N9167J

The Standard



old/closed 7/2004

ASA-SE-1

ENG	SINE RECORD — GENER	RAL INFORMATION		
MANUFACTURER SUCOMING SERIAL L-9459-61A	мо		540-AFIA	
THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRA				
MINIMUM OCTANE FUEL	OIL GRADE SU	JMMER	WINTER	
MAGNETO TIME	POINT SETTING		FIRING ORDER	
SPARK PLUG GAP				
MFG. RECOMMENDED OVERHAUL AT		HOURS.		

The Standard



652 Oliver Street Williamsport, PA 17701 U.S.A. 717/323-6181

ENGINE SERIAL NUMBER 4 - 9 4 5 9 - 6 1 A

IN SERVICE DATE 0 5 0 5 9 4 ENG. 25 . 5

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

19 <i>94</i>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-5			25.4	Complied with AD 93-02-05 by inspecting fuel lines, nozzles and clamps per Lycoming SBNO.342A
				By: Mill g. Mill
5-5			25.4	Complied with Precision airmotive Service
				Complied with Precision airmotive Service  Bulletin No. PR\$-101 by replacing fuel injector  mangle assemblies.
				By: Mulif g. Muli

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	TIME	reiom	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				C/W <u>50</u> HR OII/Filter change Serviced with
				Aereshel 150 50 01. Engine washed, run and
				bak chaladd 12/0 74435
				ACT: 42 4 Date 7-13-94
				SIGNATURE CAT. CONT & AP574227741
				CIICADE ADIM Eman Official adulman
				SUGAR LAND JET CENTER
				HOUSTON, TEXAS
	D 17/4			

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
		bris run	S consi	N91675 3/17/95 W/b 395Z/
		374 T	FINESA	HIN 134.3 CHANGED OIL AND FILTER.  SERVICED WITH APROSHED ISWSD OIL.  ENGINE WASHED RUN AND LEAK SATIS.  This aircraft and/or component(s) has been repaired in accordance with current FAR's and is approved for return to service. W/O 34521  Acct 154.3 Cycles Date: 3-17-95  Signature Signature Cert.# APS74227741  SUGAR LAND JET CENTER  HOUSTON, TEXAS
			era mar	
			264	

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/1/95	154.5		154.5	Changed oil & fifter and serviced with
Con	n nessi	in		Almoshell 15W50. Cleaned & gapped spank plugs. Checked mag timing. Set T.O. RPM
#17	1/80 4	2 74/	180 100	C/W AD 93-02-05 feel injector lives insp.
#5 74	1/80 #	6 76	180	per para (c) + SB 342A. Due again at Next insp on whenever lines are disturbed. I
				CERTIFY that this engine has been inspected IAW a 100 ha. inspection and was determined
				W.O. # 9950 End. Som Biersehral
_				Mooney Aincart Conp.  CRS # PH2R820K

ATE	SUGAR LAND JET CENTER, INC P.O. BOX 1887 SUGAR LAND TEXAS 77487 (713) 242-2292 FAX (713) 242-2241 9/6/94 N9167J M20K WO #99420		R OF RIES.)
<u></u>	CHANGED OIL AND FILTER, SERVICED WITH AEROSHELL 15W50 OIL; ENGINE WASHED, RUN ANI CHECKED SATIS. FILTER INSP FOR CONTAMINATION, NONE NOTED AT THIS TIME.  J. KEITH JONES AP 574227741	D LEAK	50/1
	N91675 W/O 109536 10/19/95	27 01	14
	C/W 50 HR ON/Filter change Serviced with HROShell 15050 ON. Engine washed, run and leak checked W/O 109536  ACT 241-3 Date 15-19-95  Signature 0.7. Poneo Cert # AP574227741		124 S.2
100	SUGAR LAND JET CENTER HOUSTON, TEXAS		

19 <u>76</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRES)
7/29	248.0	5.1	248.0	Removed engine for propeller stake
-01 sa	20.233	1200	200	inspection and exhaust value of the market
r or s	lab se	L. Ange	a. Y	Reinstalled engine, designated AFS 2006
- 31		100		UP PET MEDM SErvice Manuality ST 12418
	4 4	- 17/0		Aroual inspection completed this are Cham
	CASC			oil and filter serviced with Acousticist
	7.4			Kun-up and leak chk good Compress in chel
4 3 3 3	1			14/80, 14/80, 73/80, 74/80, 73/80 73/80 esset And And And
Alexander	13 35			TAPOTTIE DOOST DUMP MICROSWITCH AS USED A
	837			pressure, Adjusted alternator announced of
357.0				LYC. 58 518C on thermostate by section

DATE 1996	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/29	(cont.	wed)	30570	only. c/w AD 93-02-05 on fuel injector lines.
of 50	born y	al he	value	I certify that this engine has been inspected
13 6	6 3.	A 83	6676.2	IAW an annual inspection and was determine
811	SE 12	5Y3 1	acris II	to be in an aurworthy condition this date.
vorsel.	). 275b	214	batala	W.O. 10200 END. Ph & De
08-64	n Haird	SA A	Mear Ly	CRSEH2R920K
Frede	170.73	3-0000	5.600	Hooricy Act. Corp.
	BA . B		68°57 6	MET AND WE COVER STATE OF THE S
123/97	435.1	BALL	435,1	100 hour inspection completed this
	R 75	313000	15 -01	date. Tostalled New RHB37E spark
(3)	D . M99	OT 9	12.1	ologs, Checked mag timing. Set idle
	to and a	Ilau es	4.1.	mixture & RPM. Tighteneel loose

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/23/97	Con	tino	ed)	bolt on tunbo bracket, Tightened
35.51	TA S			clamps on #1  oil drain back
-333	W. V.		444	tubes. Replaced creacked battle bracker
	7 77		- Faller	ON LIH battle. Changed oil + filter
7-70-3	12.113	71177		and serviced with Aeroshell 15W50
	14460		200	C/W AD 93-02-05 Amd 39-8487 fuel
16 1011	7 6 7			injector lives inspection per para
		100	1 / 3	(c) and SB342B. Due again at wext
0.675				scheduled inspection or whenever lives
10000				are disturbed. AD 95-07-01 N/A subject
	16300			bolts not installed. C/WAD 97-01-03
	1411			And 39-9874 piston pin failure per

19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/23/97	(Con	tinve	1)	papa (a)(1) and Lycoming SB527c. All
	Mass.			piston pins found to be code #71238,
+1		No. of		No further action required. AD 97-
		4/3/2	6 7559	01-04 Amd 39-9977 Found N/A by
10377	11/1/	1858	19 74	engine model Number, C/W AD84-26-02
	1 6 34	8-09		And 39-4966 per para (a) paper aire
	4051	100	1	filter replacement. Next due at HM 935.
	201	dasab	15 3/2 (	Compression check #1 70/80 #2 74/80
2001			146	#3 72/80 #4 74/80 # 5 71/80 # 6 74/80.
6901	apple.	10-5	95-2	I certify that this engine has been
	7-111-1	19 67	Chr	inspected IAW a 100 ha inspection
				and was determined to be in
Tivera				

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
23/97	Co	utinu	ed)	areworthy condition this date En
				W.O. # 10495, Jon Bierschwah
				CKS# FHZR820K
19/97	4834			Changed oil & filter and serviced with
				Aeroshell ISWSD. Washed engine and
		2 20 E	7 S S S S S S S S S S S S S S S S S S S	ground end. No Jeaks Noted. End
				Montes Aire east (200
				CRS#FH2R82OK

DATE 19.98	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-23	560			SUGAR LAND JET CENTER, INC FAA Certified Repair Station No. VDNR923B (281) 242-2292 FAX (281) 242-9579 4/23/98 N9167J MOONEY MODEL M20M S/N 27-0168 HM 560.6
	N = 2		2 12 12 12 12 12 12 12 12 12 12 12 12 12	1. CHANGED OIL AND FILTER SERVICED WITH AEROSHELL 15W50, OLD FILTER CUT OPEN AND INSPECTED FOR METAL, NONE FOUND. GROUND RAN AND LEAK CHECKED OK.  2. INSTALLED NEW RH LANDING LIGHT BULB.  I certify that the aircraft, engine, propeller, or appliance identified above was repaired & insp in accordance with current FAR's under which the operator is certified & is approved for return to service as per those requirements. Pertinent details of the repair are on file at this repair station under W/O No. 49935  Rick Jackson
			96	FAA Certified Repair Station No. VDNR923B
	4	6.00		

DATE 1998	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-17-98	598,3	0,00	598.3	Changed out filter, took oil sample deans dam
1992	1742	5 513/5	15510	gapped spark pluas, cleaned fuel injectors.
50	10 6-8	DDE 3	District.	Comp.Ck, 4-74#2-76#3-75#4-75#5-76#6-76, 6/W
385	153 Ala	Manil	"AVAND	AV 93-02-05 by inspection, washed Engine,
	(Soft)		F 9	ground run + leak check OK.
				I certify that this Engline
				has been inspected in accordance with inspection and was
		-5-1	dence will	Togno to be in an air-worthy condition
			13030	BRAY AIRCRAFT MAINTENANCE
			SUMARIS	IVIAN FRANCISA YARA
Constitution of				
			-	and the second s

DATE 1949	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-15-99	692.2	जीवार	692.2	C/W AD93-02-05 by inspection, C/W AD98-18-12
-1.50	52010	811 131		by Torque check OK, RECheck due at 142 hm.
- (1)	1/3/15/20	37-6	6/-4	changed oil triller, cleaned t gapped plugs
	2110013	11	(1////	Camp OL#1-76#2-77#2-75#4-75#5-76#6-74
-		1.7%		All sample takein
		7	liw eanab	I certify that this ENATIVE
		801	tras notis	has been inspected in accordance with
				inspection and was
			SUMMIS	BRAY AIRCRAFT MAINTENANCE
				DIAI AINGIAFT WAINTENANCE

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
- 7-00	807.9	350 p	807.9	PERFORMED ANNUAL INISPECTION OF ENGINE. DIFFERENTIAL
		1.50	18t-W	COMPRESSION CHECK AS FOLLOW: #1,77; #2,77; #3,7
18/201		and the		#4,75; #5,77; #6,78, CHANGED OIL AND FILTER.
ant I	13.0	MAKE	DE WE	CUT OPEN USED FILTER, NO CONTAMINANTS FOUND.
OIL	SAMPLE	SuB-	30-1	SERVICED WITH 10 OTS, AEROSHELL 15W-50 AND CHAMPIO
MITTE	D.TO A	MATION		CH48110 FILTER. REPLACED SPARK PLUGS, CHAMPION
LABOR	ATORIES.	100	Table	PIN RHB.37E. CLEANED FUEL INJECTOR NOZZLES AND
14.6			Sec. 3	AIR FILTER ELEMENT. REPLACED LIH MAGNETO MODEL
N.V		1		# 6361 S/N 92110001 WITH NEW UNIT S/N 00011591 AND
5-12-00				RIH MAGNETO MIGDEL # 6360 SIN 93040008 WITH NEW
G SPEAKE	The CALL ON	115. 17.19		UNIT S/N 00050006. REPLACED FUEL PUMP DECK
	- 30		La resurción	CONTINUED

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-7-00	807.9	SIMS	807.9	(ANNUAL INSPECTION CONTINUED FROM PREVIOUS PAGE)
TEN S	#2.77	777	3 130	REFERENCE FITTING PIN LW-78067. C/W LYCOMING
.38	Sa Es	40	MANGEL	S.B. 518C VERNATHERM INSPECTION. INSPECT EXHAUST
	AUST	Later was		SYSTEM, HEATER SYSTEM, AND TURBOCHARGER. C/W THE
	OLCHIA I	B -1.58	3.1363	FOLLOWING A.D. NOTES: 93-02-05: INSPECT FUEL INTECTO
WE KEE	10, 23	er Pre	898. G	NOZZLE LINES & CLAMPS : 98-18-12, RETORQUE FUEL
CHE E	MEZOW		Ext. 15	PUMP REGULATOR SCREUE, INSPECTED ENGINE INSTALLATION
4501	X 158 3.18	SEE A WAR	I TELE	FOR LEAKS, CHAFES, AND GENERAL CONDITION AND FOUND
Du	osh Aircraí	Company of the Compan		TO BE AIRWORTHY. VATE 8-7-00 T.T. IN SERVICE 807.9
Variation of the last of the l	RRVILLE MU	PHONE 2		AD'S CHECKED THRU: 2000 - 14 I CERTIFY THAY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE
1	KERRVILLE.			WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN ARROSTITY CONDITION.
	Nos			SIGNED: France France

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTIFICATIONS OF THE ENTRIES MUST BE ENDORSED WITH NAME, MECHANIC OR REPAIR FACILITY. (SEE BACK	RATING AND CERTIFICATE NUMBER C
Date:	01/27/01		-m3	Hr. Meter:842.4	N9167J
Aeros	ed oil and inspe		for metal. In	stalled new oil filter P/n CH48110 and serviced d for leaks. Re-sealed oil injector nozzle at #2	
leaks.					Found 7 Hm
					Fouad F. Hussain A&P461558166
Airfra	07/17/2001 me S/N: 27-01 ey Model M20	0.5%		Hr. Meter:861.2	N9167J
Remo	ved instrumen	t air pressu	ire pump and er element P	I installed new RAPCO, Inc. pressure pump Mo n 1J4-7. Purged system and checked operation	odel RA215CC, S/N A3080.
					Fouad F. Hussain A&P461558166

	Date:09/17/2001	Hr. Meter:871.5	TT:871.5	SMOH:N/A	N9167J	-
TE	Engine S/N: L-9459-6					
	Textron/Lycoming Mo	odel TIO-540-AF1B Annual Ir	nspection			1
	Inspected intake and e	exhaust systems for leaks. Per	formed compression to	est using differential press	ure tester as	
	follows: #1/68, 2/70, 3/	68, 4/02, 5/74, 6/70 over 80 p	si Removed cylinder	#4 and installed everbent	ad Corminil	
	complete stud assy P/	n 16A2203CN overhauled by	18. I Air Porte Inc. CDC	No IFODOMIC Jest-III	ed Cerminii	-
	new piston pin seals a	and gaskets. Pomoved #E evil	adar for out out to	NO. JEZKOZIK. INSTAILEC	cylinder with	
	Inc. Pointalled culind	and gaskets. Removed #5 cylin	nuer for exhaust valve	and exhaust stud repairs I	by J&J Air Parts,	
	Inc. Remstalled Cylinde	er with new seals and gaskets	. Drained oil and inspe	ected filter for metal (samp	le taken).	
	installed new oil filter P	P/N CH48110 and serviced eng	gine with 8 Qts. Aerosh	ell 100 straight mineral. F	Ran engine and	
	_ checked for leaks. Inst	talled new Lycoming cylinder h	nead drain back tube ki	t P/n 05K22372 Cleaned	ganned and	_
	tested spark plugs. Ch	necked and adjusted magneto	timing. Inspected and	cleaned all fuel injector no	halles Installed	
	(1) new injector nozzle	P/n 2524917-1. Purged fuel s	system and checked for	r leaks Installed (3) new	valve cover	
	gaskets P/n 75906. Ins	stalled new vacuum pump ada	pter seal P/n 06A1995	6-30 Checked torque on	all exhaust	
	system V-band clamps	Crankshaft gear AD 91-14-2	2 is due at next overha	aul nron etrike eudden et	onnago or	
	<ul> <li>whenever gear train rer</li> </ul>	pair is nessary. C/W fuel injec	tor line AD 93-02-05 n	or MCD 242D No disease	oppage of	_
	date Next due: 09 200	02 or Hr. Meter: 971.5 whichev	or occurs first CAM Is	ei Mab 3420. No discrep	pancies found this	
_	12 per MSR 520A All	scrows are properly torqued a	el occurs ilist. C/W Le	ear Romec rotary fuel pur	ip leak AD 98-18-	-
	chacked AD's thru DW	screws are properly torqued a	nd no signs of fuel leak	is this date. Next due Hr.	Meter: 921.5.	
	- Checked AD'S tillu DW			od in accordance with an		
		2001-18. I certify that this En	gine has been inspecte	ed in accordance with an a	Annual ,	-
	Inspection and was de	etermined to be in Airworthy of	gine has been inspecte condition.	Formal	Annual 7	
	Inspection and was de	2001-18. I certify that this En etermined to be in Airworthy of	gine has been inspecte condition.	Found	Annual	

DATE	Date:10/21/2002 Engine S/N: L-9459-61	Hr. Meter:921.9	TT:921.9	SMOH:N/A	N9167J
9	Textron/Lycoming Mo	del: TIO-540-AF1B Annual Ir	spection		
	follows: #1///, 2//7, 3/7 Installed new oil filter P/ leaks. Cleaned, gapped fuel injector nozzles. Ro cleaned fuel servo inlet 75906. Adjusted engine new #3 cylinder intake g wastegate. Crankshaft repair is necessary. C/N Next due: 10/2003 or Hr per MSB 529A. All scre Crankshaft AD 2002-04 MSB 552 & 553. Crank	haust systems for leaks. Perf 7, 4/78, 5/78, 6/79 over 80 ps n CH48110 and serviced engit and tested spark plugs. Che einstalled nozzles with new se screen. Serviced starter bend eidle speed to 650 rpm. Checked to gear AD 91-14-22 is due at new 1 fuel injector line and clamp 2 is Meter: 1021.9 whichever occurs are properly torqued and responsible for this Engine has been inspect of the service	si. Drained oil and inspective with 9 Qts. Aeroshell 1 cked and adjusted magneals. Purged system and clix with Silicone. Installed sked torque on all cylinder reque on all exhaust system extroverhaul, prop. strike, and 93-02-05 per MSB 34 curs first. C/W Lear/Romeno signs of fuel leaks this 2002-19-03 are N/A by date 1002-20-51 is N/A by date.	ted filter for metal (oil sa 5W-50. Ran engine and eto timing. Inspected and checked for leaks. Inspec- (3) new valve cover gast base nuts and thru bolt m V-band clamps and lu- sudden stoppage or where 2D. No discrepancies for ec rotary fuel pump leak date. Next due Hr. Mete- te of manufacture and so of bolt replacement. Che	mple taken). d checked for d cleaned all ected and skets P/n nuts. Installed abricated enever geartrain bund this date. AD 98-18-12 er: 971.9. erial no. list in
					uad F. Hussain P461558166IA

Date:10/09/2003 Hr. Meter:971.2 TT-971 2 SMOH·N/A N9167.J Engine S/N: 1-9459-61A Textron/Lycoming Model: TIO-540-AF1B Annual Inspection OF (S.) Inspected intake and exhaust systems for leaks. Performed compression test using a differential pressure tester as follows: #1/78, 2/78, 3/79, 4/77, 5/76, 6/77 over 80 psi. Drained oil and inspected filter for metal (oil sample taken). Installed new oil filter P/n CH48110 and serviced engine with 9 Qts. Aeroshell 15W-50. Ran engine and checked for leaks. Cleaned, gapped and tested spark plugs. Checked and adjusted magneto timing. Inspected and cleaned all fuel injector nozzles. Reinstalled nozzles with new seals P/n 951391. Purged system and checked for leaks. Inspected and cleaned fuel servo inlet screen. Serviced starter bendix with Silicone. Installed new intake gasket P/n 71793 on cylinders #3, #4 & #5. Checked torque on all exhaust system V-band clamps and lubricated wastegate. Tightened all cylinder oil drain back line hose clamps. Crankshaft gear AD 91-14-22 is due at next overhaul, prop. strike, sudden stoppage or whenever geartrain repair is necessary. C/W fuel injector line and clamp AD 2002-26-01 per MSB 342D. This AD supersedes AD 93-02-05. No discrepancies found this date. Next due: 10/2004 or Hr. Meter: 1071.2, whichever occurs first. C/W Lear/Romec rotary fuel pump leak AD 2003-14-03 per MSB 529B. This AD supersedes AD 98-18-12. All screws are properly torqued and no signs of fuel leaks this date. No further torque inspections are required per par (b)(3). Visual inspection is next due Hr. Meter:1021.2 (every 50 hrs. or until pump is replaced with suffix "M" pump. Crankshaft gear retaining bolt AD 2002-23-06 is N/A by bolt not installed during time period. This AD supersedes AD 2002-20-51. Checked AD's thru BW 2003-20. I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. Houston Aviation Center, LLC Sugar Land Regional Airport 12888 Hwy. 6 South Sugar Land, TX 77478 A&P383601083IA

DATE 19 RECORDING TACH TODAYS TIME IN SERVICE TIME IN SERVI								
Engine S/N: L-9459-61A  Textron/Lycoming Model: TIO-540-AF1B  Drained oil and inspected filter for metal. Installed new oil filter P/n CH48110 and serviced engine with 10 Qts.  Aeroshell 15W-50. Ran engine and checked for leaks.  Houston Aviation Center, LLC  Sugar Land Regional Airport  12888 Hwy. 6 South  Sugar Land, TX 77478  Date:06/18/2004  Fouad F. Hussain A&P461558166  Date:06/18/2004  Fouad F. Hussain A&P461558166  Date:06/18/2004  Frequency Fr		TACH		TIME IN	ENTRIES MUST BE ENDOR	SED WITH NAME, RATIN	G AND CERTIFICATE NI	MRED OF
Textron/Lycoming Model: TIO-540-AF1B  Drained oil and inspected filter for metal. Installed new oil filter P/n CH48110 and serviced engine with 10 Qts  Aeroshell 15W-50. Ran engine and checked for leaks.  Houston Aviation Center, LLC  Sugar Land Regional Airport  12888 Hwy. 6 South  Sugar Land, TX 77478  Date:06/18/2004 Hr. Meter: 997.9 TT:997.9 SMOH:N/A  Engine S/N: L-9459-61A  Textron/Lycoming Model: TIO-540-AF1B  Removed this engine from Mooney Model: M20M, S/n 27-0168 this date due propeller strike. This engine was sent to Custom Airmotive, Inc. of Tulsa, Oklahoma for teardown inspection and repair.  Houston Aviation Center, LLC.  Sugar Land Regional Airport			3.1.		Hr. Meter: 988.5		N9167.J	Mala
Aeroshell 15W-50. Ran engine and checked for leaks.  Houston Aviation Center, LLC Sugar Land Regional Airport  12888 Hwy. 6 South Sugar Land, TX 77478  Date:06/18/2004  Hr. Meter: 997.9  TT:997.9  SMOH:N/A  N9167J  Engine S/N: L-9459-61A  Textron/Lycoming Model: TIO-540-AF1B  Removed this engine from Mooney Model: M20M, S/n 27-0168 this date due propeller strike. This engine was sent to Custom Airmotive, Inc. of Tulsa, Oklahoma for teardown inspection and repair.  Houston Aviation Center, LLC.  Sugar Land Regional Airport				-540-AF1B		and the		
Sugar Land Regional Airport  12888 Hwy. 6 South Sugar Land, TX 77478  Date:06/18/2004 Hr. Meter: 997.9 TT:997.9 SMOH:N/A  Engine S/N: L-9459-61A  Textron/Lycoming Model: TIO-540-AF1B  Removed this engine from Mooney Model: M20M, S/n 27-0168 this date due propeller strike. This engine was sent to Custom Airmotive, Inc. of Tulsa, Oklahoma for teardown inspection and repair.  Houston Aviation Center, LLC.  Sugar Land Regional Airport					nstalled new oil filter P/n ( or leaks.	CH48110 and serviced e	engine with 10 Qts.	
Date:06/18/2004 Hr. Meter: 997.9 TT:997.9 SMOH:N/A N9167J Engine S/N: L-9459-61A Textron/Lycoming Model: TIO-540-AF1B Removed this engine from Mooney Model: M20M, S/n 27-0168 this date due propeller strike. This engine was sent to Custom Airmotive, Inc. of Tulsa, Oklahoma for teardown inspection and repair.  Houston Aviation Center, LLC. Sugar Land Regional Airport					1 1 12 14 14 W	7on.	17.7/m_	
Engine S/N: L-9459-61A  Textron/Lycoming Model: TIO-540-AF1B  Removed this engine from Mooney Model: M20M, S/n 27-0168 this date due propeller strike. This engine was sent to Custom Airmotive, Inc. of Tulsa, Oklahoma for teardown inspection and repair.  Houston Aviation Center, LLC.  Sugar Land Regional Airport	12888 H	wy. 6 South						
Custom Airmotive, Inc. of Tulsa, Oklahoma for teardown inspection and repair.  Houston Aviation Center, LLC.  Sugar Land Regional Airport  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Engine	S/N: L-9459	-61A		9 TT:997.9	SMOH:N/A	N9167J	
Sugar Land Regional Airport	Remove	ed this engine Airmotive, In	from Mod c. of Tulsa	oney Model: M a, Oklahoma fo	20M, S/n 27-0168 this date or teardown inspection and r	due propeller strike. The	is engine was sent to	
12888 Hwy 6 South Found E Hussein						7.	med 2. Home	
Sugar Land, TX 77478 A&P461558166							Fouad F. Hussain	

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/24/64			997.9	Lower box book was started this date following a major overhand @
			h	Custom Airmotive, Inc.  FAA REPAIR STATION #DC2R763K  AIRCRAFT ENGINE SERVICE 2702 N. SHERIDAN, BLDG. B  TULSA, OK 74115
			ju,	DC2R763K
Est				