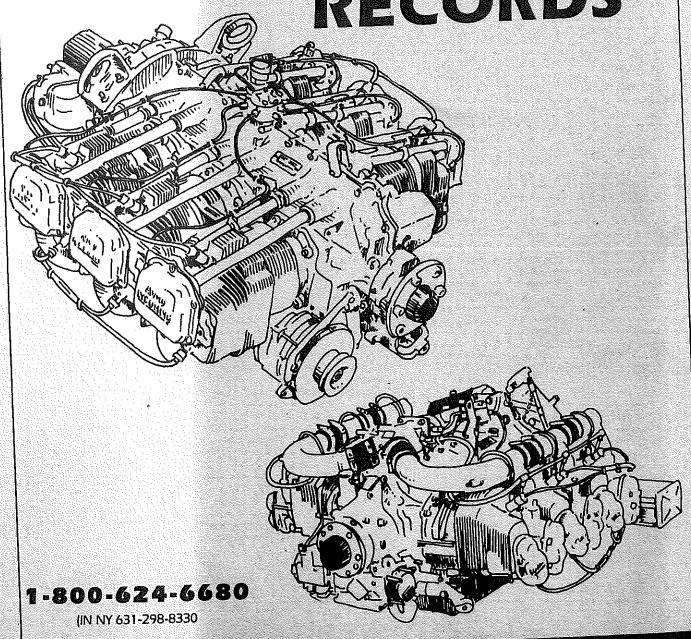
N100EM LEFT ENGINE LOGBOOK

ENGINE MAINTENANCE RECORDS



TELEDYNE MATTITUCK SERVICES, INC.

410 AIRWAY DRIVE, MATTITUCK, NY 11952

1000					Name and American Control of the Con	
	This is to certify that the limits by Teledyne Material Engine disassembled All steel parts magnafication with respect to the work description of these	tituck Services, inc. , cleaned, and insp uxed. All Applicable rk performed is airw	Tested per FAA ected in accord Airworthiness I orthy and appro	approved Process dance with manuf Directives are in cor oved for return to s	Specification 1012B. acturer's instructions.	
	JOB NO. <u>325</u>	21	DATED	25-SEP-0	フ <i>フ</i>	
	MFG. / / / / /					
Secretary of	Serial No. RL-					
	Cylinder Type NFVY	_		YNE MATTITUCK	·	
				FAA REPAIR STATION	#T10R507Y //	
Nerezzópe máss	TELED	We V	AIR	WAY DRIVE, MATTITU	gk Ny 1/1952	
im/beeth/mi				wellen !	Keisell	
			Authorized Signa	ture		
FC	DRM RS-37 REV.(OCT. 2006)					
-						
						200000000000000000000000000000000000000
	The accessories listed I Mattituck Services, In manufacturer's service the engine:	c. in accordance wit	h applicable dinstalled on	indicated in the statu	od below were <u>N</u> ew or <u>O</u> ves column and installed on these overhauled accessack of this logbook.	the engine

Item Part No. Serial No.

200F5004 KANO30FP/REVE FUEL PEMP 330762 MANL STARTER 2524500-9 74591 0 SERVO Ò HUSZ 835 ALU 8421RS ACT BL. C82910-13 GOTFADSR 0 MAG LGO134 0 LW12463 TURBO 0_ WASTEGATE LW12778 FEROIZY ٥ 470884.9010 EKO16220 CONT. 20034841 CONT.

TELEDYNE MATTITUCK SERVICES, INC. FAA REPAIR STATION T10R507Y

W.O. NO. 32521 DATE 25-SEP-0)

Authorized Signature

Replaced left and right engines prop control rod end boot, P/N 553-330

Sean Cermak A&P 2791027 IA

SEAN CLEMAN

Lycoming overhaul manu

,1E TI	TAL ME N VICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
10/2008	Gara	614		TOTALS brought forward from previous page)
MPCIED O	75(82)	AD Zoc	8-14-0	7 Ann 39-15602 FUEL (WITELTOR LINE INSAN	
6/11 4400	UMO	51342	E, NO	EFELTS OF MISSIAL CLAMPS NOTED . NEXT	
1 1 m	4718	M CUHE	IN MAIN	MENANCE IS PERFORMED WHICH MIGHT	
YSTURB I	45	wez in	VECTOR	UNES CONPUED WITH AD ZOOB-18-17	
Jan 39-1	5421	BY INS	PECTON	OF HOUSING GAP, NO MEASUREABLE GAD	
EV167 7	4115	2117 (4	W1246	3/5/N/ LGO134) 15 APPROVED FOR SERVICE.	
THE DISA	HARCO	FLANCE	WAS S	RUCKWITH AN "I" AS INDICATED IN SECTION ()	
ex 174 1.	D. C	MPLIED	usi PH	AD 2008-08-14 AMAI 39-15466 BY INSPECTION	
9K TUA SI	-RUB P	.u. 383	493 FOR	LOOSENESS 1/A/W(f) NO LOOSENESS WHS	
VOIED, A	15 PER	SECTIO	w(i)	NEXT INSPECTIONS DUE AT OIL CHANGE OF	
HM 66	8 WA	ICHEVER	OCUR	5 FIRST MAND C. ENTREKAN 24 4231(8879AFF	
			:	23 7 CAI OD 11141	
2/12/200	8 B	M 618	· · ·		()
MANED	ENGO	VE OIL	INSPEC	VED FICTER, NO METAL NOTED. SECURED	
MIDER	201 10	CL SOM	PLEOZ	WSTALLED A NEW AA98103 FICK & F	
200000	Som	D GUT	ASKS	WSO ENGINE OIL, INSPECTED DELICA	egy Gljus
Palla Sa	2-2-1/	NO M	ATERIAL	NOTED, CLEANED, CAPPED & LESTED PURO,	
BOTATED	A RE	ANSTALL	EDa A	EMSTALLED MACHETO 10-08=110 15 The	
100704	CD 1	NO CERTIFIE	B-A	IN BY WALLY AIRCRAFT ACCESSIBLES, INC.	
FAACRS	QYI	P334Y	map	5893/2243 DATED 12/11/2008. SET MAG TIMING	
70 80°3		CHASE	D ENG	WE CAREND FRAN & CEAR CAECUED, NO CON	
VOTED S	Mill	Dolle		AUDC. ENTREKON ASPGEREST9	
12/12/20	B K	14618		- Chic son down 24 Aran Ames Re	3
INSTAU	ED	DRY ALI	A Peunt	P/W/ 941CC-7 SWG1784 GHID BY HEROHUSSRE	0
GACRS	PQ 12	EGCE &	wy wo	61650 DATED AUG 8, 400, WHO 18	1
10 CAR	55 NE	1	Mila	Aller GAULD C. EVINER 1918	
-				SUB-TOTALS this page TOTALS—Carry forward to next page	
1			<u> </u>	TOTALO Sany .	

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINGE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPT SIGNATURE & CERTIFI	ION OF WORK PERFORMED— ICATE NO. OF PERSON PERFORMING WORK
	metal);serv Cleaned er CW AD or milk to sliv	viced with 11 on ngine and leak n firel lines and	its Aeroshell 1 ck ok. CW A 1 clamps and i aste gates.Eng	ved and inspected oil filter(no 15W-50 and 48103 oil filter. D on fuel servo, NA, and no defects no defects found. Applied mouse tine approved for RTS. END— OIA	s,
r r			Q AF	ERO JACKSON Q	· · · · · · · · · · · · · · · · · · ·
	Operation		No leaks noted,	Date 6-3-09 d p/n 2B6-64 s/n 5AR-25. Installed p/n Shelelon A. Bu	Hourmeter 686.5 2B6-64 s/n 1AJ-66.
		00EM eplaced fuel pun erational check (theldon A Burges	Lt, Eng.	JACKSON,MISSISSIPPI Date 6-12-09 1 200F-5004 s/n KAN030FP. Installed p	Hourmeter 686.5 p/n 200F-5004 s/n HKN027FP.
	N10 Oil filte (1)78 /8 12qts. A injector operation I certify INSPE	JACOBS DOEM LEFT: ENGINE TOT er inspected, 180 (2) 74/80 (Aeroshell 15) r nozzles. Clional check O	S AIRCRA 530 TERMIN ENGINE LOC AL TIME 29 no metal four (3) 76/80 (4) W50 oil. Rejeaned and ga K, no leaks to found to be	AFT COMPANY / JACKS NAL DRIVE 39209 / 601 948 1601 BBOOK ENTRY 7-20-09 HOUR 09.9 TOTAL TIME SINCE OVER IND. New oil filter installed. Che 176/80 (5) 78/80 (6) 76/80. Servelled Brackett Air Filter eleme apped spark plugs. Engine wash noted. een inspected in accordance with in airworthy condition.	METER 691.4 CHAUL 271.4 ecked compression: viced engine with ent. Cleaned fuel ned and ground run, h an ANNUAL
		1		SUB-TOTALS this page	

DATE	TOTAL TIME IN SERVICE	JACOBS AIRCRAFT COMPAN 531 TERMINAL DRIVE 39209	NY/ JACKSON, MS /601-948-1601	NG WORK
		N100EM 2-15-10 LEFT ENGINE LOGBOOK		
		Oil drained, Oil filter removed, cut open, and inspfilter installed. Serviced with 12qts. Aeroshell 1: leaks noted.	9 44 20 Ott. 12 25 25 25 25 25 25 25 25 25 25 25 25 25	
		David Townes Cox A&P 2679578		
		JACOBS AIRCRAFT COMPAN 530 TERMINAL DRIVE 39209	NY / JACKSON, MS. 0 / 601 948 1601	,
		N100EM LEFT ENGINE LOGBOOK ENTRY ENGINE TOTAL TIME 3012.9 ENGINE TOTAL TIME Oil filter inspected, no metal found. New oil filter	ME SINCE O/H 374.4	
		(1)76 /80 (2)78 /80 (3)76 /80 (4) 78/80 (5)/8 /80 12qts. Aeroshell 15W50 oil. Replaced Brackett A slip joints and waste gate valve. Cleaned and gag	Air Filter element. Lubed all exhaust oped spark plugs. Engine washed	
		and ground run, operational check OK, no leaks n I certify that this ENGINE has been inspected in a	otea.	
		INSPECTION and found to be in airworthy cond David Townes Cox IA 2679578	ition.	
		-y ·		
		JACOBS AIRCRAFT COMP 531 TERMINAL DRIVE 39	ANY/ JACKSON, MS 209 / 601-948-1601	
		N100EM 1-11-11 LEFT ENGINE LOGBOO	K ENTRY HOUR METER 839.3	
		Engine ground run. Oil drained, Oil filter remmetal found. New oil filter installed. Serviced Replaced 2ea. Clamps on turbocharger inlet he		no
		leaks noted. David Townes Cox		
		A&P 2679578		
		JACOBS AIRCRAFT COMI 530 TERMINAL DRIVE 39	PANY/ JACKSON, MS 9209 / 601-948-1601	
		N100EM LEFT ENGINE LOGBOOK ENTE	RY 7-12-11 HOUR METER 908.5	·
		Removed left eng instrument air pump, P/N 44 overhauled pump, P/N 441CC-7, S/N 15143-0	1CC-7, S/N 61784. Installed 8 overhauled by Aero Accessories.	
		Engine Ground run, operational and leak chec	k OK.	
		David Townes Cox A&P 2679578	Zon Cos	
		SUB-TOTALS this	page	
		TOTALS—Carry fo		

DATE	JACOBS AIRCRAFT COMPANY/ JACKSON, MS 531 TERMINAL DRIVE 39209 / 601-948-1601)RMED— PERFORMING WORK
	N100 EM 4-25-11 LEFT ENGINE LOGBOOK ENTRY HOUR METER 889.8	
	Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No metal found. New oil filter installed. Serviced with 12qts. Aeroshell 15W50 oil. Spark plugs cleaned, gapped, and tested. Tightened and saftied oil dipstick housing. Replaced breather tube elbow. Replaced air-oil separator gasket. Replaced cylinder oil drain tube hoses, 6ea. C/W AD 2008-14-07 by inspection of fuel injector lines and clamps per AD. Replaced throttle body plug gasket, installed P/N 2577258 gasket, torqued plug and saftied per AD 2009-02-03 (l). No further action required of this AD. Engine washed and ground run, no leaks noted.	
	AD. Engine washed and ground that David Townes Cox A&P 2679578	
	JACOBS AIRCRAFT COMPANY / JACKSON, MS. 530 TERMINAL DRIVE 39209 / 601 948 1601	
	N100EM LEFT ENGINE LOGBOOK ENTRY 9-8-11 HOUR METER 930.8 ENGINE TOTAL TIME 3149.3 ENGINE TOTAL TIME SINCE O/H 510.8 Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)77 /80 (2)76 /80 (3) 78/80 (4) 76/80 (5) 78/80 (6) 76/80. Serviced engine with 12qts. Aeroshell 15W50 oil. Replaced Brackett Air Filter element. All spark plugs 12qts. Aeroshell 15W50 oil. Replaced on #'s 2,4,&6 cylinders. Hydraulic replaced with new. Push rod tube seals replaced on #'s 2,4,&6 cylinders. Hydraulic filter replaced. Replaced TIT probe. Engine washed and ground run, operational check OK, no leaks noted.	
	I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.	
	David Townes Cox IA 2679578 David	-
	JACOBS AIRCRAFT COMPANY/ JACKSON, MS 531 TERMINAL DRIVE 39209 / 601-948-1601	
	NUMBER 11-8-11 LEFT ENGINE LOGBOOK ENTRY HOUR METER 978.3	
	Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No metal found. New oil filter installed. Serviced with 12qts. Aeroshell 15W50 oil. Engine washed and ground run, no leaks noted.	
	David Townes Cox A&P 2679578	
	JACOBS AIRCRAFT COMPANY/ JACKSON, MS 531 TERMINAL DRIVE 39209 / 601-948-1601	
additional to be	100EM 4-4-2012 LEFT ENGINE LOGBOOK ENTRY HOUR METER 1025.5	
L m C P	ngine ground run. Oil drained, Oil filter removed, cut open, and inspected. No netal found. New oil filter installed. Serviced with 12qts. Aeroshell 15W50 oil. WAD 2011-26-04 (h), Replaced instrument air pump. Installed O/H pump //NAA441CC-7, S/n 835607. Replaced inline instrument air filter. Engine washed and ground run, no leaks noted.	

And Ze Cap

David Townes Cox

Aniation since in An 1/ Jackson, MS ack lack Repaired A New Serviceab	Fax 1-405-2 Part HK PERFORMED F PERSON PERFORMING WORK
33 TERMINAL DRIVE 39209 / 601-948-1601	page
100EM 5-28-12 LEFT ENGINE LOGBOOK ENTRY HOUR METER 1052.8 NGINE TOTAL TIME IN SERVICE 3271.3 TOTAL SINCE OVERHAUL 632.8 Seplaced # 6 cylinder and piston. Installed overhauled steel cylinder from Gipson eplaced # 6 cylinder and piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets. Engine oil filter viation with new ring set, piston pin plugs, and new gaskets.	
JACOBS AIRCRAFT COMPANY/ JACKSON, MS 531 TERMINAL DRIVE 39209 / 601-948-1601	
ngine ground run. Oil drained, Oil filter removed, cut open, and inspected. No netal found. New oil filter installed. Serviced with 12qts. Aeroshell 15W50 oil. ngine washed and ground run, no leaks noted.	
&P 2679578	
JACOBS AIRCRAFT COMPANY / JACKSON, 530 TERMINAL DRIVE 39209 / 601 948 1601 N100EM LEFT ENGINE LOGBOOK ENTRY 10-4-2012 HOUR MI ENGINE TOTAL TIME 3327.9 ENGINE TOTAL TIME SINCE O ENGINE TOTAL TIME 3327.9 ENGINE TOTAL TIME SINCE O Oil filter inspected, no metal found. New oil filter installed. Checked (1)79 /80 (2)78 /80 (3) 78/80 (4) 78/80 (5) 74/80 (6) 78/80. Serviced (1)79 /80 (2)78 /80 oil. Replaced Brackett Air Filter element. Air 12qts. Aeroshell 15W50 oil. Replaced Brackett Air Filter element. Air cleaned and gapped. Tightened oil drain tube hoses. Hydraulic filter re washed and ground run, operational check OK, no leaks noted.	TER 1109.4 H 689.4 compression: engine with
I certify that this ENGINE has been inspected in accordance with an A INSPECTION and found to be in airworthy condition. David Townes Cox IA 2679578	NNUAL
SUB-TOTALS this page	
TOTALS—Carry forward to next page	

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
				TOTALS brought forward from previous page	
		:	N 100	EM 2-26-13 LEFT ENGINE LOGBOOK ENTRY HM 1141.8	
		1 1	Engine groun metal found.	d run. Oil drained, Oil filter removed, cut open, and inspected. No New oil filter installed. Serviced with 12qts. Aeroshell 15W50 oil. — ed and ground run, no leaks noted.	
			David Towns A&P 267957	es Cox Vail Zon Cap	-
				0EM 2-26-13 LEFT ENGINE LOGBOOK ENTRY HM 1162.6	
			manufactui	Ill rocker cover gaskets. In stalled 6ea. RG-71450 silicone gaskets per res instructions. Oil pressure raised per pilot instructions. Engine d ground run, no leaks noted.	
· · · · · · · · · · · · · · · · · · ·			David Tov	vnes Cox Dail Zon Cox	
			Δ RrD 7670	5 ⁷ 2	
	Madis	on Air Cente	er. 7450 Old	Canton Rd., Madison, MS, 39110 (601) 853-9358	
	(1) Cha	Left E Piper F ange oil, cut arts of 15W5 shed oil coo	ingine Main PA31-350 N topen filter: 50 Aeroshe bler and clea	avajo S/N: 31-8152196 Hobbs: 1170.1 and inspected for metal, non found. Serviced engine with 12 Il oil and 1 CH48103-1 champion oil filter. aned core.	
	(a) Da	alacad ail fil	for housing	gasket one each P/N: 06B23072. rs, cleaned surfaces and gaskets re-installed checked for	
	. lea	ks.	il return line		
	/G\ Pa	n anaina ins	enected for I	eaks none found. Brown and Richard G. Sheridan. END.	
	P.	A. X	hans	die .	
	R.G.S	heridan A&	P 3405349-		
	<u> </u>	•		A service of the serv	
	Madi	son Air Cen	ter, 7450 O	Id Canton Rd., Madison, MS, 39110 (601) 853-9358	
	1	Left En	gine Maint	enance Entry N100EM September 25, 2015 Navaio S/N: 31-8152196 Hobbs: 1197.3	
	R	احبية أمسيب	aa ail ayraab	viline and scavenge flex coupling. Capped scavenge line. bearings overnight with Berryman's Chem-tool solvent in order	ļ
	1' 1-	مطحيات التا	aribaa Dur	and circuit with air and himed illigo will libbi briging or	Ì
	- 11	مام صدياه منام صد	AT BYOCKLIFO	Deviaced ties cultum will a liew section of min, 1,0000 1,000	
	ar	nd installed necked no l	two new wo leaks were r	rm clamps. Reconnected supply line, ground ran and leak noted from the affected areas.	1
					•
	+ D	avid Entreki	in A&P 3398	3557 (MM/NSAMIAN	

DATE	TOTAL TIME IN	TOTAL TIME SINCE	
	SERVICE	OVERHAUL	N100EM LEFT ENGINE LOGBOOK ENTRY 11-1-13 HOUR METER 1206.6
			ENGINE TOTAL TIME 3425.1 ENGINE TOTAL TIME SINCE O/H 786.6 Oil filter inspected, no metal found. New oil filter installed. Checked compression:
			(1) 76/80 (2) 78/80 (3) 74/80 (4) 78/80 (5) 78/80 (6) 78/80. Serviced engine with
			12 ats Aeroshell 15W50 oil. Replaced Brackett Air Filter element. Replaced all
			spark plugs. Replaced absolute pressure controller gasket. Replaced oil cooler air duct. Engine washed and ground run, operational check OK, no leaks noted.
			· I
			I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.
			David Townes Cox IA 2679578 David Con
	1		- week
		Madison A	Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358
		L	_eft Engine Maintenance Entry N100EM November 20, 2013
		Pomov	Piper PA31-350 Navajo S/N: 31-8152196 Hobbs: 1213.0 red # 6 cylinder valve cover, rocker arm, and intake pushrod. Removed pushrod
		tube an	nd replaced top and bottom pushrod tube seals, P/N LW18661 . Reinstalled push
		rod tub	e. pushrod, rocker arm, and valve cover. Removed # 5 valve cover, cleaned
		gasket	reinstalled cover and re-torqued bolts. Ground ran engine. No leaks noted.
		()	C //Mr
		AP 356	s R. Hopper
,		7 (1 000	
	<u> </u>		5000.0
			N100EM AIRCRAFT LOGBOOK ENTRY 3-27-2014 HOUR METER 1233.3
			Removed and replaced left and right instrument air pumps. Installed Rapco
			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7. S/N 156935 on left engine. Replaced right and left inline instrument
			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters. P/N RA114-7, Replaced right and left air pump mount oil seals, P/N
			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted.
			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted.
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	,		Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted. David Townes Cox A&P 2679578 AERO JACKSON AERO JACKSON JACKSON,MISSISSIPPI
			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted. David Townes Cox A&P 2679578
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			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted. David Townes Cox A&P 2679578 AERO JACKSON JACKSON,MISSISSIPPI N100EM Lt. Eng. Date 10-17-2014 Hourmeter 1269.7 Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12qt.
	,		Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted. David Townes Cox A&P 2679578 AERO JACKSON JACKSON,MISSISSIPPI N100EM Lt. Eng. Date 10-17-2014 Hourmeter 1269.7 Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12qt.
			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted. David Townes Cox A&P 2679578 AERO JACKSON JACKSON,MISSISSIPPI N100EM Lt. Eng. Date 10-17-2014 Hourmeter 1269.7 Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12qt. Aeroshell 15W50 oil. Washed and grd. ran engine.
	,		Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted. David Townes Cox A&P 2679578 AERO JACKSON JACKSON,MISSISSIPPI N100EM Lt. Eng. Date 10-17-2014 Hourmeter 1269.7 Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12qt.
			Removed and replaced left and right instrument air pumps. Installed Rapco overhauled pump 442CW-6, S/N 157338 on right engine and Rapco Overhauled pump 441CC-7, S/N 156935 on left engine. Replaced right and left inline instrument air filters, P/N RA1J4-7. Replaced right and left air pump mount oil seals, P/N CR8748. Engines washed and ground run, operational check OK, no leaks noted. David Townes Cox A&P 2679578 AERO JACKSON JACKSON,MISSISSIPPI N100EM Lt. Eng. Date 10-17-2014 Hourmeter 1269.7 Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12qt.

DATE	N100EM LEFT ENGINE LOGBOOK ENTRY 12-15-2014 HOUR METER 1287.6 ENGINE TOTAL TIME 3506.1 ENGINE TOTAL TIME SINCE O/H 867.6 Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)78 /80 (2)76 /80 (3) 76/80 (4) 76/80 (5) 78/80 (6) 76/80. Serviced engine with 12qts. Aeroshell 15W50 oil. Propeller removed, overhauled by South Coast Propellers, and reinstalled. Replaced Brackett Air Filter element. All spark plugs cleaned and gapped. Hydraulic filter replaced. Engine washed and ground run, operational check OK, no leaks noted. I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.	ORMED— PERFORMING WORK
	David Townes Cox IA 2679578 Dim	
	→ Hawkins Jet Center → JACKSON,MISSISSIPPI	
	N100EM Engine Date 6-3-2015 Hourmeter 1315.0	
	Adjusted left fuel flow to within green arc limits. Reattached shower of sparks fitting to left magneto. Ops check and engine run up OK at this time.	
	Brian Goins AP3738075 Sun All Con	
<u></u> -	Brian Going Ars 756077	•
	N100EM LH ENG HOBBS 1336.5	1
	JPS 5410 OPERATIONS ROAD, MONROE, LA 71203 DATE <u>8-19-15</u> (318) 387-0222 Repair Station #3MIR878B	
	Drained oil removed and inspected oil filter. Installed new oil filter p/n CH48103-1 serviced with 12 Qts Aeroshell 20W50. Installed new oring on waste gate fittings. Washed ran. Operational check ok.	and land
	The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the FAA, manufacturers maintenance manual and is approved for return to service. JPS AVIATION , LCC, FAA APPROVED REPAIR STATION # 3MIR878B MONROE REGIONAL AIRDORT, MONROE, LOUISIANA	
7	SIGNED WO# 13950 WO# 13950	
4	SIGNLY - 1	ا ا بور
		:
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	49	
	N100EM LEFT ENGINE LOGBOOK ENTRY 3-7-2016 HOUR METER 1376.7 ENGINE TOTAL TIME 3595.2 ENGINE TOTAL TIME SINCE O/H 956.7 Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)76/80 (2)76/80 (3) 76/80 (4) 74/80 (5) 74/80 (6) 78/80. Serviced engine with 11qts. Phillips 20W50 oil. Repaired broken ground strap on alternator. Repaired engine baffling as needed. Replaced Brackett Air Filter element. All spark plugs cleaned and gapped. Hydraulic filter replaced. Engine washed and ground run, operational check OK, no leaks noted.	
	I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.	Street Co.

age No	→	HAWKINS J	ET CENTER	>	PERFORMED—	IN/OPI/
DAT.	MINORNÍ I	Lt. Eng. Da	ite 10-24-2016	Hourmeter 1421.5	RSON PERFORMING	WOHN
	Changed oil and filte Phillips 20W50 X/C	er. Cut old filter open an Coil. Washed and grd. r M	d inspected, No metal found an engine. No leaks noted.	d. Serviced engine with 12 qu		
	Sheldon A Burges	,		•		
	N100EM Reinstalled fuel inspected and re afternator belt to	Lt Engine servo Sn 74591 after re sinstalled with new o-rin ension.	wkins Jet Center Date 11-21-16 pair by D&G Supply. Remo gs. Replaced #5 cylinder fu	Hourmeter 1435.0		
		→ HAW	INS JET CEN	TER +		
	N100EM	LT Eng.	Date 11-28-2016	Hourmeter 1435.8		
	Syranged It and	rt fuel servos. s/n 82526 gess A&P 2159379	5 servo installed on It eng. L	eak and operational check O	К.	
		<u> </u>	<u> </u>			
			•	·		
	,	Oil filter insp (1)70 /80 (2)7 11qts, Phillip cleaned and g operational cl	NE TOTAL TIME 3672. ected, no metal found. 78 /80 (3) 78/80 (4) 74 s 20W50 oil. Replaced apped. Hydraulic filteneck OK, no leaks not the seck OK, no	1 Brackett Air Filter ele er replaced. Engine wa ed.	i. Checked compression: Serviced engine with ment. All spark plugs shed and ground run,	
	,	I certify that INSPECTION	this ENGINE has been N and found to be in a	inspected in accordance	ce with an ANNUAL	
		David Towns	es Cox IA 2679578	Dail 2		
		HAWKIN JACKS	S JET CENTER			
		Lt. Eng.	Date 11-10-2017	Hourmeter 1494.1		
	· file • X /4	er. Cut old filter open a C oil with CamGuard ac	nd inspected. No metal foun ditive. Grd. ran engine. No	d. Serviced engine with 12 q leaks noted.	it	
	31	138075. 252-7				
		Model: PA-31-350 SIN: 31-	CORPORA	ie.	Date: 09-Jan-2018 Hobbs: 3070.9	
		Reg. No.: N100EM	FLIGHT MANAGEM	Smyrna, TN 37167 615.534.4600		
	alen	ance Accomplished:		On the SIN HE	10314 Ref AMM 80-90 Ope checks - H-R092149 Ref AMM 8-00	
	MSR 02-R	Supplied the time. Ismoved R/H Statier P/N 149	NLR S/N FNR-090708 and Inala	led New Starter P/N 149-NLR S/N	H-R092149 KBI AWW 5-55	

ened: Cody Elliott

(1)' 11c plu I co	N100EM LEFT I ENGINE TO filter inspected, 72 /80 (2)72 /80 pts. Phillips 20W gs. Engine wash FINT CAP ertify that this EN SPECTION and evid Townes Cox	rAL TIME no metal (3) 74/80 50 oil. Re ted and gr ACUAP VGINE ha found to	found. New oil (4) 78/80 (5) 7 eplaced Bracket round run, opera ADDED as been inspecte be in airworthy	filter instal 6/80 (6) 74/ t Air Filter tional check	led. Check 80. Service element. R k OK, no l	ked con ced eng eplaced eaks no	npression: ine with l all spark ted.	ORME	ED— DRMING WORK	
· · · · · · · · · · · · · · · · · · ·	N100em	IACK Engine LT	NS JET CI SON,MISSISSIPPI Date 8-9-201 Igine and replaced v check and leak check	8 Tacl	15480	010T01.				
_	Joshua Speer P#3		ar N							
	Jositua Spect 1 #2						:			
I	I 1	1	ı		-				•	
		1. App	roving Civil Aviation thority / Country	2 AUTH	ORIZED R	ELEASE WORTH	CERTIFICA	TE OVAL TAC	3 Form Trackin	
		,	INITED STATES	FAA I OINM	5 7 00 O. 1 III v					
			anization/Name and	Address YV4R	688M FAA-F	MA PQ12	:06CE 5.	Work Order	/ Contract / Invoice N	umber
		Aero Acc	essories, Inc. 1240 Spr	ingwood Church	Road, Gibsonvill	e, NC 2724	9		101OT-0000	
	-	6. Item	7, Description		8. Part		9. Quantity	10. Serial		is / Work
		1	Dry Air Pump		441CC		1/34高		202 6 1000 Pey B (lated
		05/23/200	Dry Air Pump ks Overhauled in A 6CERTIFIES THAT THE ESPECT TO THAT WO ROVAL NUMBER EASA	RK THE COMPO	ITH THE FOLL IED IN BLOCK VENT IS CONSI	OWING FAA 11/12 WAS DERED RE	CARRIED OUT ADY FOR RELEA	IN ACCORDA ASE TO SER	NCE WITH EASA PA VICE UNDER EASA F	RT 145 PART
		145 ACTT		14a	X .	4 CFR 43	3.9 Return To S	Service		
				•	×	Other Rec	gulation Specifi	ed in Block	12	
				Certifies that unl	ess otherwise sp	ecified in b	lock 12, then wo	k identified in	block 11 and of Federal	
				described in bloo Regulations, par	t 43 and in resp	ect to that w	ork, the items are	e approved fo	r return to service.	1-
				14b Authorize	d Signature	1.00	W Chillips	14c.	Approval/Certificate I	v O,
('				Add Name (7	yped or Printed)		14e	YV4R688M Date (dd/mmrvyyyy)	ß
					yped of 1 filled V. Phillips	'			23/Apr/2018	
) }				User / In	staller Resp	onsibilities			etadicia
	N100EM	country	ortant to understand that the ne user/installer performs w specified in Block1, it is ess orthiness authority of the co ints in Blocks 13a and 14a is	ential that the user/l ountry specified int B	nstaller ensures U lock 1.	at his/her ain	vorthiness authority s elecceft maintenan	accepts agerat	t chighto(c), properties	
	Changed 10 hrs. fil	. Issued li	accordance with the hallo	nat regulations by ti	ne user/Installer be	efore the aircr	ак пау пе номп.		NSN 0052-00-012	
1	Joshua S	FAA	FORM 8130-3 (2-14)			-	سود د ب			
	ι	1	. 1							
	+	HA	WKINS JE		TER	>		_		
	N100EM	Lt eng.	Date 11-21			Hour	meter 1574.6			
	o . outon ond	ed, p/n 3E2 :OK, No lea	Installed new filter. 011-2. Reinstalled paks noted. 59379	New alternate prop per maint Clon A	enance manu	ai. Groun	9773-382. On d ran engine.	e prop		

N100EM LEFT ENGINE LOGBOOK ENTRY 5-16-2018 HOUR METER 1528.6 ENGINE TOTAL TIME 3747.3 ENGINE TOTAL TIME SINCE O/H 1108.6 Oil filter inspected, no metal found. New oil filter installed. Checked compression:	ORMED— PERFORMING WORK
11qts. Phillips 20W50 oil. Replaced Brackett Air Filter element. Replaced all spark	
Pike CAnGUAGO A COO	
I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.	
and round to be in airwormy condition.	
David Townes Cox IA 2679578	
	-
HAWKINS JET CENTER +	
N100em Engine LT Date 8-9-2018 Tach. 1548.0	
Removed air pump on left engine and replaced with new P/N 441CC-7 S/N 010T01. Ground ran with operational check and leak check ok.	
Joshua Speer P#3952535	
	:
	· ;
	· .
A	· ·
→ HAWKINS JET CENTER →	
JACKSON,MISSISSIPPI	1
N100EM Engine It Date 10-10-18 Tach. 1561.5 Changed oil and filter. Inspected oil filter and found 2 flakes of aluminum. Reinspect in 10 hrs. filled with 12 qts of phillips XC 20W-50. Ground on with	
10 hrs. filled with 12 qts of phillips XC 20W-50. Ground ran with no leaks noted at this time.	
I pint Compused AD	0e0
HAWKINS JET CENTER +	
V100EM Lt eng. Date 11-21-2018 Hourmeter 1574.6	
out filter open and inspected. Installed new filter. New alternator belt installed. 37A19773-382. One properational check OK. No leaks noted.	

ſ	- * -						and the second	
TOTAL TIME IN SERVICE	418 Airport R	63857	inc.	Make: Model: Date: Tach Time:	Lycoming TIÒ-540 06/10/2019 1601.2	WORK		
	www.jewella	viation.com				·		
	it to be in serviceable	serviceable exhaust va ed cylinder	condition. alve. Grour after assen installation	Replaced exhand seats and honders, no leaks	ceted cylinder and formust guide, and instance cylinder barre found. This cylinder	alled el. , ————		
		, Annual 1990					-	Ĺ
	Oil filter insp (1) */80 (2)7 by Jewell Av set, and new Brackett Air	NE TOTAL TIPE bected, no met 5 /80 (3) 74/8 iation Inc. see gaskets. Servi	ME 3819.9 EN al found. Nev 0 (4) 76/80 (5 preceding log ced engine with Cleaned and	GINE TOTAL TIM v oil filter installed) 75/80 (6) 74/80. g entry. Cyl reinsta th 11qts. Phillips 2 gapped spark plug	HOUR METER 1601.2 E SINCE O/H 1181.2 I. Checked compression * #1 cylinder was repailed with new piston, rincow50 oil. Replaced gs. Engine washed and D 1 PINT CAME	red ng		•
-	I certify that	this ENGINE	has been insp		e with an ANNUAL			
	INSPECTIO	N and found	to be in airwo	rthy condition.	-1007/c2807			New York Control of the Control of t
**************************************	David Towns	es Cox IA 26	79578	in Zen	Corp	.**		
			SON,MISSISSIPPI		1187.9 SMOH			
	N100EM	Lt Eng. Date	1-16-2020	Hourmeter 1607.	9			
	Phillips 20W50 X/0	Coil and one can	of Cam Guard. V	d. No metal found, Ser Vashed and grd. ran en CBungen	viced engine with 11 qt. gine. No leaks noted.			
-								
	ENGIN	E TOTAL TIM	E 3833.4 ENG	INE TOTAL TIME				
	(1) 76/80 (2)74 11qts. Phillips	l /80 (3) 70/80 20W50 oil. A	(4) 74/80 (5) dded 1 pint C	76/80 (6) 66/80. amguard. Magneto	Checked compression: Serviced engine with o overhauled by RLB			
	spark plugs. E	o 20256. Kep ngine washed	and ground ru	in, operational che	t. Cleaned and gapped ck OK, no leaks noted.	: I 		
	INSPECTION	and found to	be in airworth	eted in accordance ny condition.	with an ANNUAL			
	David Townes	Cox IA 2679	578 Wa	A Com		•		
			SUB-TOTAL	S this page				
	,		TOTALSC	arry forward to nex	t page			

DATE	TOTAL TOTAL TACH OR RECORDING METER SERVICE OVERHAUL TIME	DESCRIF SIGNATURE & CERT	PTION OF WORK PERFORMS IFICATE NO. OF PERSON PERF	ED ORMING WORK
		TOTALS brought forward fro	om previous page	
	7-15-2020 HM	1614.7	() / \ \\	<u> </u>
	Replace 2 Magnet Magneto Overhaul	to Capicators.	ReplAced Wi	rh
	MAGNETO OVO.	A & P 26793	78	
		INS JET CENTER	>	
	N100EM Lt eng	Date 3-22-2021	Hourmeter 1636.6	FORM 8130s IN REAR OF THIS BOOK
	Replaced It turbo charger with overhau 6-727341-3, 6-727341-5 and 6-72734 oylinder replaced with overhauled cylinder replaced with overhauled	:		THIS BOOK
	cylinder replaced with overhauled cylinder Sheldon A Burgess A&P 2159379	Shellion a surge,		
,	→ HAWK	INS JET CENTER JACKSON,MISSISSIPPI	+	
~.	N100EM Date3-26- Changed oil and filter. Insp 11 Ots of phillips xc 20W-5	21 Engine LT Hobbs 1 ected old filter with no metal found a 50 and one bottle of cam Guard. Grou	t this time. Filled with	
	at this time. Joshua Speer A&P 395253		· ·	
	├ → HAV	VKINS JET CENTE	R →	
	N100EM	Date 4-26-2021	Hourmeter 1646.0	
	Replaced it eng CHT probe. Inst Sheldon A Burgess A&P 21593	alled p/n 453-751 s/n 52892 probe. O 179	perational check OK. BurgleW	
			ACTION 1640 3	
	ENGINE TOTAL TIME	LOGBOOK ENTRY 8-18-2021 ME 3868.0 ENGINE TOTAL TIN al found. New oil filter install	ed. Checked compression:	
	(1) 74/80 (2)74 /80 (3) 72/8 11 gts. Phillips 20W50 oil.	Replaced Brackett Air Filter e	lement. Cleaned and gappe	d d
	ground run, operational che	has been inspected in accorda		
	INSPECTION and found to David Townes Cox IA 26	to be in airworthy condition.		

	ተቷ ልዩሂንፕ/ፓሽ		ER →	'ORK PERFORMED— OF PERSON PERFORMING WORK
→		NS JET CENTI ckson_mississippi	CK 7	ı page
N100EM	Lt. Eng.	Date 7-11-2022	Hour meter 1664.5	
Philling 20W	150 X/C oil and one b	ter open and inspected. No nottle of Cam Guard. Wash 19 Shellon A	metal found. Serviced engine with 12 of ted and grd. ran engine. No leaks noted. Physical	η ί.
	•	, t		
>		JET CENTER MISSISSIPPI	→	
1100EM]	Lt. Engine Date 1	0-1-2022 TT 3886.1	TSO 1247.4 Hm 1667.4	
ne. Cleaned ar ounts replaced ne ea. 60Hrs o essure tested e	nd gapped spark plugs I. Cleaned and painted To Smooths, C/W AD	s. Fuel strainer cleaned. Re 1 engine mount as needed. 2015-19-07 Fuel injector li kett filter element replacec	(5) 73/80 (6) 72/80. Oil not changed at apaired baffles as needed. Engine shock C/W AD2013-10-04 Exhaust inspection ine inspection. Magneto timing checked p/n BA-7. Engine washed and ground	n. I.
ertify that this se in airworth eldon A Bur	s engine has been ins hy condition. gess A&P 2159379 I	pected in accordance with	an ANNUAL inspection and was determ Cluyful	nined
			•	
	· ·	HAWKINS JE	T CENTER +	
N10	JAC	KSON,MISSISSIPPI	·.	·
Chan Philli	JAC 0EM LF, Eng ged oil and filter. Cut ips 20W50 X/C and (Date 5-5-2023 Old filter open and inspect CamGuard additive. Grd. r	Hourmeter 1689.4 ted. No metal found. Serviced engine wan engine. No leaks noted.	rith 11 qt.
Chan Philli	JAC 0EM LF. Eng ged oil and filter. Cut	Date 5-5-2023 Old filter open and inspect CamGuard additive. Grd. r	Hourmeter 1689.4 ted. No metal found. Serviced engine w	rith 11 qt.
Chan Philli	JAC 0EM LF, Eng ged oil and filter. Cut ips 20W50 X/C and (Date 5-5-2023 Old filter open and inspect CamGuard additive. Grd. r	Hourmeter 1689.4 ted. No metal found. Serviced engine w	rith 11 qt.
Chan Philli	JAC DEM LF, Eng. ged oil and filter. Cut ips 20W50 X/C and (a Snazelle A&P 38410	Date 5-5-2023 Old filter open and inspect CamGuard additive. Grd. r	Hourmeter 1689.4 ted. No metal found. Serviced engine wan engine. No leaks noted.	rith 11 qt.
Chan Philli John	JAC DEM LF, Eng. ged oil and filter. Cut ips 20W50 X/C and 6 a Snazelle A&P 38416 HAWK J.	Date 5-5-2023 Old filter open and inspect CamGuard additive. Grd. r. 2033 INS JET CENTACKSON MISSISSIPPI	Hourmeter 1689.4 ted. No metal found. Serviced engine wan engine. No leaks noted.	
Change Philli John N1001 Compretime, Clooverhaul REF: H3	DEM LF. Eng. ged oil and filter. Cut ips 20W50 X/C and of a Snazelle A&P 38410 HAWK EM Lt. Engine ession check (1) 75/80 eaned and gapped spa led P/N RG9080J4A/ 50140-1. C/W AD201 ector line inspection. I	Date 5-5-2023 old filter open and inspect CamGuard additive. Grd. r. 2033 INS JET CENTACKSON, MISSISSIPPI Date 11-1-2023 TT O (2) 74/80 (3) 76/80 (4) ark plugs. Fuel strainer cleam, S/N D8877. Replaced a 3-10-04 Exhaust inspection Magneto timing checked. I	Hourmeter 1689.4 ted. No metal found. Serviced engine was engine. No leaks noted. TER	anged at this with IATION. 2015-19-07 tt filter