11619 Route 76 Poplar Grove, IL 61065 800-397-8181



YEAR	RE(Engine: TCM TA(S/N: 679111 Performed the	IO-550-G following maintenance:	AMR SERVICES INC. N9166Z Engine SMOH: 1364.7	Oct. 1, 2021 Tach. Time: 3396.8	d Alterations ate Number of	YEAR	Engine: TCM 1O-550-G S/N: 679111 Performed the following 1. Complied with a
DATE	1. Comp 2. Perfor 70/80	olied with an Annual Inspection rmed a Differential Compression 44 68/80, #5 68/80, #6 69/80	n referencing the Mooney M20R Mainten on Check with the following results: Cylind	ders #1 68/80, #2 69/80, #3	pecific entries.)	DATE	2. Performed a Diffi #3 72/80, #4 72/8 3. Drained oil and r
	4. Veriti 5. Clean	ed the magneto-to-engine timing the definition of the design of the desi	20-50. Change oil filter CH48109-1, no me ng, found satisfactory.	etal found.			CH48109-1 filter 4. Cleaned and test 5. Ground run the
	Ground	d run the engine and found it f	unctioning normally. Leak checks found to with a 100 hour inspection and was determi	be satisfactory. ined to be in airworthy		-	This engine has been inspecondition.
	Condition.	At	thorized Signature:				09/17/2024 N9166Z 3
		·	Richard Ra	nheim 2782109-1P			Inspected Engine IAW pa Serviced air filter element
		1 1					plugs. Checked compress 52/80 #6 59/80. Removed
	Engine: TCM S/N: 679111 Performed the	following maintenance	N9166Z Engine TMOH:	Nov. 9, 2022 - Tach. Time: 3396.8			from J&J air parts. Inspection Cleaned and inspected fue Ran up engine no leaks or
	2. Perfo	plied with a100 hour inspection r rmed a Differential Compression	eferencing the Mooney M20R Maintenance N Check with the following results: Cylinders	Aanual. #1 64/80 #2 68 /80			/ / Pengine no leaks of
	— CH48	ned oil and replenished with 9 qts 8109-1 filter. and and tested sparkplugs.	of Philips X/C 20W/50. Cut oil filter, found	normal. Installed new			Karl Stepka IA/A&P 3482
	5. Clea 6. Instal	ned Fuel injectors.	I-1A2. Thr-body asm 653353-3a3. Manifold				09/17/2024 N9166Z 34
	This engine has service.	nd run the engine and found it fur been inspected in accordance wi	i-1A2. Thr-body asm 653353-3a3. Manifold actioning normally. Leak checks found to be a the FAR Part 43.13 Appendix D and is approved.	valve 640433-3A1 satisfactory. red for return to			be in an airworthy condition
			horized Signature:	Muri			Karl Stepka IA/A&P 3482
			Richard J. Ranh	eim 2782108 AP			

E	 Performed a Differential Compressic #3 72/80, #4 72/80, #5 72/80, #6 70/ Drained oil and replenished with 8 q CH48109-1 filter. Cleaned and tested sparkplugs. 	ts. of Philips X/C 20W/50. Cut oil filter, for	o be satisfactory.	rerations imber of c entries.)
	Inspected Engine IAW part 43 appendix D. L. Serviced air filter element. Removed, cleaned plugs. Checked compression as follows #1 63 52/80 #6 59/80. Removed and replaced #2 and from J&J air parts. Inspected all baffling. Checked and inspected fuel screen. No recurring Ran up engine no leaks or discrepancies noted	dubricated all cables and pivot points. I, inspected, and reinstalled spark I/80 #2 00/80 #3 47/80 #4 00/80 #5 If the discrepancies with overhauled ones I/80 #2 Object of the discrepancies of the di	Ranheim 2782108 AP	
	Karl Stepka IA/A&P 3482094 09/17/2024 N9166Z 3497.1 Tach 3609.2 I certify this Engine has been inspected IAW a be in an airworthy condition. Karl Stepka IA/A&P 3482094			

AMR SERVICES INC. Engine: TCM IO-550-G N9166Z March 17, 2017 YEAR RECORDIN S/N: 679111 Engine TMOH: 1447.4 Hobbs Time: 3089.0 and Alterations Performed the following maintenance: icate Number of Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual. 2. Performed a Differential Compression Check with the following results: Cylinders #1 68/80, #2 70 /80. specific entries.) DATE #3 70/80, #4 68/80, #5 70/80, #6 72/80 3. Drained oil and replenished with 8 qts. of Philips X/C 20W/50. Installed new CH48109-1 filter. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory. This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is was determined to be in airworthy condition. Authorized Signature: Richard J. Ranheim 2782108 IA AMR SERVICES INC. Engine: TCM 10-550-G N9166Z May 19, 2018 S/N: 679111 Engine TMOH: 1660.4 Tach. Time: 3151.8 Performed the following maintenance: Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual. 2. Performed a Differential Compression Check with the following results: Cylinders #1 73/80, #2 72 /80, #3 72/80, #4 75/80, #5 72/80, #6 73/80 3. Drained oil and replenished with 8 qts. of Philips X/C 20W/50. Cut oil filter, found normal. Installed new CH48109-1 filter. Cleaned and tested sparkplugs. 5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory. This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return to service. Authorized Signature: Richard J. Ranheim 2782108 TA

AMR SERVICES INC. Engine: TCM 10-550-G S/N: 679111 Performed the following maintenance: 1. Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual. 2. Performed a Differential Compression Check with the following results: Cylinders #1 68/80, #2 69/80, #3 70/80, #4 68/80, #5 68/80, #6 69/80 3. Changed oil with 11 qts Phillips x/c 20-50. Change oil filter CH48109-1, no metal found. 4. Verified the magneto-to-engine timing, found satisfactory. 5. Cleaned fuel injectors. 6. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory. This engine has been inspected in accordance with FAR Part 43.13 Appendix D and was determined to be in airworthy condition. Authorized Signature: End	VEAR DATE	RECORDING TACH TIME	Performed a Differentia 70/80, #4 68/80, #5 69/ 3 Verified the magneto-t 4. Cleaned fuel injectors 5. Ground numble engine	and Inspection referencing the Mooney M20R Maintena al Compression Check with the following results Cylind /80, #6 70/80 o-engine timing, found satisfactory and found it functioning normally. Leak checks found to n accordance with FAR Part 43.13 Appendix D and was a Authorized Signature:	ers #1 70/80, #2 72/80, #3 be satisfactory	and Alterations ficate Number of r specific entries.)
			S/N: 679111 Performed the following mainter 1. Complied with an Annu 2. Performed a Differential 70/80, #4 68/80, #5 68/8 3. Changed oil with 11 qts 4. Verified the magneto-to- 5. Cleaned fuel injectors. 6. Ground run the engine a This engine has been inspected in	AMR SERVICES INC. N9166Z Engine SMOH: 1852.7 nance: al Inspection referencing the Mooney M20R Mainte Compression Check with the following results: Cylin 0, #6 69/80 Phillips x/c 20-50. Change oil filter CH48109-1, no rengine timing, found satisfactory. Ind found it functioning normally. Leak checks found accordance with FAR Part 43.13 Appendix D and water the compression of the compressi	Tach. Time: 3344 enance Manual. nders #1 68/80, #2 69/80, netal found. to be satisfactory. as determined to be in	.1

AMR SERVICES INC.

	_		AMR SERVICES INC
YEAR DATE	Engine: TCM IO-550-G N9166Z N9166Z Oct. S/N: 679111 Performed the following maintenance: 1. Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual. 2. Performed a Differential Compression Check with the following results: Cylinders #1 70/80, #2 #3 62/80, #4 60/80, #5 62/80, #6 68/80 3. Drained oil and replenished with 8 qts. of Philips X/C 20W/50. Installed new CH48109-1 filter. 4. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory. This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is approved for return service.	72 /80,	YEAR R Engine: TCM 10-550-G S/N: 679111 Performed the following maintenance: 1. Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual. 2. Performed a Differential Compression Check with the following results: Cylinders #1 70/80, #2 72/80, #3 70/80, #4 68/80, #5 70/80, #6 72/80 3. Drained oil and replenished with 8 qts. of Philips X/C 20W/50. Installed new CH48109-1 filter. 4. Cleaned fuel injectors, installed new gaskets 5. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory. This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is was determined to be in airworthy condition.
	Authorized Signature: Ron Dass AP 470847011 Engine: TCM IO-550-G N9166Z Nov. 5, 2014 S/N: 679111 Performed the following maintenance: 1. Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual. 2. Performed a Differential Compression Check with the following results: Cylinders #1 70/80, #2 72 /80, #3 68/80, #4 66/80, #5 69/80, #6 68/80 3. Drained oil and replenished with 8 qts. of Philips X/C 20W/50. Installed new CH48109-1 filter. 4. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory. This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is was determined to be in airworthy condition. Authorized Signature: Richard J. Ranheim 2782108 IA	IA	AMR SERVICES INC. Engine: TCM IO-550-G S/N: 679111 Performed the following maintenance: 1. Complied with an Annual Inspection referencing the Mooney M20R Maintenance Manual. 2. Performed a Differential Compression Check with the following results: Cylinders #1 70/80, #2 71 /80, #3 70/80, #4 67/80, #5 70/80, #6 72/80 3. Drained oil and replenished with 8 qts. of Philips X/C 20W/50. Installed new CH48109-1 filter. 4. Ground run the engine and found it functioning normally. Leak checks found to be satisfactory. This engine has been inspected in accordance with FAR Part 43.13 Appendix D and is was determined to be in airworthy condition. Authorized Signature: Richard J. Ranheim 2782108 IA End

YEAR		AMR SERVICES INC.		-	YEAR	RECORDING	TODAY'S	TOTAL	Description of Inchestions Too	to Demoire and Alterations
LAN	Engine: TCM IO-550-G	N9166Z	August 4, 2010		11/12		FLIGHT	TIME IN	Description of Inspections, Test	
	S/N: 679111	Engine TMOH: 899.9	Tach. Time: 2541.5			TIME	rLiuni	SERVICE	Entries must be endorsed with Name, R	
DATE	Performed the following maintenance:	C 10 100000000000			DATE	111112			Technician or Repair Facility. (See back	
W-11-11-11-11-11-11-11-11-11-11-11-11-11	 Complied with an Annual Inspect 	etion referencing the Mooney M20R Mainter	nance Manual.		10-24				Owner Oil Change Va	2014
-	 Performed a Differential Compres 	ssion Check with the following results: Cyline	ders #1 77/80, #2 75/80, #3		10-2-1				Owner Oil Change "	ust MI_
	76/80, #4 74/80, #5 76/80, #6 74/8	80	<u> </u>						ð	200 100
-	 Replaced engine spark plugs with 	new.			^ -					0. 11/1-
200	 Verified the magneto-to-engine tir 	ming, found satisfactory.		,	6-2	1			Owner Oil Charge	Wal het
	Ground run the engine and found in	it functioning normally. Leak checks found to	o be satisfactory.						0,000	9 000 4
	I his engine has been inspected in accordance	ce with FAR Part 43.13 Appendix D and is ap	oproved for return to							
	service.									
			× .							-
		Authorized Signature:	Lows						AMD CEDVICES INC	
			Julia .		Eng	TCM IO	550 C		AMR SERVICES INC. N9166Z	Sept. 28, 2012
		Richard K	anheim 2782108 IA			ine: TCM 10 : 679111	-550-G			The state of the s
		IMP CERVICES THE	-						Engine TMOH: 1142.1	Tach. Time: 2783.7
		AMR SERVICES INC.	-		rei	formed the fol			ation referencing the Manney M20B. Mainter	aanaa Manual
	Engine: TCM 10-550-G S/N: 679111	N9166Z	Sept. 04, 2011						ection referencing the Mooney M20R Mainter resision Check with the following results: Cyline	
	Performed the following maintenance:	Engine TMOH: 1014.9	Tach. Time: 2656.5					, #5 62/80, #6		uels #1 03/80, #2 /8/80,
	1 Complied with an Annual Incomplied									w often wennin Deufermed
	2 Performed a Differential Compression	n referencing the Mooney M20R Maintenand	ce Manual.						Bulduc Aviation for repair. Installed cylinde d ok, and leak checked OK.	after repair. Performed
	76/80, #4 74/80, #5 76/80, #6 71/80	on Check with the following results: Cylinders	s #1 74/80, #2 65/80, #3						8 qts. of Philips X/C 20W/50. Cut oil filter, for	ound normal Installed new
	3. Removed starter, replaced starter "O"	" ming. Installed a		1			9-1 filter.	nemsiled with	8 qts. of Filmps A/C 20 W/30. Cut on filter, it	ound normal. Instance new
	4. Removed rust from #2 cylinder valve	ring. Installed starter.						ains and found	l it functioning normally. Leak checks found t	o be satisfactory
	5. Verified the magneto-to-engine timin	cover. Primed and painted.			— This				ace with FAR Part 43.13 Appendix D and is a	
	6. Ground run the engine and found it fo	unctioning normally. Leak checks found to be			serv		en mspeet	ed ili accordai	ice with PART art 43.13 Appendix D and is a	A ====
	This engine has been inspected in accordance w	with EAP Part 42.12 Amount to be	e satisfactory.		Serv	icc.				
	service.	And is appropriate Annual Appendix D and is appro	oved for return to						Authorized Signature:	/
			λ —							
	A	thorized Signature							Ron Dass	S AP 470847011 IA
	Au	uthorized Signature:	- Jahr						End	
		Ron Dass A	P 470847011 IA						L	

1845,8 HOBBS

service.

1975.9 A/F TT 1 APRIL 2006 N9166Z M20R 1975.9 S/N 29-0035 IO-550-G(5) S/N 679111 ENG. TT 1845.8hr. ENG. TSMOH 204.2hr. McCAULEY 3A32C418-C/G-82NTLC-9 S/N FP3067B PROP. TT 741.7hr. PROP. TSNew 118.6hr. 1058,2 LUBRICATED AND PERFORMED CONTROL TRAVEL CHECKS. INSPECTED AND PERFORMED ELECTRICAL SYSTEM CHECK, CHANGED OIL and FILTER CH48109-1, SERVICED WITH 8 QUARTS EXXON 20/50W SYNTHETIC TESTED IGNITION LEADS, CLEANED AND GAPPED SPARK PLUGS, CHECKED MAGNETO TIMING, COMPRESSION - CHECK #1 72/80 #2 76/80 #3 75/80 #4 70/80 #5 71/80 #6 71/80. A.D. 2005-12-06 MAGNETO IMPULSE FAILURE. N/A by ENGINE MANUFACTURE / MODEL. C/W A.D. 84-26-02 PAPER INDUCTION AIR FILTERS BY VISUAL INSP. NEXT DUE @ 500hr. A/F TT (replacement) (recurring ea. 100hr., replace due ea. 500hr.) RUN UP, LEAK, OPERATIONAL / FUNCTIONAL CHECK SATISFACTORY. A.D.'S THRU 2006-05. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. 23 APRIL 2007 N9166Z M20R S/N 29-0035 HOBBS 2032.1 2162.2 A/F TT IO-550-G(5) S/N 679111 ENG. TT 1975.9hr. ENG. TSMOH 390.5hr. McCAULEY 3A32C418-C/G-82NTLC-9 S/N FP3067B PROP. TT 1060.1hr. PROP.TSNew 1060.1hr. LUBRICATED AND PERFORMED CONTROL TRAVEL CHECKS. INSPECTED AND PERFORMED ELECTRICAL SYSTEM CHECK. CHANGED OIL and FILTER CH48109-1. SERVICED WITH 8 QUARTS EXXON 20/50W SYNTHETIC TESTED IGNITION LEADS, CLEANED AND GAPPED SPARK PLUGS. CLEANED FUEL INJECTORS. CHECKED MAGNETO TIMING. COMPRESSION CHECK #1 70/80 #2 65/80 #3 73/80 #4 70/80 #5 73/80 #6 72/80. A.D. 2007-05-04 UPPER ENG. MOUNT / INSULATION, N/A by A/F S/N. A.D. 2007-04-19R1 CYL. SEPARATION - SUPERIOR. N/A by Cyl. MANUFACTURER - ALL 6. (Engine O/H'd 3-2-2005, TCM Cyl. Assy.# EQ7090). A.D. 2007-04-19 CYL. SEPARATION -SUPERIOR. N/A by Cyl MANUFACTURER - ALL 6. (Engine O/H'd 3-2-2005, TCM Cyl. Assy.# EQ7090). A.D. 2006-12-07 CYL. CRACKS - ECI. SUPERIOR. N/A by Cyl. MANUFACTURER - ALL 6. (Engine O/H'd 3-2-2005, TCM Cyl. Assy.# EQ7090). C/W A.D. 84-26-02 PAPER INDUCTION AIR FILTERS BY REPLACEMENT. NEXT DUE INSPECTION @ 2262 hr A/F TT REPLACEMENT NEXT DUE @ 2662 hr. A/F TT (insp. recurring ea. 100hr., replace due ea. 500hr.) RUN UP, LEAK CHECK AND OPERATIONAL CHECKS SATISFACTORY. A.D.'S THRU 2007-08. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

YEAR	6/6	/08 IO-550-G(5)	S/N 67911	1 Eng. TT 2352.1 580.4 SMOH		d Alterations
DATE	Ch	anged oil with X/(C 20w-50. Ch	anged filter with ch48109-1 filter.	Split old filter	pecific entries.)
	An	d no metal found.	Compression	check 1. 72/80 2. 72/80 3. 71/80 4	. 73/80 5. 75/80	
				oed controls. Checked ignition leads		
	Lea	ak check satisfacto	ry. I certify t	hat this engine has been inspected i	n accordance	
	W 1	th a 100 hour insp	ection and wa	as determined to be in airworthy co	ndition.	
	Kic	hard Ranheim	he to go	her AP2782108		
				AMR SERVICES INC.		-
	Engine:	ГСМ 10-550-G		N9166Z	9	July 7, 2009
	S/N: 679			Engine TMOH: 754	1.9 Tach. 7	Γime: 2396.5
	Performe	ed the following ma	aintenance:			-
	1.	Complied with an A	Annual Inspec	ction referencing the Mooney M20R	Maintenance Manual	
	2.	Performed a Differ	ential Compres	ssion Check with the following results	: Cylinders #1 77/80	, #2 76/80, #3
		70/80, #4 /4/80, #5	76/80, #6 76/	80		26
	3.	Verified the magne	to-to-engine ti	ming, found satisfactory.		-
	4.	Ground run the eng	gine and found	it functioning normally. Leak checks	found to be satisfacto	orv
	This engi	ne has been inspecte	ed in accordan	ce with EAR Part 43 13 Appendix D a	and is approved for re	eturn to

Authorized Signature Richard Ranheim 2782108 IA

YEAR DATE 05	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.)
3-22-04	hobbs	1641.	6	Installed this engine on Mooney sin 29.0035
-			N# 9166	Installed this engine on Mooney sin 29.0035 Z. Using new eninge Isolator mounts, New oil Flexable hoses. Replaced + Repaired as arguind scat
			and Fel	Flexable hoses. Replaced + Repaired as gravined scat
				Cleaned Airtilter, Inspected Exhaust Replaced all 4
			Exhaustha	ngers Replaced 2 tan's probes and 2 heating Rads.
			Replaced A	It Air door Magnet. Replaced worn areas of battle
	fi		Deal Kepl	aced Vaccome Lines. Installed 2 new Baffling springs
			and Sid	elline from Chaffing. Installed Supplyed 100 Amp Alt.
			A. Their	er. Serviced engine with 9pts Phillips xc20W50TyAM
				rcraft Services. Engine Runupa Setup Completed
		•	hearby certify that	
			in accordance with	an (Amount / 100 HR) inspection and found to be in an airworthy condition.
			Hobbs / Tach 1 Time S.M.	793. 19
	*		ate of Prop O.H. / 1	New 433, 8 hrs.
			Annual Inspection	Due 3 2006 Undas 6 14947/063829
		Date		Signature & License Number Air Service, Inc. PO Box 1077 Willmar, MN 56201 320-235-4844

11041.6 HSBBS

IAIZE		1641.6	HOBE	35	
AKE Continental	MODEL	IO-550-G	S/N	679111	٦i
otal Time eng 1771.7	Hours Time Sinc	- 14 -: -		V	- 17
his engine was disassembled, cleaned, inspected and reasse s per the manufacturer's current overhaul manual	mbled with necessary	new parts in accor	rdance with a r	zero Hours	
s per the manufacturer's current overhaul manual	X30568A New	tolerances and cle	arances were	maintained. A detailed	- 1
arts list is on file at this agency. The following accessories we nstalled TCM cylinder kit P/N FQ7090, which	ere overhauled or exc	hanged. See maint	enance releas	es in this lookask	- 1
nstalled TCM cylinder kit P/N EQ7090, whice 554857BP, and piston pin P/N 630046. Installe	h includes cyl.	valve assemb	olies P/N 6	55474A19 pints = -	
554857BP, and piston pin P/N 630046. Installe overhauled by Poplar Grove Airmotive, Inc. Ins	d one (1) Bendi	x magneto rigi	nt P/N 10-6	SOURCE 4 O'N HEAD	N
overnauled by Poplar Grove Airmotive, Inc. Ins	talled low time m	agneto left P/N	110 500556	300556-1, S/N K289407	D
overhauled by Poplar Grove Airmotive, Inc. Installe 01.8 hours SMOH bench tested and found in	good working or	rder Installed	fuel	-1, 5/N J079807DR, wit	th
91.8 hours SMOH bench tested and found in ncludes the following components T/CONT S	N A05BA087P	F/DMD C/N DA	ruer system	m P/N 649053A-1 which	h 1
nstalled oil cooler P/N 10195A S/N KOA 4570 4		Uni Onia Eu	SDA TOUR,	WIVLY SIN COSRADZCE	- 1
Ilternator P/N 649304R, S/N 001DA043R repaire	d by Airereft O	, acinc on C	oler Servic	e, Inc. Supplied one (1)
S/N A113437, repaired by Poplar Grove Airmotiv	o Inc	tems, Inc. Sup	plied one (1) starter P/N MHJ-400	3
Il applicable ainvorthiness directives and all the	o, 1116	-END	-	100,	٠,
Il applicable airworthiness directives and related factory publi ook. This engine was test run in an FAA approved test cell a	cations have been ch	ecked for complian	ce at this date	See list in this	
ook. This engine was test run in an FAA approved test cell a nd inspected in accordance with current regulations of the Fe	nd meets specification	ns. The aircraft end	ine identified	ahove was reading	11
nd inspected in accordance with current regulations of the Fe ork performed. Pertinent details of repair are on file at this re	deral Aviation Adminis	stration and is appr	oved for return	to service for the	П
	r and and and and			to service for the	
Poplar Grove Airmotive, Inc.	rk Order #	8997	Date	3/2/2005	
	, /		<u> </u>	0/2/2003	
oplar Grove Airport, Poplar Grove, IL Konrac	d Parris	1	<u> </u>	_	1
AA Approved Repair Station #YYRR6641		Signed for Co.		2	1
and inspected in accordance with current regulations of the work performed. Pertinent details of repair are on file at this	Federal Aviation Adm	Signed for Pop!	ar Grove Airm	notive, Inc.	1
work performed. Pertinent details of repair are on file at this	s repair station under:	mistration and is a	pprovea for ret	urn to service for the	7
	Vork Order #				#
Poplar Grove Airmotive, Inc.	Tork Order #	8997	Date	03/02/2005	
Poplar Grove Airport, Poplar Grove, IL		1400	- 1	\mathcal{I}	
FAA Approved Repair Station #YYBR664L	_	Sin H	-13		
		Signed for Po	plar Grove A	irmotive, Inc.	
				·	_

YEAR RECORDING TODAY'S TOTAL **Description of Inspections, Tests, Repairs and Alterations** FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.) DATE MANUFACTURER: Continental **ENGINE MODEL: 10-550-G** S/N 679111 WO# 8997 AD# DESCRIPTION **COMPLIANCE STATUS** #86-13-04 R3 cylinder N/A to new cylinders installed 88-03-06 oil filter P/N 649309 and P/N 649310 N/A by filter P/N 91-19-03 oil filter N/A by filter P/N 93-10-02 cylinder N/A to new cylinders installed 93-16-15 fuel pump drive coupling P/C/W has updated shaft 98-01-08 roller rocker arm N/A roller rocker arms not installed 99-19-01 crankshaft N/A by crank S/N 00-00-01 oil filter adapter N/A by adapter model 00-23-21 crankshaft C/W IAW MSB00-5C #04-08-10 cylinder N/A by installation of new cylinders Poplar Grove Airmotive, Inc. FAA Approved Repair Station # YYBR664L Date: 03/02/2005

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	YEAR Date	RE <u>Cor</u> ding _t Tach Time	TODAY'S FLIGHT	S 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.)
TTAF V - A/C NS - LH mas	V9166Z	10-500		Sept 24, 2004 Sylvation Sy	10 Feb	2005 H		Engine	To how we
Aircraf	ift ground ru	ın servi	iceable.	Adoct Fill Ott. Harry Cant. Six 757 750° 176				ung C	Brinnegen AcP471130665
The ma	naintenance rthiness requ	describ Juireme	ped above h	has been putformed in accordance with the applicable					
- Righal	L July	Ma	AMO	14) 1679.9 AIFTT					

YEAR DATE			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.)	YEAR 2004	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.)
Alche Sent Span Span Span Span Span Span Span Span	3/80 Medy Janety The Color	Her Din Dill	CONTROLLES	Technician or Repair Facility. (See back pages for other specific entries.) PROJECT CHERT 168180 #277180 DESCRIPTION OF SERVE SURVEY TOURS OF SERVEY SURVEY TOURS HOUSE CONSTRUCTION OF SERVEY ON SERVEY REPLACED #2 4754 ON SERVEY REPLACED #2 4754	4-8-04 6-9-04 9-12-04	TIME background background	R.'s in ass nested fac 3.4.0.H	SERVICE (2m ordenes with a Time 140 O.M. Ispusion Due	Technician or Repair Facility. (See back pages for other specific entries.) The second least form an Airwarday (100 lts.) Hrs. Engine Total Time 1535-9 Mrs. Time \$250-85 Mrs. Fell 2005

use of f fest 45. our 80, New CH spark planting to the start of th	287,2. Assert total from Corrected by the Polots flight long 100 hr. Forg. Compression follows. #170 #27, #372 #466 #571 #670 oil and filter changed. Bits Accostell 15-50 48100, No metal in old filter Services
Mays to	Legels loop states on mutiles by Cracks Imp. States and AH. Firsty I'll of Probe, and AH. Air door magnitu Installed able used Tack Sensor in later may. Timed a engine Serviced sporkplags, tastalled as well standby vac system. Chulled, lastyle serviced, Irop blades and spinner, hunup and setup lampeted. Next page.

				· · · · · · · · · · · · · · · · · · ·
YEAR	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
DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
				I hereby certify that this (Airframe) has been thoroughly inspected as per existing
				The same of the sa
				FAR's in accordance with an tannual Inspection and found to be in an Airworthy
				Condition Tech Time 1/57.1 Hrs. A/C Total Time 1/287. 2 Hrs.
				T.S.M.O.H. Hrs. Engine Total Time 1882 Hrs. Date of Prop O.H. 8-30 Ol Time S.P.C.H. 1851 Hrs.
				New Annual Inspection Duy
		-		Jun 19, 2003 Jane Des Holy 20030 3.
				Date Signature and License Number Willmar Air Service, Inc. Willmar, MN
	1334.7	7_		Williast Wit Setaice, Inc. william, inte
4-20-0	3 1201.6	9		Owner Changed oil and Filter, Serviced & quests
				Acrestall is its output Math
٥-١-٥	3 1389			Owner Changed oil + Filter. Serviced 8 9th Aeroshell 15W50 Owner Maint
C I				Aesoshell 15W50 owner Maint
0.17.0	3 1440.3			Owner changed oil + Filter Served 8 gts AcroShell
10. 15				owner Maint.
10-18-0	03 1490			Owner changed oil + Filter, Services 89ts Acashell
				Owner Maint.

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.)
Lompress 15-50, he on stylled gaskets Lispected travel ste and trasp	In as y I now b I have and residently p to shop of 1 5p	8/1005 448/09 54. rt 17.00 2	Al. 70 Installed, er Just Anthe fla Loth m nstalled Survivo	Reconstalled eraying and accessive after Erages 1. Set gravois part, 100km jusp Completed 273 #371 #170#5 76 #6 71/80, 8gts /two-lell Inspected plags, Christial Mas to employ training Med a new Attender Installed 3 new rat-the mes, for little was cleaned, Exhaust system en exchets, herostiled Eragen Controls, Christial prop. Plw 3A 3064/8-6 5/w 0/0287, L blades, Engar wached with Solved, Installed insto GTC, Engar wached with Solved, Installed
				Enl., Auf Pigr.

YEAR (12 v () 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.)
		Петеру с	entry that this	(etrenati) has been thoroughly inconsical on per culishing (engino)
		FAR'S IT	accordance v	vith à (ennual) Inspection and found to be in an sincoting
			Tach Tima_	(100 hr.)
		1.S.M.O.		Hrs. Engine Total Time //04/ Hrs
		Date of F	MAN S	
				1 1/2 200
			ral Inspection 18 XX/	45/47280303
		Osto	/	Signature and Lipense Number WILLMAR AIR SCRUCE IND. NOLLMAR MINN
Novambre	R 28, 2001	16355	1050	
2/22	CAE USOS	mH5	603 Str	SE OPS CLECK O. C. PAR CROCK AND 7717355 - Vand
3/11/	1205,1	5		Col Charge + Filter 84t Acroshell Book May 1861
10/2/0	3 1255.0)		Oil Charge & Filter 89ts Acastell BUSO The A Note
			1	UII CHARGE THING SQUE TIES

YEAR	RECORDING	TODAY'S	TOTAL	December of Lorenting Today Position and Altorations	YEA		Engine Airworthine	ess Directive Status	llterations
DATE		FLIGHT	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.)	DAT	MANUFACTURE	R: Continental	Engine Model: IO-550-G S/N: 679111	Number of cific entries.)
Disassembl	oft engine ident on and is appro- pair station und Work (ed, cleaned ar nagnetos, rightems, locales	o4 ified abov ved for re er: Order # ad inspec ht P/N 10	6360 ted engine du 500556-1, S/N	IO-550-G S/N 679111 Time Since Major Overhaul: N/A Hours and inspected in accordance with current regulations of the Federal Aviation for the work performed. (As detailed below) Pertinent details of repair are on Date 11/6/01 e to propeller strike, in accordance with Teledyne Continental SB96-11. IK289407D, left P/N 10-500556-1, S/N K289406D, overhauled by 653353-1, S/N K21945A repaired by RLB Accessory Service. Supplied by Teledyne Continental Motors. This engine was test run in an FAA -END		Poplar Grove A	cylinder head to barrel separation oil filter P/N 649309 and P/N 649310 oil filter cylinder valve retainer key fuel pump drive coupling exhaust roller rocker arm crankshaft manufactured in 1998 crankshaft Airmotive, Inc. irport, Poplar Grove, IL Repair Station #YYBR664L	N/A to new cylinders installed N/A-new "current" oil filter installed N/A per date new filter date code C/W by inspection IAW para. (d) P/C/W-has coupling P/N 653359 N/A-roller rocker arms not installed N/A by crankshaft S/N C/W by date code inspection Work Order # 6360 Date 11/6/0 Signed for Poplar Grove Airmotive, Inc.	11
Poplar Gi Poplar Grov FAA Approv	9 Airnort Don	In- 0		Signed for Poplar Grove Airmotive, Inc.					

Manufacturer Continental	Model _10-550-G	
serial <u>(279111</u>	Type Certificate	
^{(h} is engine is currently installed	l in aircraft:	
	Oil Grade Summer	
Magneto Time	Point Setting	Firing Order
Spark Plug Gap	Foint Setting	I ii iii g O i a o i
Manufacturer's Recommended C	avorbaul at house	

ENG. LOG #1 NEW

TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

USE ONLY FUEL CONFORMING TO ASTM D910.

USE OF AUTOMOTIVE GAS IS NOT APPROVED.

ANEW ENGINE

LOG

N 9166Z

AIRCRAFT N NUMBER

IO-550-G(5)

ENGINE MODEL NUMBER

679111

ENGINE SERIAL NUMBER

	TURE	LICENSE
ATE TO THE TOTAL PARTICIPAL AND	TORE	NUMBER
CENTRAL WISCONSIN AVIATION, INC.		
CENTRAL WISCONSIN AIRPORT • 400 CWA DRIVE • MOSINEE, WI 54455	1//3	
Powerplant Logbook Insert		
N9166Z		
10-08-01 HODDS THAT - 1102 (
HOBBS TIME: 1102.1	(0)	
REMOVED PROPELLER DUE TO IMPACT WITH ASPHALT. DYE	(A)	Largh
PENETRATE CHECK CRANK PROP FLANGE—NO CRACKS NOTED		
CHECKED RUNOUT AT FLANGE—FOUND WITHIN LIMITS	100	
INSTALL NEW McCAULEY PROPELLER MODEL 3A32C418-C	Gost.	
HUB S/N 010289 IAW MANUFACTURES INSTRUCTIONS FOR FERRY FLIGHT FROM CWA TO ILL. GROUND RUN/LEAK		
CHECK OK.	44	
	180	
GREGORY GCONNOR		
1 aca Clum	17/4	
A&P 387,4(561)		

DATE	R.P	.м.		ME OI ROUN			TIME I	Ν	TOTAL	TIME	DEDAUGE AND WATER OF THE PARTY
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	REPAIRS - ADJUSTMENTS SIGNATURE LICENS
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BROUGH	T FORWA	.PD									
	TOTAL										

	ENGINE LOG													-							E	NGINE	LOG			
DATE	R.P./	.м.	TI/ GI	ME ON	7	TI	ME IN	١	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNAT	ATURE	LICENSE NUMBER	DATE	R.F	P.M.		TIME ON GROUND		TIME IN		TOTAL	TIME	REPAIRS – ADJUSTMENTS		LICENISE
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			NOMBEK		Ground	Air	Hrs.	Min. Total	Hrs.	Min.	Total	Hrs.	Min.	i	SIGNATUR	NUMBER
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							1100	701	1	1	1			·					<u> </u>					A,	-P 470 X4	535IL
	-+		conditio	n. Ta	ch Tìm :	Icla	- 1		4	1	10/aS-1 Hrs.			July ?	1 - 01	ادار	06 16	98.	Charge	ad Oil	FILE	· · &(1.7c	15-50W - Run Up	ľ	
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DATE	R.P.	.м.	T G	IME O	N ID		TIME I AIR	N	TOTAL	TIME	REPAIRS – ADJUSTMENTS		
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ENGINE LOG

LICENSE

NUMBER

SIGNATURE

TIME ON TIME IN TOTAL TIME R.P.M. LICENSE GROUND REPAIRS - ADJUSTMENTS SIGNATURE DATE NUMBER Min. Total Hrs. Ground P.N. 600419-503 HULDY 509-44-5394 VERLIN L. SCHAUER JA 1972317 BROUGHT FORWARD **TOTALS**

DATE	Grou	FAA APPI				1480 EDEN ION MZE	01 PIO PRAIF 612-9 ER198L		RAIL 55347		8-22-96 N 9/66Z 69/ arts of Aeroshell 15W50	SIGNATURE	LICENSE NUMBER	DATE 1998 5-8	R.P. Ground
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-		oil.	Ref	erer	nce M	10deri	n Ae		rk Orde	_	Λ .				
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										CERT	IFY THAT THIS ENGINE	HAS			
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BROUGH	T FORWAR	RD								TOTAL	TIME 811 DATE 4:2-9"	ION			
	TOTALS									UIAL (TIME 811 DATE 4-3-97 HRIS C. GRADISAR: AP. 5234581591A			BROUGHT	[FORWAR
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DATE	R.P	.м.		IME O			TIME I AIR	Ν	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE LICE
1998	Ground	Air	Hrs.	Min.		Hrs.	Min.	Total	Hrs.	Min.	NUM
5-8	1200	WM.	etel	87	4 40	W15 7	5 to	1 Tim	e: 1	Dun	Un I INSpection Completed This DA
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						Air ti	Her	Repla	cemen	U_{\bullet}	ue pf 993 Hours, Cleny And Reissfull
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											BEEN INSPECTED IN ACCORDANCE WITH
							-				DETERMINED TO BE IN AN AIRWORTHY CONDITION
											TOTAL TIMES 7446 DATE 5-8-98
											FRED B. PHILLIPS: AP. 14101221A
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BROUGH	T FORWA	RD									
	TOTALS										

DATE	R.P.	.м.		IME O ROUN			TIME I AIR	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE	LICENSE
/AIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	ALI AINS - ADSOSTMIENTS SIGNATORE	NUMBER
	=		V			14801 EDEN P 61	PIONE RAIRIE 12-941-	ERO, INC. ER TRAII , MN 553 2595	L 47	DATE_6	-26-96 _N 9166Z 543 Hobbs	
						N MZER					,	
	CI	hange	e oil	L &	fil	ter (CH 4	8109	. Ser	vice	with 8 qts.	
	A R	erosh ef. N	nell Moder	150 n 6	√50. √0 ‡	Run #2481	up.	and	leak	chec	k Satisfactory	
	16.00				31							
					39							
ROUGH	T FORWA	RD										
	TOTALS			-								

D —	MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347 612-941-2595	ENTS	SIGNATURE	LICENSE NUMBER
)	FAA APPROVED REPAIR STATION MZER198L			
_	CHANGED OIL AND FILTER, SERVICED WITH 8 QTS 15W50 AEROSHELL OIL AND CH48109 FILTER. NO METAL FOUND. COMPRESSION #1-66/80, #2-70/80, #3-74/80, #4-68/80, #5-74/80, #6-61/80. INSTALLED NEW SPARK PLUGS. REPLACED MUFFLER PART #630112-501. RUN-UP CHECK OK.			
_				
_	DATE 72696 TOTAL TIME 595.7			
	I CERTIFY THIS Engine HAS BEEN			
_	INSPECTED IN ACCORDANCE WITH A Honuz			
	INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			
_	FOR DETAILS SEE W/O 24967			
_	AUTHORIZED SIGNATURE Bruce & Behrena			
_	MODERN AERO, INC., EDEN PRAIRIE, MN			
	FAA APPROVED REPAIR STATION MZER 198L			
BRC	DUGHT FORWARD			
	TOTALS			

DATE	R.P.M.		TIME ON GROUND		TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
	Ground	Air	Hrs.	Min. Total	Hrs.	Min.	Total	Hrs.	Min.	KEI AIKS - ADSOSTMENTS	SIGNATURE	NUMBER
			FAA APPI	ROVED REPAIL	R STATIO	1480 EDEN)1 PIONE PRAIRIE 612-941-	ERO, INC. ER TRAIL , MN 553 2595		DATE 4-19-96 N 9166Z TIME Tach 455		
	Changed oil and filter, serviced with 8 quarts of Aeroshell 15W50 oil. Ground run-up leak Check was OK Refer to Modern Aero W.O. 24661											
ROUGI	HT FORWA	RD										
	TOTALS											

	22-96 N 9166Z C HOBBS 493.5		
EDEN PRAIRIE, MN 55347 612-941-2595	, NOBBS 493•3	JUSTMENTS	SIGNAT
FAA APPROVED REPAIR STATION MZER198L			
COMPLETED A 100 HR. INSPECTION ON THIS DATE.	CHANGED OIL AND		
FILTER WITH 8 QTS 15W50, NO METAL IN OLD FI	LTER. COMPRESSION	-	
RECORD 1-71/80, 2-74/80, 3-75/80, 4-24/80, 5	5-74/80, 6-64/80.		
CLEANED, GAPPED AND ROTATED PLUGS. IGNITION			
FILED AND PAINTED PROP. CW AD 84-26-02. II			
BY REPLACING FILTER (NEXT DUE HOBBS 993.5.			
5 AND 2 INT AND ET ROCKER COVER GASKETS, AND			
COVER GASKET. CW AD 78-09-07 R3 BY INSPECTION			
(CONDITION SATISFACTORY) PERFORMED 500 HR			
INSPECTION OF MAGNETOS. REPLACED POINTS AN BOTH MAGS ALL OTHER COMPONENTS SATISFACTORY	D CONDENSERS IN		
MAGS ON ENGINE AND TIMED TO 22°. RT MAG TO	M FERRO 25 CN 10	= 11.01	
500556-1. LT MAG TCM 56RSC-25 SN 10-500556	5-1. WASHED	DATE 7-22-96	TOTAL
ENGINE AND LUBED CONTROLS. GENERAL INSPECT	TON RIN IIP AND LEAK	I CERTIFY THIS	DOON.
CHECK SATISFACTORY. REFER TO W.O # 24738		MASTECHION AND H	VAC DES
		THY THE PROPERTY AND THE PARTY	NIDITION
BROUGHT FORWARD		TWIN DE TAILS SEE V	V/O . A 4
TOTALS		AUTHORIZED SIGNA WODDEN AERO, INC	TURE

LICENSE NUMBER

ENGINE LOG TIME ON TIME IN R.P.M. TOTAL TIME GROUND LICENSE REPAIRS - ADJUSTMENTS SIGNATURE NUMBER Hrs. Min. Total Hrs. Min. Total Ground Min. DATE 12-26-95 N 9166Z MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347 612-941-2595 FAA APPROVED REPAIR STATION MZER198L CHANGED OIL & FILTER. SERVICED WITH 8 QUARTS 15W50 AEROSHELL & CHAMPION CH48109. CUT OLD FILTER. NO METAL DETECTED. LEAK CHECK OK. REFERENCE MODERN AERO WORK ORDER #24437 . Long . C. BROUGHT FORWARD **TOTALS**

DATE R.P.M. MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347 612-941-2595
COMPLETED ANNUAL INSPECTION. CHANGED OIL & FILTER. SERVICED WITH 8 QUARTS OF AEROSHELL 15W50 OIL. CLEANED ALL FUEL INJECTOR NOZZLES. CLEANED & GAPPED ALL SPARK PLUGS. GROUND RUN-UP LEAK CHECK WAS SATISFACTORY. N9166Z Certify that this has been inspected in accordance Richard D. Moline II with a Annual IA 475887803
ABROSHELL 15W50 OIL. CLEANED ALL FUEL INJECTOR NOZZLES. CLEANED & GAPPED ALL SPARK PLUGS. GROUND RUN-UP LEAK CHECK WAS SATISFACTORY. N9166Z Certify that this has been in accordance with a
BROUGHT FORWARD TOTALS

DATE	R.P.M.		TIME ON GROUND		TIME IN AIR			TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE	
DATE	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	KEITAKO TABOOTMENTO	JIOI WITOKE	NUMBER
						1480 EDEN	1 PION	AERO, IN NEER TR. RIE, MN 5 11-2595	AIL		9-25-95 _N 9166Z 280		
		FAA API	PROVED	REPA	IR STAT	ION MZE	R198L						
		CHANGI RUN-UI	ED OIL A	AND FI	WAS SAT	TSFACTO	RV.	REF. MOD	P ABROSH BER ABRO CML	W/0/ ±5	50 OIL. GROUND 4171		
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										\vdash			
												-	-
BROUG	HT FORWA	RD											
	TOTALS												

DATE	MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347 612-941-2595 MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347	SIGNATURE	LICENSE NUMBER
	Completed a 100 hour inspection on thise date. no 0il change. Mag timing ok. Compression record #1-77/80, #2-71/80, #3-74/80, #5-73/80, #6-61/80. cleaned, gapped, & rotated plugs Ignition leads tested ok. Filed & painted prop. Cleaned ind air filter. Washer engine & lubed controls. Run-up and leak check and general inspection satisfactory.		
	DATE 10-13-95 TOTAL TIME 298,00 I CERTIFY THIS		
BROUGI	TOTALS		

DATE	R.P.	R.P.M.		.M. TIME ON GROUND			TIME IN TO			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNIATURE	LICENSE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	KELVIKS - AD2021MEI412	SIGNATURE	NUMBER	
			4		V		E	14801 P DEN PR	IN AERO, IONEER 1 AIRIE, MN -941-2595	TRAIL N 55347	DATE 6/27/95 N 91663			
			C	HANGE	O OIL A	ND FILT	ER. S	CK WAS S	WITH 8 (TORY. RI	F AEROSHELL 15W-50 OIL. SPRENCE WO 23909.			
				ate.								-		
		- 1												
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ROUGH	IT FORWAR	D												

MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347	TMENTS	SIGNATURE	LICENSE NUMBER
612-941-2595 FAA APPROVED REPAIR STATION MZER198L			
100 HOUR INSPECTION COMPLETED THIS DATE. CHANGED OIL AND FILTER. NO METAL DETECTED IN OLD FILTER. SERVICED WITH 8 QUARTS ABROSHELL 15W50. CLEANED. GAPPED TESTED AND ROTATED ALL SPARK PLUGS. COMPRESSION READINGS WERE. (1) 74/80 (2)76/80 (3)75/80 (4)75/80 (5)75/80 (6)65/80. A.D. 84-26-02 (INDUCTION AIR FILTER) DUE AT 500 HOURS. RE-TORQUE SEVERAL ROCKER COVER GASKETS. CLEANED ALL FUEL INJECTOR NOZZLES. RUN-UP AND LEAK CHECK SATISFACTORY. DATE 3-9-95 TOTAL TIME 198-9 I CERTIFY THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 24045 FOR DETAILS SEE W/O AUTHORIZED SIGNATURE MODERN AERO, INC., EDEN PRAIRIE, MN FAA APPROVED REPAIR STATION MZER 198L			
BROUGHT FORWARD		1 1 1 1 1 1 1 1	
TOTALS		ra PT	

ENGINE 100

D	MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347 612-941-2595 DATE 6-1-95 N 91662 TIME 102.8 hobbs	ENTS	SIGNATURE	LICENS NUMBE
_	FAA APPROVED REPAIR STATION MZER198L			
	COMPLETED 100 HOUR INSPECTION ON THIS DATE. CHANGED OIL WITH 8 QUARTS AEROSHELL 15W50. CHANGED FILTER WITH CH48109. SPLIT OLD FILTER & NO METAL FOUND. CHECKED MAGNETO TIMING AT 22 DEGREES BTDC. CLEANED & GAPPED SPARK PLUGS. CHECKED IGNITION LEADS. COMPRESSIONS CHECK - \$1-78/80, \$2-75/80, \$3-75/80, \$4-72/80, \$5-76/80, \$6-60/80. CLEANED FUEL INLET SCREEN. WASHED ENGINE & LUBED CONTROLS. RUN-UP & LEAK CHECK SATISFACTORY. GENERAL CONDITION OF THIS POWERPLANT IS SATISFACTORY AT THIS TIME & DATE. MAINTENANCE PERFORMED ON WO\$ 23821 **DATE: 6-95 TOTAL TIME: /o. INSPHECTIONAL OWAS DETERMINED TO INVESTIGATION AND WAS DETERMINED TO INVESTIGATION. HORDETAILS. SEE WIQ: 23821) 00 4A		
		WI WILLIAM		
DDOL	FAA APTROMED REPAIR STATION WAS	R THERE	NI.	
BROU	JGHI FORWARD			
	TOTALS I I I I I I I			

. 4		R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	0504100	· · · · · · · · MENTS	SIGNATURE	LICENSE NUMBER
			14801 PIC EDEN PRAI 612-9	AERO, INC. NEER TRAIL RIE, MN 55347 41-2595	DATE 3-31-9 TIME 34.4	5 _N _9166Z	1800		T TOWNSER
	FAA	APPROVED REPA	AIR STATION MZER198	-					
	PH	ILLIPS XC 20W50	ILTER. NO METAL DETE MINERAL OIL. RUN- Alley & M.	CTED IN OLD FILTE JP & LEAK CHECK S	R. ADDED 8 QUARTS ATISFACTORY. WORK	ORDER			
							A1	V 100	
- - -			14801 PI EDEN PRA	N AERO, INC. ONEER TRAIL IRIE, MN 55347 941-2595	DATE 3-31- TIME 34.	95 _N 9166Z 4	_		
_	FA	A APPROVED REI	PAIR STATION MZER19	3L					
 	H	BADER PIPES INS	ICE BULLETIN M20-257 SPECTION). NO CRACKS IN 5 HRS. OR 39.4 H	DETECTED IN ENTI	RE EXHAUST SYSTEM		<u></u>		

This engine model <u>1055065B</u>, Serial No. <u>679111</u>, was manufactured on <u>12-6-94</u> by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

Janus D. Sawart

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Aircraft Products