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AIRFRAME MAINTENANCE RECORDS

Registration No. N789UP
Serial No. 414A0495



AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N789UP

Model C-414A

Serial No. 414A 0495

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				SELL STOMMENT OF STREET
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1 - 100	A			St. Louis Downtown Airport Hangar 1
AIRFRA	ME ENTRY			Cahokia, IL 62206
N 789 UI		DATE: 117		A) (F)
S/N:414A		HOBBS: 201 ACTT:		
UNSCHI	1. Remove		g equipment l	tea Garmin MD, ali PN qui ett 8-601 and a Radar monitor Bendix PN IN2026A Max along with a Avidyne 605A TAS system. This equipment was installed using
	the folio 600-002 pitch pa previou space E configu perfore	owing installat 182-000 Rev 00 attern no chan isly approved a brawing 70G-3 aration system med installed e	ion manuals I). The Avionic ges where ma antenna locati (28F133 and a check out was equipment per	Flight Max PN 600-00175-000 Rev 07 and Avidyne TAS Installation Manual PN es panel was remade to accommodate this new installation using the factory screw de to the original instrument panel. The TAS upper antenna was installed using a son at FS 147.0 the lower antenna was installed in accordance with Georgian aero 8110-3 dated 18 October which is attached to the FAA 337 dated 11/29/13. A post is performed in accordance with the installation manuals and a flight test was formed satisfactory.
Wah				oft is approved for return to service.
Additio	nal details o	Othis work are	e on file unde	r Work Order = A1367 Ozark Air Services, Inc. CRS = OZ8R878H
SIC	GNED_	4		CAME AN SCIVICES, INC. CROT VIZINIANI
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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
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LOGBOO	Œ			Ozark St. Louis Downtown Airport Hangar 1 Cahokia, IL 62206
N 789UP S/N; 414A0 MODEL:	1495 TA	TE:11/29/13 CH:2013.9 CTT:		Air Services (F)
The second section is a second section of the section o	Serviced of Installed in Repaired of Breaker par Removed of and interior Ck'd calib required to Installed E jacks. Rein	DME for repa xygen to 1700 ew battery pa numerous pos- inel, installed fuel qty gauge floor board to or removed to ration of the o match test s loise head set istalled cockp	tek pn 811P. t lights on the pn 302 lamp PN 302-902-6 gain access to accomplish ti EGT system u et. powered rece it seats and in	pilot and co-pilot instrument panels and replaced 3 terminal nuts on the circuit on the rt hand fuel selector light. 1004 SN unk installed overhauled gauge PN 302-902-004 SN 0585 10 remove the fuel selector and replace fuel qty markings reinstalled floor boards here removal. 10 ising alcor test set 2000 egt/cht on the left and right systems adjusted as 10 ptacles on the left and right cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the factory head and 10 ptacles on the left and cockpit side panels near the left and cockpit sid
With res Addition	pect to the v	work perform	rt breaker pa led, this aircr on file unde	aft is approved for return to service. r Work Order: A&P
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DATE	TOTAL TIME W SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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				COMPANY C D C # A IVP125C ******
	*****	MUNCIE A	5 Upgraded	OMPANY C.R.S. # AJVR135C ****** Make: Cessna Ser. No.: 414A-0495
	GNS 51	software to	ersion 5.03	Model 414A Reg. Mark: N789UP The aircraft / component identified above was repaired and
	Crossfi	min SB 1317, Re I function checks	d good. All	inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and
	other si	GNS530W AFM	S to POH	is approved for return to service for work performed
				Pertinent details of the repair are on file at the Agency Work Order No / A001358; Oats 12-02-13
				Signed
	Aircraft	Hobbs: 2017 8 SE PLACE IN	AIRCRAFT I	MUNCIE, IN 47303-9778 (765) 289-7141 OGBOOK
	PLEA	SE PLACE III	All Cisci i	MAC
		1		
-				
	I certify it			I COMPANY C.R.S. # AJVR135C ************************************
	91.217, 9		3. Units were fo	und to comply with the limits set in FAR 43, Appendices E & F
	Altimeter	#1 Mg ARC.	P/N_	12540-6129S/N_9869
		#1 Mig A.R.C.		5934PA-1 S/N T4556 EA-401A S/N 0869
-		#2 Mfg Shadir Mfg Garmin		8800Y S/N T8435 GTX 330 S/N 84109929
	Trans #2	Mfg Garmin	n Model	GTX 327 S/N 53715408
		the inspection a 2-02-13 Sign		C.R.S. under W.O. Na A001358
		ED REPAIR STA	And the second	MUNCIE, INDIANA 47303-9778
		E PLACE IN		
1		1	E.	
6/10/19	HM	2048.4	C/4	A.D. 2000-01-16, 2/15/2000, by inspecting
The LT	and I	T. chs	ine e	KHALIT IAW PART (6) - NEXT due of 2098.4
	1 cent	ify that this wor	described abo	we has been inspected and is determined to be in an airworthy condition with respect
	mub	Hubbs 2 3 4	5.4 Sign	ed
	FAA	Approved Repa	ir Station # 850	Central Illinois Regional Airport, Bloomington, II. 61704 IR199C MR-1
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CHISTOMED	. 111	The second secon	ALTIMETER SCALE ERROR					
COSTONER	· Mile	CUSTOMER: Haleman Aviation						
N# 78	que		DATE: 12	102/201	3			
ALTIMETER	TYPE: AR	C 9N 4:	2540-6129	3 5/N 98	69			
Test Point	ndicated	Test Point	Indicated	Test Point	Indicated			
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Page No TACH OR TOTAL DESCRIPTION OF WORK PERFORMED-TIME RECORDING TIME SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK DATE SINCE METER **UN** TIME SERVICE OVERHAUL Ideal Aviation LOGBOOK ENTRY AIRFRAME DATE: 1 October 2014 N789UP TACH: 2068.3 (Hobbs) S/N: 414A 0495 ACTT: 8346.9 Model: 414A SCHEDULED MAINTENANCE Performed an Annual inspection IAW Cessna Service Manual & FAR 43 appendix D. Cleaned left and right fuel gascolator screens Replaced prop heat circuit breaker switch PN W31X2M1G20. 3. Replaced 2 bulbs (P/N GF 327) in annunciator panel & repaired wire at R/H voltage monitor control box. 40 Replaced both right and left cowl flap ball joints P/N: SL 104-1 and checked rigging. 5. Replaced a section of the upper deck air supply flexible hose as needed with Aeroquip: 306-150 material. Replaced O-ring in left turbocharger wastegate actuator oil return line 8. Replaced plastic sleeve PN M7444-5/16 on both left and right propeller deice boot wiring harness. Safetied Left engine over-boost control valve using .032 locking wire. 10. Removed Right Engine oil cooler P/N: 636900; S/N: 31552 and sent to Aircraft Accessories for overhaul (see W.O. Z4UR2220). Reinstalled same oil cooler P/N: 636900; S/N: 31552. Leak check is satisfactory. 11. Replaced R/H engine magneto pressurization filter element PN 1396-2 12. Checked both L/H and R/H propeller heat brush blocks for brush serviceability and proper rigging. 13. Repaired baffle scal on both engines as needed 14. Re-routed and secured right engine alternator wires and noise filter. 15. Removed rudder trim actuator. Disassembled to extent necessary to allow turning forward bearing around to take up slack in actuator resulting in correct tolerance. Reassembled with new spring pins, reinstalled in aircraft and rigged per Cessna 414A 16. Removed and replaced L/H and R/H MLG brake disks PN APS 164-20306 and installed new linings P/N: 066-06600 16 ea. and rivets (3ca) PN APS 177-01600 as needed. Cleaned & greased all wheel bearings. Replaced R/H MLG tire with a Goodyear Flight Custom III PN 301-043-006 and serviced both main tire pressures to 70 PSI. Serviced nose tire pressure to 35 PSI. 17. Replaced RH nose year door seal PN S1058-1. 18. Installed new lump PN GE-304 and reinstalled light fixture in forward baggage compartment 19. Secured wiring and connectors as needed under the forward baggage floor. 20. Complied with FAR 91.207 (d) 1-4 ELT functional check. No defects noted. Compliance again due at next annual. Battery change due Aug. 2015. 21. Repaired lower entry door aft lock indicator tab: 22. Removed and replaced forward baggage door lock P/N: 5200040-2. 23 Inspected O2 bottle installation. Next hydrostatic inspection is due July 2018. 24. Inspected L/H fuel gauge wiring and fuel conditioner box for broken or poor connections. 25. Cleaned corrosion from tail nav lamp socket and ground connection. Complied with AD 2000-01-16 exhaust system inspection part C. No defects noted. Next compliance due: 10/2015. 27 Complied with AD 2004-25-16R1 fuel regulator shutoff valve for leaks. No defects noted. Next compliance due in 100 hours or 10/2015. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition and is approved for return to service Additional details of this work are on file under Work Order = 3009. Norman Walters SIGNED 11/7/14 Date 2976.7 Hourmeter (1) Removed RH turbocharger PN 407810-9001, SN CKN00197. (2) Installed overhauled/exchange turbocharger PN 407810-9001, SN ZL018835 as received from RAM Aircraft, Limited Partnership, Waco, TX. See maintenance release (3) Completed ground rus, turbocharger ops checked normal, no leaks noted.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINGE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Insta chari Lent	7/2018Hobbs illed new taxi ger Performe tify that this v	d all maintena work described ed. Pertinent	above has been details are on file	V Cessna 414A Maintenance manual. Inspected and is determined to be in an airworthy condition with respect to at this agency under W.O.# R7822 Date 12/17/2014
- HODE	RGY FLIGHT	ENTER LLC. C	entral Illinois Reg	gional Airport, Bloomington, IL. 61704
1/19. Remo	/2015 Hobbs oved Lt. engir	2092.8 Aircraf	t log entry for N Generator PN/ 2 s checked Lt. tac	789UP 2A667 SN/ 29556. Installed overhauled tachometer generator PN/ 22A667 SN/ h system. Performed all maintenance actions I.A.W Cessna 414A Maintenance
2196 mani	al with new build wify that this v	vork described	above has been details are on file	inspected and is determined to be in an airworthy condition with respect to. at this agency under W.O.# R7833 Date 01/19/2015
- Hobb	os, 2092.8 Si	gne	entral Illinois Re	gional Airport, Bloomington, IL. 61704 MR-1
SYNE — FAA	RGY FLIGHT Approved Repa	ir Station # 85G	R199C	MR-1
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