C	THEO DIL COOLER AFTER OWERAND BY DRAVE THISTALLED NEW GASVETS AND BOOTS ON WOUTLAND TUBES. INSTALLED 2 NEW NOTHINGS SPINNER BULKHEAD ADJUSTED PARKETUG BRAKE, O NEW BULKS IN FLOOD LEGHT AND MAP LIGHT, CK GOOD. INSTALLED PATCH ON RT CENTER OWITHIS MOUNT, INSTALLED 2 SCREWS AND ON TOP OF WINDSHIED TO WENDSHIEDD END

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YEAR:	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.)
19 09				Removed Navco Com 11 A (Com2) radio and side replaced it with TKM MXII com Radio Repo
				replaced it with 1Km mXII com Radio Report
	No. of the last			Ops Check OK Kestood PP 3379308 owner
				Weight and Balance Sheet apdated.
aloq				Removed Apollo II LORAN rachio 5/N 34684
				496 GPS Weight and Balance Deet
				updated. Labord FB379308 ourse

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YEAR:	- 08/12/2009 Tach:2586.29 AFRTT:2586.29	McCauley Aviation, Inc. 4432 Airport Road Springfield, TN 37172 N1519R AA-5B Spair
	reference to Grumma 2. Complied with AD,s inspection, Due ever a,b,andc. Complied w 3. Tested ELT battery in 4. Installed new fuel dra 5. Installed new B3-5-1 6. Filled brake reservoir 7. Stop drilled crack on wheel pants. I certify that this aircr	hrough 2009-16, Complied with AD 79-22-04 Alleron systems by visual 100 hrs.Complied with AD 76-07-12 bendix ignition switch section 1 ith AD 82-27-01 Propeller inspection due at 2614 tach. accordance with FAR 91.207.Battery expires March 2011. n p# F391-187 on right wing sump tank.
	Patrick Mann A&P336	David Bliss A&P5923486461A

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspec Entries must be endorsed v Facility. (See back pages for
		Aircraft	5934-1 N 1519B
2		- Altimete	er, Altitude Reporter & Static , Appendix "E" compliance w er tested to:
AN AND THE		Cignati	ERANIONICS, INC.
			"AT50A
		Model Aircraf	# / / //
		"F" &	Appendix E", Subpary C
		MUEL	LER AVIONICS, INC.

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-	6		00441
Muelle	Avjonics, Inc	CRS #QY	
P/N 5	1540	S/N 69	210
ALT		ALT	FRECE
FT	ERROR	FT	EKROR
-1000	-20	16000	+W
0	710	18000	+12
500	-10	20000	1-50
1000	-10	22000	
1500	-18	25000	
2000	-20	30000	
3000	-20	35000	Y
4000	-211	40000	
6000	- 40	45000	
8000	0	50000	
10000	+200-	Hys 50%	+10
12000	+30	Hys 40%	+70
14000	+20	Zero	04
	4114	Ad love	Macdon
Date Se	p[1,10	14 Harren	· What we

	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.)
+				change transponder coax can
				after tinding excessive gravel
1				1099 and ve 109 Wally Miscelly
				Chytration 11 11 11 11 11
	7			
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/	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 Repairs. Facility. (See back pages for other specific entries.)
1				
7				
4				

YEAR: 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.)
			St.	Charles Flying Service, Inc
	60	16 Portag	e Road Port	age De Sioux MO 63373(1-800-447-6066)
-	N1519R		e: 09-03-201	
	Airfram	e Mo	del: Grumi	nan AA-5B S/N: AA5-B-0019
	Opened a	all inspect	tion panels,	serviced, lubed and inspected in accordance with FAR
-				service Manual. C/W FAR91.207(d) by Elt check by
				Next due 09-2011. C/W AD79-07-12 amdt. 39-3204
				h per para (a)(b)&(c). Next due 2706.7. C/W AD79-22-
-	04 amdt 3	39-3600 d	lated 11-09-	-1979 ailerons per para (a)(1)-(5). Next due 2706.7.
	AD82-27	-10 amd	39-4520 da	ated 12-30-1982 prop hub per para (a)(c)(1)(2). Next due
1	2806.7. I	Replaced	induction ai	ir filter p/n BA-20. Replaced R/H aileron and upper
-	rudder be	arings p/i	A250. Re	placed tail nav bulb p/n GE1777. Replaced R/H wheel
		The state of the s		9 & 13836. Repaired L/H elevator tip and tail cone upper
	half. Rep	laced R/F	l brake linin	ngs p/n APS66-105. I certify this aircraft has been
				n annual inspection and was determined to be in
	airworthy			Inlaha
				Tyler Grose A&P2884144IA

3. Form Tracking Number 7536-19 I. Approving National Aviation AUTHORIZED RELEASE CERTIFICATE Authority/Country: 5. Work Order/Contract Invoice FAA/UNITED STATES FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: Number: iption of Inspec Avionics Masters, Inc. 1001 West Cypress Creek Road, Suite 309, Fort Lauderdale, Florida 33309 Status Work must be endorsed v Serial/Batch Number: (See back pages to Part Number: REPAIRED Description: Eligibility:* 10. Quantity: 6. Item: Flying Service Narco N/A 30973 ioux MO 63373 N/A AT-50A Transponder The component identified hereon was tested and inspected in accordance with current regulations of the Federal Aviation Administration and manufactures maintenance manufactures manufactures maintenance manufactures manuf Tach: 2606.7 lubed and insp famual C/W I Manual Number: 03604-602, 3/78 09-2011. C/V (a)(b)&(c). N ons per para 1982 prop h BA-20, Ret nav bulb p/r Other regulation specified in Block 13 Repaired I 14. Certifies the items identified above were manufactured in conformity to: 19. X 14 CFR 43.9 Return to Service 66-105. 1 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and decorby 1 spection ar Approved design data and are in condition for safe operation. and described in Block 13 was accomplished in accordance with Title 14, Code of Non-approved design data specified in Block 13. Federal Regulations, part 43 and in respect to that work, the items are approved for Tyler Gre return to service. 21. Approval Certificate No. 15. Authorized Signature: 16. Approval/Authorization No.: 20. Authorized Signature: VIMROSSK N/A N/A 17. Name (Typed or Printed): 18. Date (m/d/y): 22. Name (Typed or Printed): 23. Date (m/d/v): N/A N/A Charles L. Hunt Jr. 08/27/2010 User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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

Statements in Blocks 14 and 19 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.

Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified

in Block I.

YEAR: 2011 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.) Replaced ELT Briteries with Duracell MK/300
51-47				Aproof PP3379308 owner Aps whech ON Sprof 73379308 owner Model # AT 50A Serial # 30973
AU9 19 2011				Aircraft N Date: A Appendix Transponder system tested in accordance with part 43, Appendix "F" & Appendix "E" Subpart (c) for compliance with FAR 91.413. Signature: Work Order # MUELLER AVIONICS, INC. CRS # QYVR0443

3. Form Tracking Number: 5. Approving National Aviation AUTHORIZED RELEASE CERTIFICATE Authority Country: 182446 FAA Form \$136-3, AIRWORTHINESS APPROVAL TAG **FAA/UNITED STATES** 5. Ward Cleder Contract Service Number & Organization Name and Address: 140 646 Aerospace Welding Minneapolis, Inc. 1045 Gemini Road Eagan MN 55121 Status Wark 11. Serial Batch Number 18. Quantity: Eligibility:* Sc. Boom: Description: Part Number: **DUSTO-MAIN STO** NIA 1 each MIA MUFFLER I.E. Homarks: Aerospace Welding Minneapolis, Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA part 145 and in respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number FASA, 1456155. This form covers certification of the part identified in block 7/8 only and any additional EASA requirements are the responsibility of the installer. (A) Chine repulsions specified in Start 15 19. DO 14 CFR 43.7 Record to Service It is differ the from identified above were manufactured in conformity to: Certifies that unless otherwise specified in Black 13, the work identified in Black 12 and described in Black 13 was accomplished in accordance with Time 14, 1 sale of Federal Regulations, part 43 and in conject to that work, the mean new Approved design data and are in a condition for rafe operation. approved for return to service. Your approved design that appendied in Block 13: 23. Approval Carollium No. 20. Authorized Segnature LINDE PARL 16. Approval Authorization No.: 12. Auditorized Toposture. 2.5. Display (page 1874). 22. Name (Typed or Printed): 17 Name (Typod or Pymersky SS. Blader Sept 27 2015 Turn Knaresboro Last Installer Responsibilities It is improved to understand that the existence of this document about their majorities are consistenced applicably to be said the partition promises are made and the partition of the partition Where the uses installed profession work in accordance with the authorist organization of an air worthhold subjects deliberate then the air worthhold method by all the country. specified in Black 1, it is accounted that the new incoming courses that he had been been all the providences applicably decoping an in companions from the new continuous medical and the

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pageatry specified in Block 5.

4. Organiza	ation Name and Address:					PPROVAL TAG		5. Work Numb	Order/Contract/Invoice er 142446
	Aerospace	Welding I	Minneapolis, Inc	. 1045 Gem	ini Road E	agan MN 5512			
6. Item:	7. Description		Part Number:		gibility:*	10. Quantity:	11. Serial/Batch	Number:	12. Status/Work:
1	MUFFLER	099	005-191	100,000	N/A	1 each	N/A		OVERHAULED
	o mai work, the cor	monent is c	ertifies that the wo	or release to s	service under	EASA part 143		2.000	Control Control Control Control
Approva the respo	I Number: EASA. 1 onsibility of the instances the items identified ab oproved design data and	aponent is c 456155. Thi iller. Ove were manu	onsidered ready f s form covers cert factured in conformit ion for safe operation.	or release to stification of th	19. 14 C	fied in block 7/8 CFR 43.9 Return to 5 es that unless otherwidescribed in Block 1 tral Regulations, par	only and any ad Service Ott ise specified in Bloc 3 was accomplished t 43 and in respect t	ditional E.	ASA requirements are n specified in Block 13 rk identified in Block ce with Title 14, Code
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Approva the respo 14. Certifie Ap No 15. Authori	I Number: EASA. 1 onsibility of the instances the items identified ab oproved design data and n-approved design data	aponent is c 456155. Thi iller. Ove were manu	onsidered ready f s form covers cert factured in conformit ion for safe operation.	or release to s tification of th y to:	19. Authoris	es that unless otherwidescribed in Block 1/8 and Regulations, pared for return to serviced Signature Typed or Printed):	only and any ad Service Oth ise specified in Bloc 3 was accomplished t 43 and in respect to ice.	ditional E. ter regulation k 13, the work in accordant to that work,	as A requirements are in specified in Block 13 rek identified in Block ce with Title 14, Code the items are

L. Approving National Aviation

lel rafi isp k A atu 3. Form Tracking Number

November 17, 2011

Tach: 2662.0

AF TT: 3202:83 50

McCauley Aviation, Inc. 4432 Airport Road Springfield, TN 37172 N1519R AA-5B

chnician

- Complied with an Annual inspection in accordance with 14 CFR (FAR) 43 appendix D
 and in reference to Grumman service manual.
- 2. Complied with AD's 79-22-04 Aileron systems, through bi-weekly 2011-22.
- 3. Tested ELT in accordance with 14 CFR (FAR) 91.207(d). Batteries due August 2013.
- 4. Replaced muffler with overhauled by Aerospace Welding, Inc. (see form 8130-3)
- 5. Replaced cylinder 1 with overhauled by Loth Engineering, Inc. (see engine log)
- Rewired map/dome light switch.
- 7. Engine run-up test completed. All systems satisfactory.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

David Bliss A&P 3456094 IA

December 3, 2012	McCauley Aviation, Inc.	N1519R
Tach: 2682.4	4432 Airport Road	AA-5B
AF TT: 2682.4	Springfield, TN 37172	AA-5B0019
Complied with an Annual	ual inspection in accordance wit	th 14 CFR (FAR) 43 appendix D
	rumman service manual.	
	9-22-04 Aileron systems, throug	sh bi-weekly 2012-23.
	nce with 14 CFR (FAR) 91.207(c	
	Condor 6.00-6 mains and 5.00	
	earings and lubed moving parts	
	pleted. All systems satisfactory.	
Learnify that this aircraft he	as been inspected in accordance	ce with an Annual Inspection and
was determined to be in a		Oce Hiller
		David Bliss A&P 3456094 IA

YEAR:	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.)
espt 05			Model # A T 50 A Serial # 30973 Aircraft N 1519 R Date: Sept 25 2013 Transponder system tested in accordance with part 43, Appendix
013			Transponder system tested in accordance with part 43, Appendix "F" & Appendix "E", Subpart (of for compliance with FAR 91.413. Signature of four work Order # 3 MUELLER WIONICS, INC. CRS # QYVR0443
)		

March 25, 2014	Wingnuts Aviation, LLC.	N1519R	hnician or I
Tach: 2693.3	4432 Airport Road	AA-5B	
AF TT: 2693.3	Springfield, TN 37172	AA-5B0019	
and in reference to C	nual inspection in accordance with 14 CFR Grumman service manual.		
2. Complied with AD's 7	79-22-04 Aileron systems, through bi-wee	kly 2014-03.	
3. Tested ELT in accorda	ince with 14 CFR (FAR) 91.207(d). Batteri	ies due August 2023.	
4. Repacked all wheel b	pearings and lubed moving parts.		1
5. Engine run-up test con	npleted. All systems satisfactory.		
certify that this aircraft h	nas been inspected in accordance with an	Annual Inspection and	-
was determined to be in a	airworthy condition.	wed Ste	
	David	Bliss A&P 3456094 IA	

YEAR.	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 Facility. (See back pages for other specific entries.)
			St. Char	rles Flying Service, Inc
				e Sioux MO 63373(1-800-447-6066) Tach: 2713 4 TTA: 3254.2
N15	19R D	ate: 06-4		Tach: 2713.4 TTA: 3254.2 2715.7

Opened all inspection panels, serviced, lubed and inspected in accordance with FAR 43 appendix D and Grumman service Manual. C/W FAR91.207(d) by Elt check by visual and operational check. Next due 06-2016. Replaced ELT Batteries with new Duracell batteries Due 6-2017. C/W AD79-07-12 amdt. 39-3204 dated 8-30-1977 bendix switch per para (a)(b)&(c). Next due 2813.4. C/W AD79-22-04 amdt 39-3600 dated 11-09-1979 ailerons per para (a)(1)-(5). Next due 2813.4. Installed new inst air filters P/N B3-5-1 and D9-18-1. Replaced throttle cable end connector P/N LK862-1. Replaced induction airfilter P/N BA-20. Replaced alternater belt P/N 37A19773-376. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Jeff Lucchesi A&P3572218IA

YEAR:	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.)
Aug 20 2015			Ain Tra "F"	Serial # 30 9 7 3 Craft N 5 9 7 Date: Aug 20 20 5 Insponder system tested in accordance with part 43, Appendix 8 Appendix E", Subpart (c) for compliance with FAR 91.413. Inature: Manual Manual Work Order # 30 7 3 ELLER AVIONICS, INC. CRS # QYVR0443

YEAR:	RECORDING TACH	N1519R Airframe	5St. Charles Flying Service, Inc ortage Road Portage De Sioux MO 63373(1-800-447-6066) Date: 11-25-2015 Tach: 2715.7 Model: Grumman AA-5B S/N: AA5-B-0019	r of Technician or Repair
		Installed nev	v Gill Battery P/N7205 S/NG02868704.	

YEAR:

DATE



Aircraft Maintenance Specialties, Inc.

January 13, 2016

N1519R

Tach: 2715.7

Hobbs:

ACTT: 2715.7

epair

- Removed dorsal fin from aircraft. Trimmed new dorsal fin P/N 5302040-1 and riveted to u-channel support bracket. Located all mounting holes and drilled to accept securing hardware. Attached dorsal fin to aircraft.
- Removed R/H elevator from aircraft. Installed serviceable elevator P/N 5302044-502 and checked for proper operation. Installed new ground strap on elevator.
- 3. Installed new throttle control P/N MC507005-3 and rigged.
- Removed gear leg covers, removed all old glue from gear legs and installed new covers P/N W222.

With respect to the work performed, this aircraft is approved for returned to service. Details of work performed are on file with Aircraft Maintenance Specialties, Inc. under work order: AMS2897.

Kent Lischer

A&P IA

3434937

thent D. hunt

YEAR:

DATE



Aircraft Maintenance Specialties, Inc.

January 13, 2016

N1519R

Tach: 2715.7

Hobbs:

ACTT: 2715.7

epair

1. Removed dorsal fin from aircraft. Trimmed new dorsal fin P/N 5302040-1 and riveted to u-channel support bracket. Located all mounting holes and drilled to accept securing hardware. Attached dorsal fin to aircraft.

2. Removed R/H elevator from aircraft. Installed serviceable elevator P/N 5302044-502 and checked for proper operation. Installed new ground strap on elevator.

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4. Removed gear leg covers, removed all old glue from gear legs and installed new covers P/N W222

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Kent Lischer

A&P IA

3434937

4:	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 Facility. (See back pages for other specific entries.)	Technician or Rep
W	C ID# 210	INS AVIAT 19-April-20 AA5B-001	JIO WOW II		Pg 1 / 1
CTI iile idju	* ITEM # 105 ION: Checked eron trim ta ustments nee ermination o	-1 Rig A cable te b after t ded. Exce f airwork	ilerions ** nsions and est flight, pt as state finess has	adjusted rigging of ailerons to neutral position. Adjusted second test flight aircraft flew level, with no further d above, no other work, inspection, corrective action or been completed at this time, limited to work performed.	
	1	. Kl	w	April 19th 2014	
igr	ned 3/83688	Larry R	oberts	Date	
igr	783688	Larry R	oberts	Date	

YEAR:	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 Repairs.) Facility. (See back pages for other specific entries.)
ATE	200		BL 17	
LO	OG ID# 275	11-July-20 AA5B-00	19 GRUN	
DIS ACT Ins in air	* ITEM # 14 CREPANCY: A ION: Checke pected whee accordance worthy cond cked good. ual Inspect	d all flid ls and bri with an Au ition. AD	ght control akes and se nnual inspe 's research	on Aircraft **** craft s. pulleys, bell-cranks, cables, push-pull rods, and hinges. s. pulleys, bell-cranks, cables, push-pull rods, and hinges. rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has been inspected rviced as needed. I certify that this aircraft has be
Sign	ned 262746	7A&PIA SI	teve McInti	7/11/2016 re Date
-				
			110 11	

See Airtrame Log #1 for Aprilance AD listing

Aircraft, Engine, Propeller, or Appliance/Comp. Make Mecquiey Model FFA 7563 Ser. No. P79760 Next Comp. Due Authorized Signature Date and Method of Compliance AD Hours of and Number Date/Hours Number Compliance Subject 2614 45 02-01-04 Inspected per A.D 82-27-01 Hub inspection 2414.01 Inplicable not overhoused 200 405

AIR WORTHINESS DIRECTIVE COMPLIANCE RECORD Aircraft, Engine, Propeller, or Appliance/Comp Make Grumman Model AA 5 B Ser. No. AA58-0019 Next Date and Authorized Signature Method of Compliance Comp. Due Hours at AD Subject and Number Date/Hours Compliance Number Dew 109 600 15 #1 75-07-04 Rudder Bar 819 hrs 2/9/76 76-01-02 Cow 5/3/76 76-04-05 Mixture Control 435 540.83 76-17-03 Delaminations Not Applicable - Serial Mumber 76-22-09 oil Coolers 77-08-03 Static System Not Applicable every 0/10/05 By inspection 79-22-04 Aileron System 100 hrs 2469.89 one time inspection 5/16/96 81-24-03 Engine Power loss for this Airplane 1949.67 12/28/89 89-18-03 Fuel Tank 1798 8/19/48 95-19-15 Wing Attach bolts 2022.8