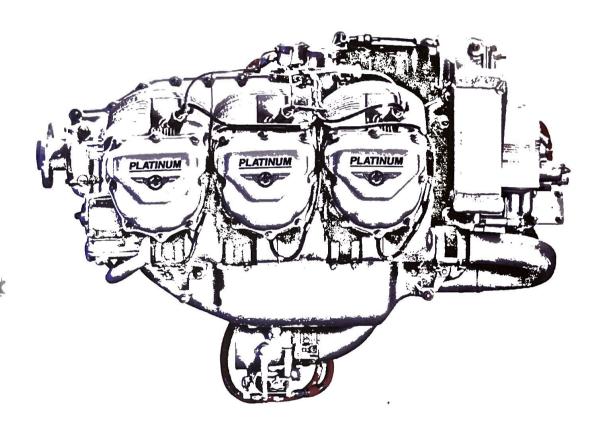
N483CD/ N185A

PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS



Date	To	tal Time	120000000000000000000000000000000000000	Since	Engine Service at	nd Maint	onanco D	ocord
	-	T		verhaul			tina Cassislia	ECOI U
	Hrs	. Min.	Hrs.	Min.	Modifications and Service Bull	orunness Direc etins	tives, Special Ins	spections,
	ENGINE MOD ENGINE S/N	ELIC 550	N ST	Cirrus [Design Factory Service Center		DATE 4/23/200	5
	PEG NO 483 WORK ORDE	CD	11-5	Repair Stati 4515 Taylor Duluth MN			A/C TSN 12 ENG T	
	3477-04-2005		C (8 8 0 5	Phone 218			HOBBS 12	1
	Engine E	ntries	inder #4 EGT s	ensor P/N 14	554-001 with new IAW MM 77-20 OP's check-g			
	was repaired/ details of repa	inspected in a in are on file a	ccordance with t this Certified f	current requir Repair Station	ving discrepancy forms. The aircraft, airframe a ements of the Federal Awation Administration and CRS YD5R855Y	rcraft engine, propeter is approved for return	or appliance identified to service. Pertinent	
	DATE: 4/23	/2005	SIGNED	STOVE	600051:06			
			Steve Goe Certified R	ssling Jepair Station N	lo YD5R855Y	Printed by El	k Order: 3477-04-2009 Bis 3 (datcomedia.com	5
EN	GINE MODEL	IC-550-N	A CONTRACTOR	Cirrus Des	sign Factory Service Center			
EN	GINE S/N 917 G NO 483CD			Repair Station f 1515 Taylor Cir	No YD5R855Y cle		DATE 4/24/2005 A/C TSN 25 3	
W	ORK ORDER 79-04-2005			Duluth, MN 558 Phone 218-78			ENG TT 13 2 HOBBS 25 3	
Er	ngine Entr	ies						
(1) nev	12-20 Drained wifitter, CDC P.	1 engine oil & /N 50857-001	removed filter and serviced e	Performed mag ngine with 8 Q	gnetic / particulate inspection on drain plug & fitte I's Phillips 20W-50 Mineral oil Run-up & leak dhe	r element- no abnormal	ities noted installed	
12-		77				or you work per	formed IAW MM	
l ha	ave reviewed this repaired/inspirate of repair at	ie file on this a lected in acco re on file at thi	aircraft and the rdance with cur s Certified Ren	accompanying rent requireme air Station CPS	discrepancy forms. The aircraft, airframe, aircrafts of the Federal Aviation Administration and is a SYDSR855Y	aft engine, propeller, or	appliance identified	
						101 140111 10 5	ervice Pertinent	
DA	ATE: 4/24/20	05	SIGNED: 5		31.7	Work O	rder: 3479-74-2005	
				ir Station No Y	D5R855Y	Printed by EBis :	3 (datcomedia.com)	
			10	<u> </u>	L			
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9		An	n KEI	Thees	wind New Ch	48108	120 MI	1
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		7	orts	EXXO	VELITE 20W-	70 1.2	- W 11 - 11	
		3	selant	Quer .	Adjulan	TOIS	UTXTURE +	
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	IONE HOSE	IO EEON	an County Au	Turin Citi-	e Aviation Inc		DATE: 700:000	
(27	NGINE MODEL 7) NGINE S/N: 93		TANTES	8891 Airport R			DATE: 7/28/2005 A/C TSN: 98:3 ENG TT: 98:3	
RE	ORK ORDER			Blaine, Minnes Phone: 763-78			HOBBS: 98 3	
	186-07-2005 ngine Entr	ies						
Pe	erformed a 100	hour inspecti	prained oil tool	sample remo	ance manual inspection schedule. Detailed inspoyed filter. Serviced with 8qts Exxon Elite 20W5	0 and CH48108 filter	Cleaned inspected	
ga	apped, tested,	rotated spark screpencies/ite	plugs Checke ems were addr	d magneto tim essedInspe	ing Inspected all hoses, wiring, lines, and acces cted, cleaned and reinstalled fuel nozzles. Next	sories Run-up and lea	ak check satisfactory	
су	linder fuel noz	zle with new F	P/N 652312-12	E		10		
Tr Av	ne aircraft, airfi viation Admini	rame, engine, stration and is	propeller, or ap approved for re	opliance above eturn to service	was repaired and / or inspected in accordance	with current regulation	s of the Federal	
D D	ATE: 7/28/20	005	SIGNED:	Sco	If D Welter	Work	Order: 1086-07-2005	
<u> </u>		2001 Ti		A&P- 4776829		special and special special specialist	3 (datcomedia.com)	-

Date Total Time Time Since
Last Overhaul
Hrs. Min. Hrs. Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brough



GRAND FORKS INTERNATIONAL AIRPORT 2467 AIR CARGO DRIVE • GRAND FORKS, ND 58203

Powerplant Logbook Insert

Date: 8/30/2005, Aircraft: 483CD, Type: CIRRUS DESIGN, S/N: 1401

Hobbs 137.1

Removed, cleaned, reinstalled #6 fuel nozzle and spark plugs. Ops check good.

Tom Kortisses A&P 2770589

ENGINE MODEL: IO-550N (27) ENGINE S/N: 937636 REG NO N483CD WORK ORDER:



Twin Cities Aviation, Inc.

8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165 DATE: 9/2/2005 A/C TSN: 139.3 ENG TT: 139.3 HOBBS: 139.3

Engine Entries

1153-09-2005

Drained oil, removed filter and installed new CH48108, Serviced with 7 qts Aeroshell 15w-50. Leak and operational check satisfactory.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 9/2/2005

SIGNED:

Jeff Iskierka, A&P: 470046442

A Day & Care

Work Order: 1153-09-2005

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10-550N

(27) ENGINE S/N: 937636 REG. NO: N483CD WORK ORDER: 1315-01-2006 Twin Cities Aviation, Inc.

8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165 DATE: 1/19/2006 A/C TSN: 176 ENG TT: 176

Engine Entries

Drain oil, took sample. Install new CH48108-1 filter, serviced engine with 8 quarts of Exxon Elite 20W-50 oil. Safety filter. Serviced brake res. and top off battery. Checked and serviced tires. Run-up and leak check satisfactory. end —Complied with Cirrus Service Bulletin SB 2X-61-02 R1 by inspection and torque of spinner bulkhead to 20 to 22 ft-lbs.—Complied with Cirrus Service Bulletin SB 2X-61-03 by inspection and torque of propeller hub nuts, 70 to 80 ft-lbs.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 1/19/2006

SIGNED

Jeff Iskierka, A&P: 470046442



Work Order: 1315-01-2006

Printed by EBis 3 (datcomedia.com)

Engine Entries Cov an annual regions melanciation INV Crims 501.2) Mail and IS ACIs received to price. Repeatations all Crims 501 et des Coverage and Text of Coverage and Text	ENGINE MODEL 10-550 (27) FINGINE SIN 937838 REG 10 1440CD WORK ORDER 1450-04-2006	Twin Cities Aviation, Inc. 8891 Airport Rd #A-2 Rtaine Minnesotta 55449 Phone 783-784-9165		DATE 5/2/2006 ACT SN 191 9 FNG TT 191 9 HOGGS 191 9
The accust, airfame, engine, propoletic, or applicance above was repaired and for inspected in accordance with current regulations of the Federal Avadors Administration and is approved for return to service. DATE: 5/2/2006 SIGNED. Work Order: 1450-04-2006 Printed by EBis 3 (datcomedia.com) Date: 7/27/2006, Aircraft: NM83CD), Type: SR22; S/N: 1401; Hobbs: 226.4; Total Time: 0.0 Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. Pat Harrington AP 2634950 Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 BY International Court of the Sample of the	Engine Entries C/W an annual engine in and sample taken. Serv. R&R induction art filter w 6880, #5 - 76/80 & #6 - 7 +/- 1 degree. Tested all it muffler assembly. No de was determined to be air.	If new BA-24 Cleaned, inspected, gapped 2780 TCM min for day 41/80 Borescope of grintion leads Operation found satisfactory fects noted Ground run, ops and leak check worthy with respect to work performed at this	of cylinders completed. External mag timing checked and filter time of cylinders completed. External mag timing checked and adjusted. Checked control travels and lubed rod ends. Visually inspected as it is at a certify that this powerplant has been inspected iaw an annual date and time. The following descrepancies:	red and safetied - 74/80, 84 - to 24 deg BTDC nd pressurized all inspection and
Date: 7/27/2006; Aircraft: N483CD; Type: SR22; S/N: 1401; Hobbs: 226.4; Total Time: 0.0 ""Engine Work" ID 1933 Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for ops and leak ck good. Pat Harrington A&P 2634950 Wisconsin Aviation - Watertown Macilson, Wi 53704 608-268-5003 "Wisconsin Aviation - Watertown Macilson, Wi 53704 608-268-5003 "Wisconsin Aviation - Watertown Macilson, Wi 53704 608-268-5003 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 "Wisconsin Aviation - Watertown 1741 River Drive Watertown, Wi 53094 920-261-4567 Work Order: 1810-11-2006 Engine Entries Daned oil, book oil sample, removed filter, prepared for freilum to service Work Order: 1810-11-2006 Printed by EBis 3 (datoomedia.com) DATE: 11/02007 Engine Entries Classification of Masson Work Order: 1810-11-2006 DATE: 11/02007 Signific Bio Namescale Aviation, Inc. DATE: 11/02007 Signific Bio Namescale Aviation and Jer inspected in accordance with current regulations of the Federal Avadon Administration and a approved for return to service. DATE: 11/02007 Signific Bio Namescale Aviation accordance with	To a side of the party of the p	nine propeller, or appliance above was repa	ared and / or inspected in accordance with current regulations of the	e Federal
Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for ops and leak ck good. Pat Harrington A&P 2634950 Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 ENGINE MODEL IO-550N CONTROLL IO-550N CONTROL IO-550N CONTROLL IO-550N CONTROL IO-550N CONTROL IO-550N CONTROL IO-550N CONTROL IO	DATE: 5/2/2006		Printed by EBis 3 (da	: 1450-04-2006 Itcomedia.com)
Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for gos and leak ck good. Pat Harrington ARP 2634950 Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 ENSINE MODEL IO-550N CONTROLL	_ 			
Changed oil and filter (CH48108-1), took sample, cut filter, no metal noted, serviced engine with 8 qts. 15W50 Aeroshell. Ground run for ops and leak ck good. Pat Harrington A&P 2634950 Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 ENGINE MODEL IO-550N CONTROLL IO-550N CONTROL IO-550N CONTROL IO-550N CONTROL IO-550N CONTROL IO-550N CONTROL IO-550N CONTROL IO-	Date: 7/27/2006; A	ircraft: N483CD; Type: SR22; S/	N: 1401; Hobbs: 226.4; Total Time; 0.0	
3606 Corben Court Madison, WI 53704 608-268-5003 ENGINE MODEL IO-550N CRAIN 57836 REG NO NO MASSCD WORK ORDER Draned oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, installed new CH48108-1 oil filter, torqued and safetied, serviced with 7 quarts Aeroshell 15W50, checked lights, battery electrolyte level, serviced with 0 quarts Aeroshell 15W50, checked lights, battery electrolyte level, serviced with current regulations of the Federal Aviation Administration and is approved for return to service ENGINE MODEL IO-550N CAMID A Vega, A&P 583185929 ENGINE MODEL IO-550N CAMID A Vega, A&P 58318592	Changed oil al 15W50 Aeroshell. Pat Harrington A&P 2634950	nd filter (CH48108-1), took sampl Ground run for ops and leak ck go AAP 263	e, cut filter, no metal noted, serviced engine with 8	
ENGINE SN 937636 Engine Entries Drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, installed new CH48108-1 oil filter, torqued and safetied, serviced with 7 quarts Aeroshell 15W50, checked lights, battery electrolyte level, serviced tires, ground run, leak check satisfactory The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. ENGINE MODEL IO-550N ENGINE SIN 937636 REG NO N483CD Work Order: 1810-11-2006 ENGINE SIN 937636 REG NO N483CD Work Order: 1810-11-2007 Engine Entries Cleaned, gapped and tested spark plugs, all test satisfactory. The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. DATE: 1/10/2007 SIGNED: Work Order: 1894-01-2007 Work Order: 1894-01-2007 Work Order: 1894-01-2007	- 3606 Corben Madison, WI	Court 53704	Watertown, WI 53004	atertown
Drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, installed new CH48108-1 oil filter, torqued and safetied, serviced with 7 quarts Aeroshell 15W50, checked lights, battery electrolyte level, serviced tires, ground run, leak check satisfactory. The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. DATE: 11/29/2006 SIGNED: Work Order: 1810-11-2006 Printed by EBis 3 (datcomedia.com) DATE: 1/10/2007 ACTISN: 2862 ENGINE S/N: 937636 REG NO NA83CD WORK ORDER Blaine, Minnesota 55449 Phone: 763-784-9165 Engine Entries Cleaned, gapped and tested spark plugs, all test satisfactory. Cleaned and tested ignition leads, tested satisfactory. Adjusted magneto timing to 22 degrees Run-up operational check satisfactory. The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. DATE: 1/10/2007 SIGNED: App. 55.7.19.7.2.5.8 Work Order: 1894-01-2007	(27) ENGINE S/N 937636 REG NO N483CD WORK ORDER	8891 Airport Rd #A-2 Blaine, Minnesota 55449	A	VC TSN: 281.2 ENG TT: 69.7
ENGINE MODEL: 10-550N (27) ENGINE SIN 937636 REG NO N483CD WORK ORDER 1894-01-2007 Engine Entries Cleaned, gapped and tested spark plugs, all test satisfactory. Cleaned, gapped and tested spark plugs, all test satisfactory. The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Avation Administration and is approved for return to service. DATE: 1/10/2007 Work Order: 1810-11-2006 Printed by EBis 3 (datcomedia.com) DATE: 1/10/2007 AVC TSN: 286 2 Ba91 Airport Rd #A-2 Ba91 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165 Phone: 763-784-9165 Work Order: 1894-01-2007 The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Avation Administration and is approved for return to service. DATE: 1/10/2007 SIGNED: Auf 557197258 Work Order: 1894-01-2007	Drained oil took oil sample.	removed filter, inspected filter, verified drain shell 15W50, checked lights, battery electro	closed/locked/safetied, installed new CH48108-1 oil filter, torqued lyte level, serviced tires, ground run, leak check satisfactory.	and safetied,
ENGINE MODEL: IO-550N (27) ENGINE S/N 937636 REG NO N483CD WORK ORDER. 1894-01-2007 Engine Entries Cleaned, gapped and tested spark plugs, all test satisfactory. Cleaned and tested ignition leads, tested satisfactory. Adjusted magneto timing to 22 degrees Run-up operational check satisfactory. The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. DATE: 1/10/2007 Work Order: 1894-01-2007 Work Order: 1894-01-2007 SIGNED: Work Order: 1894-01-2007	The aircraft, airframe, engine Aviation Administration and	e, propeller, or appliance above was repaired is approved for return to service	d and / or inspected in accordance with current regulations of the F	ederal
8891 Airport Rd #A-2 ENGINE S/N 937636 REG NO N483CD WORK ORDER. 1894-01-2007 Engine Entries Cleaned, gapped and tested spark plugs, all test satisfactory. Cleaned and tested ignition leads, tested satisfactory. Adjusted magneto timing to 22 degrees Run-up operational check satisfactory. The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. DATE: 1/10/2007 SIGNED: All 1557197258 Work Order: 1894-01-2007	DATE: 11/29/2006		Work Order: 1 Printed by EBis 3 (date	810-11-2006 omedia.com)
Engine Entries Cleaned, gapped and tested spark plugs, all test satisfactory. Cleaned and tested ignition leads, tested satisfactory. Adjusted magneto timing to 22 degrees. Run-up operational check satisfactory. The aircraft, airframe, engine, propeller, or appliance above was repaired, and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. DATE: 1/10/2007 SIGNED: All Call Applications A	(27) ENGINE S/N: 937636 REG NO N483CD WORK ORDER	8891 Airport Rd #A-2 Blaine, Minnesota 55449	A	/C TSN: 286.2 ENG TT: 74.7
DATE: 1/10/2007 SIGNED: And Signed for return to service. DATE: 1/10/2007 SIGNED: And Signed for return to service. Work Order: 1894-01-2007	Engine Entries Cleaned, gapped and tested	spark plugs, all test satisfactory. Cleaned an i check satisfactory.	d tested ignition leads, tested satisfactory. Adjusted magneto timil	ng to 22
	The aircraft, airframe, engine	s approved for return to service.	20	
		SIGNED: MANUEL I GOZ		
		SIGNED: ALLE / GA		

Total Time Time Since Date Last Overhaul Min. Hrs. Hrs. Brought Forward

Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Inspections, Service Bulletins

ENGINE MODEL 10-550N (27) ENGINE SAL 937838 RESENTE NO MARROLD WHICH ORDER 1804 01 2007



Twin Cities Aviation, Inc.

8891 Airport Rd #A-2 Blaine: Minnesota 55449 Phone 763-784-9165

DATE 1/11/2007 ACTSN 200 2 ENG TT HOBBS 288 2

Engine Entries

Tested fuel pressure system IAW SID97-3C, Tested satisfactory, Re-installed fuel control cap to swivel T fitting. Adjusted idle speed stop screw to previous setting before test. No leaks detected. Run-p operational test satisfactory.

The aircraft, airframe engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal

DATE: 1/11/2007

SIGNED



Work Order: 1894-01-2007

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL 10-550N ENGINE S/N 937636 REG NO N483CD WORK ORDER 2024-04-2007



Twin Cities Aviation, Inc.

8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone 763-784-9165

DATE: 4/13/2007 A/C TSN 302 2 ENG TT HOBBS: 302.2

Engine Entries

C/W a annual engine inspection IAW Cirrus SR 22 MM and IG AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Drained oil R&R induction air filter w/ new BA-24. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service checked and adjusted to 22 deg BTDC +/-1 degree. Tested all ignifion leads. Operation found satisfactory. Checked control travels and lubed rod engine. Drained oil Drained oil R&R induction air filter w/ new BA-24. Cleaned, inspected, gapped and tested spark plugs. Borescoped/leakdown tested cylinders IAW TCM service checked and adjusted to 22 deg BTDC +/-1 degree. Tested all ignifion leads. Operation found satisfactory. Checked control travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No defects noted. Ground run, ops and leak check satisfactory. I certify that this powerplant has been inspected IAW a annual inspection and was determined to be airworthy with respect to work performed at this date and time. The following ends. Visually inspected and pressured fromer assembly. No detects noted. Ground run, ups and leak check sausfactory. I certify that this powerp has been inspected IAW a annual inspection and was determined to be airworthy with respect to work performed at this date and time. The following descrepancies were addressed.—Cleaned fuel injectors and reinstalled I.A.W. 100/300 inspection requirements.

The aircraft, airframe, engine, propeller, or appliance above was repaired, and / or inspected in accordance with current regulations of the Federal

DATE: 4/13/2007

Jeff Iskierka, IA: 470046442

Work Order: 2024-04-2007

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: 10-550N (27) ENGINE S/N. 937636 REG NO: N483CD WORK ORDER: 2162-06-2007



Twin Cities Aviation, Inc.

8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone 763-784-9165

DATE: 6/25/2007 A/C TSN: 330 ENG TT: 330 HOBBS: 330

Engine Entries

Checked fuel control system IAW TCM SID 97-3C, removed fuel injection nozzles, cleaned fuel injection nozzles, removed and cleaned gascolator screen, flushed fuel lines, flushed fuel flow divider, re-installed cleaned fuel injectors, adjusted fuel injection system IAW TCM SID 97-3, ground run satisfactory

The aircraft, airframe, engine, propeller, or appliance above was repaired and for applications of the Federal Aviation Administration and is approved for return to service.

DATE: 6/25/2007

Work Order: 2162-06-2007

ENGINE MODEL: 10-550N (27) ENGINE S/N 937636 REG NO: N483CD WORK ORDER:



Twin Cities Aviation, Inc.

8891 Airport Rd #A-2 Blaine, Minnesota 55449 Phone: 763-784-9165 DATE: 3/13/2008 A/C TSN- 363 ENG TT: 369 AND HOBBS: 363 405.5

Complied with 50 hr inspection, drained oil, took oil sample, removed filter, inspected filter, verified drain closed/locked/safetied, serviced engine with 7qts Aeroshell 15W50 installed new CH48108-1 filter, torqued and safetied, checked lights, checked electrolyte level, serviced tires, ground run, ops check and

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service

DATE: 3/13/2008

SIGNED: MA David Posten, A&P 557197258 Work Order: 2542-03-2008

4

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ļ	Total Time	Time Since Last Overhaul	IIIStaliauotis, irishe	rvice and Maintenance actions, Airworthiness Directives, Special	Record
	Hrs. Min.	Hrs. Min.	Modifications and	Service Bulletins	Inspections,
ENGINE MOI (27) ENGINE S/N REG NO N4		Twin Cities A 8891 Airport Rd #A Blaine, Minnesota 5 Phone 763-784-91	i-2 55449	DATE 4/17/2008 A/C TSN 416 5 ENG TT 416 5	
WORK ORDI 2569-04-2008 Engine Er	8 ntrios	nce to P		HOBBS 416 5	
C/W a annua and sample to R&R induction bulletin SB03 and adjusted inspected and inspected IAV were address	al engine inspection IAW alken Serviced w/ 7 qts. in air filter w/ new BA-24 3-3, Compression #1 - 6 to 22 deg BTDC +/- 1 dd d pressunzed muffler as W a annual inspection aid sed	66/80, #2 - 66/80, #3 - 68/80 egree Tested all ignition lessembly. No defects noted individuals determined to be air laced right front and center.	a, #4 -66/80, #5 - 64/80, #6 68 eads Operation found satisfa Ground run, ops and leak ch worthy with respect to work p engine baffle IAW Cirrus Sen	searcheti all Cirrus SB's date. Cleaned engine. Drained oil d. Quick drain verified closed and filter torqued and safetied prescoped/leakdown tested cylinders IAW TCM service. (20. TCM min for day 46/80. External mag thing checked control travels and lubed rod ends. Visually leck satisfactory. I certify that this powerplant has been vice Bulletin, SB 2X-71-14 R1, Kit PN 70111-001.	
The aircraft, a Aviation Admi		signed:	repaired and/or inspected in	n accordance with current regulations of the Federal	
		Andrew Bougetz, IA 2656	245	Work Order: 2569-04-2008	
		I 1		Printed by EBis 3 (datcomedia.com)	
ENGINE MODE (27) ENGINE S/N 9 REG NO N483 WORK ORDER	137636 3CD	Twin Cities Av 8891 Airport Rd #A-2 Blaine, Minnesota 55- Phone: 763-784-9165	449	DATE: 5/30/2008 A/C TSN: 471 4 ENG TT. 471 4 HOBBS: 471 4	
2656-05-2008			*		
Engine Ent	50 brinspection draine	ed oil took oil sample remo	ved filter inspected filter verif	ied drain closed/locked/safetied, serviced engine with 7qts	
leak check satis	sfactory	-		electrolyte level, serviced tires, ground run, ops check and accordance with current regulations of the Federal	
Aviation Admini	isuation and is approve	ed for return to service.	ws Fund		
		Dennus Lentz, A&P: 219009	3	Work Order: 2656-05-2008 Printed by EBis 3 (datcomedia.com)	
				, and a factorited a control	
ENGINE MODE (27) ENGINE S/N: 9 REG NO N48: WORK ORDEF 2786-08-2008	937636 3CD Aviatio	Twin Cities Av 8891 Airport Rd #A-2 Blaine, Minnesota 55 Phone: 763-784-916	2.449	DATE: 8/29/2008 A/C TSN: 517.9 ENG TT: 329.6 HOBBS: 517.9	
Engine Ent	50 hr inspection, draine 50 installed new CH481	108-1 filter, torqued and safe th 500 hour inspection on LF	Hand RH magnetos IAW TCN	fied drain closed/locked/safetied, serviced engine with 7qts I electrolyte level, serviced tires, ground run, ops check and M Maintenance Manual, installed new Contacts, PN: Krt, PN:10-357586, Felts, PN:10-50752, Mounting Gaskets,	
leak check sati 10-382584, Ca PN 10-400613,	pacitors, PN:10-400615 Oil seal 10-357592, Oil RN Magneto SN DoSBA	slinger 10-51678	Magneto SN: Do5BA108	pection IAW TCM Mandatory Service Bulletin MSB645. ,Type S6RSC-25, PN:10-500556-1, Next inspection due ming to 22 degrees +/- 1 degree, ground run, ops checked	
leak check sati 10-382584, Ca PN 10-400613, X= 035 on l at Hobbs satisfactory.	pacitors, PN:10-400615 , Oil seal 10-357592, Oil RH Magneto SN Do5BA , time. AD 96-12-07 Sup	Slinger 10-51678	ed with AD 2005-12-06 by insi Magneto SN: Do5BA108 Re-installed magnetos, set ti	Type S6RSC-25, PN:10-500556-1 Next inspection due	
leak check sati 10-382584, Ca PN 10-400613, X= 035 on l at Hobbs satisfactory.	pacttors, PN:10-400615 Oil seal 10-357592, Oil RH Magneto SN Do5BA time AD 96-12-07 Sup inframe, engine, propeller instration and is approve	I slinger 10-51678 Complied A107 , X= 032 on LH IV bersered by AD 2005-12-06, or, or appliance above was read for return to sequence. SIGNED:	Magneto SN: Do5BA108 Re-installed magnetos, set ti	Type SGRSC-25, PN:10-500556-1, Next inspection due ming to 22 degrees +/- 1 degree, ground run, ops checked accordance with current regulations of the Federal Work Order: 2786-08-2008	
leak check sati 10-382584, Ca PN 10-40623 X = 035 on l at Hobbs satisfactory. The aircraft, air Aviation Admin	pacttors, PN:10-400615 Oil seal 10-357592, Oil RH Magneto SN Do5BA time AD 96-12-07 Sup inframe, engine, propeller instration and is approve	I slinger 10-51678 Complied A107 , X= 032 on LH II hersered by AD 2005-12-06, or, or appliance above was re- ted for return to service.	Magneto SN: Do5BA108 Re-installed magnetos, set ti	Type SGRSC-25, PN:10-500556-1, Next inspection due ming to 22 degrees +/- 1 degree, ground run, ops checked accordance with current regulations of the Federal	
leak check sati 10-382584, Ca PN 10-40623 X = 035 on l at Hobbs satisfactory. The aircraft, air Aviation Admin	pacttors, PN:10-400615 Oil seal 10-357592, Oil RH Magneto SN Do5BA time AD 96-12-07 Sup inframe, engine, propeller instration and is approve	I slinger 10-51678 Complied A107 , X= 032 on LH IV bersered by AD 2005-12-06, or, or appliance above was read for return to sequence. SIGNED:	Magneto SN: Do5BA108 Re-installed magnetos, set ti	Type SGRSC-25, PN:10-500556-1, Next inspection due ming to 22 degrees +/- 1 degree, ground run, ops checked accordance with current regulations of the Federal Work Order: 2786-08-2008	
leak check sati 10-382584, Ca PN 10-40623 X = 035 on l at Hobbs satisfactory. The aircraft, air Aviation Admin	pacttors, PN:10-400615 Oil seal 10-357592, Oil RH Magneto SN Do5BA time AD 96-12-07 Sup inframe, engine, propeller instration and is approve	I slinger 10-51678 Complied A107 , X= 032 on LH IV bersered by AD 2005-12-06, or, or appliance above was read for return to sequence. SIGNED:	Magneto SN: Do5BA108 Re-installed magnetos, set ti	Type SGRSC-25, PN:10-500556-1, Next inspection due ming to 22 degrees +/- 1 degree, ground run, ops checked accordance with current regulations of the Federal Work Order: 2786-08-2008	
leak check sati 10-382584, Ca PN 10-400613, X= .035 on l at Hobbs satisfactory. The aircraft, air Aviation Admin	pacttors, PN:10-400615 Oil seal 10-357592, Oil RH Magneto SN Do5BA time AD 96-12-07 Sup inframe, engine, propeller instration and is approve	I slinger 10-51678 Complied A107 , X= 032 on LH IV bersered by AD 2005-12-06, or, or appliance above was read for return to sequence. SIGNED:	Magneto SN: Do5BA108 Re-installed magnetos, set ti	Type SGRSC-25, PN:10-500556-1, Next inspection due ming to 22 degrees +/- 1 degree, ground run, ops checked accordance with current regulations of the Federal Work Order: 2786-08-2008	
leak check sati 10-382584, Ca PN 10-40623 X = 035 on l at Hobbs satisfactory. The aircraft, air Aviation Admin	pacttors, PN:10-400615 Oil seal 10-357592, Oil RH Magneto SN Do5BA time AD 96-12-07 Sup inframe, engine, propeller instration and is approve	I slinger 10-51678 Complied A107 , X= 032 on LH IV bersered by AD 2005-12-06, or, or appliance above was read for return to sequence. SIGNED:	Magneto SN: Do5BA108 Re-installed magnetos, set ti	Type SGRSC-25, PN:10-500556-1, Next inspection due ming to 22 degrees +/- 1 degree, ground run, ops checked accordance with current regulations of the Federal Work Order: 2786-08-2008	

		Tota	al Time		e Since	Engine Service and Maintenance Record
Date		1010		Last	Overhaul	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	-	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
		Піэ.	1	1	1	1 Woodingdions and the same
Brought F						DATE 4/28/2009
Bioogin	FNGINE	MODE	L 10-550N			AC TSN 5170
	(27)	CN 90	37636	8891 Airpi Blaine, Mi	ort Rd #A-2 nnesota 5544!	9 USA ENG TT. 517 9 HOBBS: 517 9
	REG NO	ORDER		Phone 76	3-784-9165	
	3043-04	-2009				
	Engin	1	enine inspe	ction IAW Cir	rus SR 22 MM	I and IG AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Drained oil 50 and a new CH48109-1 filter installed. Quick drain verified closed and filter torqued and safetied.
	and sam	ple take	ir filter w/ DE	ew BA-24 CI	eaned, inspec	ted, gapped and tested spark plugs. Borescope TCM min for day 46/80. External to the service
	R&R indi	SB03-3,	Compression 22	on: #1 - 68/8 dea BTDC +	0, #2 - 68/80, /- 1 degree T	ted, gapped and tested spark plugs. Borescopedraedown research cylinder's IAW TCM service #3 72/80, #4 70/80, #5 68/80, #6 72/80, TCM min for day 46/80. External mag timing ested all ignition leads. Operation found satisfactory. Checked control travels and lubed rod ends. No defects noted. Ground run, ops and leak check satisfactory. I certify that this powerplant has
	checked Visually	inspecte	ed and pres	surized muffl	er assembly.	rested all ignition leads. Operation round satisfactory. In cartify that are said funded rod ends. No defects noted. Ground run, ops and leak check satisfactory. I certify that this powerplant has immined to be airworthy with respect to work performed at this date and time. The following
	been ins	pected	vere addres	sed		
			-1-	- propollor	or appliance a	above was repaired and / or inspected in accordance with current regulations of the Federal
	Aviation.	Adminis	stration and	is approved	for return to se	
	DATE:	4/28/20	009		GNED:	Work Order: 3043-04-2009
	DATE			Jef	f Iskierka, IA:	Printed by EBis 3 (datcomedia.com)
	_ 1			-		
	+	-				
		-				
0/2/08	1	2	8.0-	TT		AND SERVICES WITH TOTS AS 15 W50
7/7/01	- 4	000	0.0	, ,		O al all a M Dans A
						AND JEROUTS WAY 1015 HS 15W50
						Bu VALLERS Or LAKE ALMO
	-					9 22 Mg 1000
						7-35-09
-1				VAI	TERS AV	IATION, INC., LAKE ELMO, MN 55042
. 11-20-2009			N4	483CD		HOBBS: 669.9
11 20 20						
• CHAN	CED OI	II SEI	VICED	WITH 70	TC AEDOS	HELL 15W-50 REPLACED OIL FILTER CH481109-1
						R DEBRIS. FOUND TO BE OK.
					OR ANAY	
	VE CLE ND WIF		AND TES	TED ALL	SPARKPLI	UGS, REPLACED ONE PLUG P/N: RHB32S. DUE TO CRACK FOUND ON
			NATOR	WITH OV	ERHAULE	D P/N: 646843 S/N: 005HYA620 AND OVERHAULED DRIVE COUPLING P/N.
646655	, INSTA	ALLEI	O BY QU	ALITY AI	RCRAFT A	CCESSORIES CRS: QYIR334Y
K	0				A&P 31620	006
JOSEPH SC	HUTLE					
	_	-				
	+	+				
		_				
	-	-				
	1	- 1	1	l .		

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Red	cora
			an worthings Directives Special Inspe	rtinns
	VAI	LTERS AVIATION.	INC., LAKE ELMO, MN 55042	
rouç	2010 N48	3CD HOB	BBS 687.9 ETT 687.9	
4-19	-2010			-
•	WILLIAM OF DOME WILL	ION COMPLETED THE 8 QTS AEROSHELL	15 W 3 U	1
_ :	CONTRACTOR OF THE PERSON OF TH	TER CHAMPION PA	N C 1140 107-1	
	OUT ODEN AND IN	SPECTED OIL FILTE O AND TESTED SPAR	CR NO CONTAMINATION FOLDED OF	S
:	COMPRESSIONS: 1) 70 2) 70 3) 72 4) 60 5	5) 67 6)70 MASTER ORFICE READING 42PG	
-	DEMOVELLAN AD	AD INSTALL VEL IIV	JECTOR NOZZLES WITH NEW SEALS INE CLAMP WITH NEW	+
- :	CHECK AND ADJU	IST FUEL PRESSURE	SETTINGS PER T.C.M. SID 97-3	-
:	UPDATED AD COM	MPLIANCE LISTING	THRU. THIS DATE	
- LCE	RTIFY THIS ENGIN	E HAS BEEN INSPEC	CTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS	
DET	ERMINED TO BE IN	AIRWORTHY CONI	DITION DITION AND WAS	t
	// //			+
	an to	2	6581991A	L
CAR	L ZIEGLER			
	 			Ī
			-	
		VAI	LTERS AVIATION, INC., LAKE ELMO, MN 55042	
	2-24-2010	N483CD	HOBBS: 725	
			TT:725	
	CHANGED OIL	SERVICED WITH 8 C	QTS AEROSHELL 15W-50 REPLACED OIL FILTER CH481109-1	
•	COLLINIX	CIED OIL HILLINI	ELATS FOR DEBRIS, FOUND TO REAL	
•	PULLED MAGN	ETIC PLUG INSPECT	T OK, REINTALLED AND SAFTIED.	
	tal by	AP26	58199	
	ARL ZIEGLER			
		1		
				_
		-	, , , , , , , , , , , , , , , , , , , ,	ī
	IE MODEL: IO-550N	Turin Cities	A Aviation Inc.	
(27)		8891 Airport Rd	s Aviation, Inc. DATE: 3/1/2011 ##A-2 AC TSN: 726	
REG. I		Blaine, Minneso Phone: 763-784	ota 55449 USA ENG TT: 726	
	2-2011			
Engi	ne Entries	- 1444 0:	UO AR	
C/W a	n Annual Engine Inspection formed previous complete	ed on 12/24/2010 Hobbs: 72	d IG. AD's researched to date. Researched all Cirrus SB's date. Cleaned engine. Oil change 25.0. Quick drain verified closed and safetied. R&R induction air filter w/ new BA-24.	
Class	100 #2 70/80 #4 54/80	#5 73/80 #6 70/80 TC	M min for day 42/90. Extend to 10 to 10 service bulletin SB03-3, Compression: #1 - 73/80	
#2 72	bly No defects noted Gro	ound run ops and leak ched	ck satisfactory. I certify that this PowerPlant has been been supplied and pressurized muffler	
#2 - 72 degree		triy with respect to work perf	TheCleaned re-crimned and added Stabiling 1944 to 5000 were addressed:—CW AD	
#2 - 72 degree assem and wa	04 Hydraulic Lifters DNA			
#2 - 72 degree assem and wa 10-11-	04, Hydraulic Lifters, DNA	on and tie wrays to ignition h	namess to prevent chafing on fuel injector lines.—Installed large area washers on 7 bolts for mright rear engine baffle, near right magneto, installed screw, lock nut and washers.	-
#2 - 72 degree assem and was 10-11- conduction The air	04, Hydraulic Lifters, DNA ctivity.—Installed spiral wra ler baffle to prevent wear.— craft, airframe, engine, pro	ap and tie wrays to ignition he-Removed sheared rivet fro	namess to prevent chaining on ruel injector lines.—Installed large area washers on 7 bolts for or right rear engine baffle, near right magneto, installed screw, lock nut and washers.	
#2 - 72 degree assem and was 10-11- conduction The air	04, Hydraulic Lifters, DNA ctivity.—Installed spiral wra ler baffle to prevent wear.— craft, airframe, engine, pro	ap and tie wrays to ignition h Removed sheared rivet fro		
#2 - 72 degree assem and wa 10-11- conduction oil coo	04, Hydraulic Lifters, DNA ctivity.—Installed spiral wra ler baffle to prevent wear.— craft, airframe, engine, pro	ap and tie wrays to ignition he-Removed sheared rivet fro	was repaired and / or inspected in accordance with current regulations of the Federal	
#2 - 72 degree assem and wa 10-11- conduction oil coo	D4, Hydraulic Lifters, DNA stivity.—Installed spiral wra ler baffle to prevent wear.— craft, airframe, engine, pro n Administration and is ap	ap and tie wrays to ignition hRemoved sheared rivet fro opeller, or appliance above v proved for return to service.	was repaired and / or inspected in accordance with current regulations of the Federal Work Order: 3880-02-2011	
#2 - 72 degree assem and wa 10-11- conduction oil coo	D4, Hydraulic Lifters, DNA stivity.—Installed spiral wra ler baffle to prevent wear.— craft, airframe, engine, pro n Administration and is ap	ap and tie wrays to ignition hRemoved sheared rivet fro opeller, or appliance above v oproved for return to service. SIGNED:	was repaired and / or inspected in accordance with current regulations of the Federal Work Order: 3880-02-2011	
#2 - 77 degree assem and wa 10-11- condu oil coo	D4, Hydraulic Lifters, DNA stivity.—Installed spiral wra ler baffle to prevent wear.— craft, airframe, engine, pro n Administration and is ap	ap and tie wrays to ignition hRemoved sheared rivet fro opeller, or appliance above v oproved for return to service. SIGNED:	was repaired and / or inspected in accordance with current regulations of the Federal Work Order: 3880-02-2011	
#2 - 72 degree assem and wa 10-11- conduction oil coo	D4, Hydraulic Lifters, DNA stivity.—Installed spiral wra ler baffle to prevent wear.— craft, airframe, engine, pro n Administration and is ap	ap and tie wrays to ignition hRemoved sheared rivet fro opeller, or appliance above v oproved for return to service. SIGNED:	was repaired and / or inspected in accordance with current regulations of the Federal Work Order: 3880-02-2011	

Twin Cities Aviation, Inc. DATE 3/23/2011 AC TSN 728 ENG TT 726 HOBBS: 728 (27) ENGINE S/N 937636 8891 Airport Rd #A-2 Blaine, Minnesota 55449 USA REG NO N483CD WORK ORDER Date Phone: 763-784-9165 3889-03-2011 **Engine Entries** Installed Tanis engine pre-heat system, P/N TAS100-12-76-DT, installed flush mount power plug, P/N:FMP-AS, and power indicator light, P/N:PLT, IAW Tanis Aircraft Products installation instructions. Ops checked satisfactory. Brought Fon The aircraft, airframe, engine, propeller, or appliance above was repaired, and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to sep Work Order: 3889-03-2011 DATE: 3/23/2011 SIGNED: Printed by EBis 3 (datcomedia.com) Andrew Bougetz, A&P: 2656245 8/16/11 HM: 788 N483CD Changed oil and filter. Added 7 quarts Shell 15w50 oil. Run up good. Gabe Soehren 3361780 oil + filter. Added Shell 15 m 50. HM 850.5 SOEHREN AP 3361780 New Ulm-Flight Service HM & TT: 890 5/2/12 Comp test: 76 54 76 68 70 72 Master orifice 44/80. Changed oil and filter. Added Shell 15w50 oil. No metal noted in filter. Cleaned plugs. Checked mag timing and fuel pressure. I certify that this engine was inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition. Ďan Soehren 476668220AI 948 HM

1	Total Time		e Since Overhaul	Lingine Service and Maintenance
	Hrs. Min.	Hrs.	Min.	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
B	Hrs. Min.	1110.		Modifications and Service Bulletins
Brought Forward				
	New Uli Flight S	m— iervic	e	
				LIM o -
	6/4/			HM & TT: 1008.1
	Comp test:	all ov	er 70/80	0 der due to erect.
	L'ANDE DEC	amniv	11/11 (1.30)	der due to cracks. Installed new 3178A1 and piston pin p/n SA630046
				mags for 500 hour inspection and Ops check good.
				1
	I certify that	this er	ngine wa	as inspected in accordance with an
	100 hour ins	spectio	ii and w	vas determined to be in airworthy
	Condition.			
			4	Dole She
			Gab	e Soehren 3361780A&P
	1 1	I		
10 12	HM 1020	9	(Changed oil + filter. Added Shill 15-50.
7-18-13	11/11/11	,	K	Run up good.
				GABE SOEHAGN AP 336 170
			1	7. 3361786
			- PMA	
1	ag certifies that Sky	18/	ias maninac	anieu new on analisma and
- 01	No. <u>4C5-291328</u> y-Tec under the aut	hority of F	AA-PMA No	o. PQ0852SW
- 0 -1	y-rec under the add lement No. <u>6</u> Approved Quality Sy	in acco	ordance with	1 3KV-16CS
	11- I- has been dote	rmined to	he airworth	NV
For in	stallation eligibility s er Installed on N	ee www	skytecair.c	con/eligibility.htm//
Starte	er Installed on N	(Aircraft)	<u>C (/</u> by /)	(Mechanic) 8220
	. ,			
	-6-13	Hn	1 /0	
Form		Ī	1	1
11-6-13 1-	14 1006			
	A mare	9 1	101	1/2 0 5+ 10
	After C	H	6	Sold uc AIN SPEC
	2/8	0	05/	OF CONTROL SPEC
		1 H	- 1-01	
	0/		E KCY	7800

Date	Tota	Time		Since verhaul	Engine Service and Maintenance Recor
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins
ought Forward		-			iviodifications and Service Bulletins
-14-14					T. 1/2 0
1 1 1					TACH 1/08
					Changed oil + filter. Added Shell 15 m 50
					Changed oil + filter. Added Shell 15 m SE Run up good GARE SOEHREN AP3361780
					GADE SOEHREN AP3361780
	. 111.				
- Nev	V UII	m_ jervi			
_ 1/2	,111 5	ervi	ce'		
		7/1/1			
Compt	ort: 70	7/1/1			HM & TT: 1137
timing	Incho	ctod a	70	78 76	78. Checked and cleaned plugs. Checked mag
		occu cy	Maust.	engina	mounts and bases Drained oil Removed filter cut
- 1111.61 10	unu no	meta	I. Adde	d Shell	15w50 oil. Ops & leak checked good.
1					
— and wa	s deter	rmined	ine has	been ir	nspected in accordance with an annual inspection
_	J GCTC	iiiiiieu	ro be I	n airwo	rthy condition.
					1de Soel
					Dan Soehren 476668220AI
- 23 15		11///	1/0		
L)-1)		He66.	1188		Changel oil + tilter Added Shall 18450
					Run up good.
					CLARE SUFHREN AP 33 61780
_					
- New	IIIn	2			
- New - Fligh	ht S	orvic			
1		CIVIC	-C		
		8/1/15			UNA 0. TT. 4005
Comp te			72 7	8 60	HM & TT: 1235
_					74. Changed oil and filter. Added Shell 15w50 oil. ected exhaust, engine mounts and hoses. Run up good.
-					erica exhaust, engine mounts and noses. Run up good.
- I certify t	that th	is engir	ne has b	een ins	pected in accordance with an annual inspection and was
_ determin	ned to	be in a	irworth	y condit	tion. 9 / //
-					
					Gabe Soehren 3361780A&P
		New L			· · ·
		riight	Servic	e'	
		1	1/11/1	5	HM: 1255
	- CI		3000		eplaced #4 injector. Ops checked good.
	-				Dale Mh
1				G	abe Soehren 3361780AP

	Date	Total	Time	Time Last O		Engine Service and Maintenance Record
2		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
1	Brought Forward		-			
r	11-24-15		HMI	260		Replaced all spark place DPS check and
1	1. 21 15		117.01			CANE SAEHREN AP 3361780
-						DAEHREN AP 336 1780
-	Ne	w Ulr	n- ervice			
-		7				HM: 1285
-		Change		/25/16 nd filbe	r. Adde	ed Shell 15w50 oil.
-		Change	eu on a		- / 100	300011.
-			D	an Soeh	ren 47	6668220AI
-		1	ī	Г		
	New Ulm					
	New Ulm Flight Se	rvic	e			
		3/12/16		. 74	70	HM & TT: 1324
	Comp test: 70	70	72 7	2 74	/U. (Changed oil and filter. Added Shell 15w50 oil.
60	Cleaned plugs.	Checke	ea mag	s. insp	ected 6	exhaust, engine mounts and hoses. Run up good.
	I cortifice that this	engin	e has l	been ins	pected	d in accordance with an annual inspection and was
	determined to b	e in ai	rworth	y condi	tion.	and the state of an arrival inspection and was
	determined to a			•		Labe Alm
					Gabe	Soehren 3361780A&P
Ī						
t						
ŀ	Jan 20-1	2		1370	H-	
ŀ	V	,	<u> </u>	ohan		pil thilts Aldes Stell 15 wso
ŀ			-	200	25	checked good
ŀ				01		
-			_			11- Soel 47666 grote
-						
	New Ul Flight S	m —				
	Flight	serv	ice,			
			0.10	/17		
		A 7A	9/6		76 7	HM & TT: 1402
	Comp test: 7		ان دا	70 paned r	70 /	4. Changed oil and filter. Cut filter -found no metal.
-	hoses. Replac					Checked mags. Inspected exhaust, engine mounts and
-	noses. Replac	JCU TH	intake	Pasket	itan u	P 8000.
+	I certify that	this en	gine h	as been	insped	cted in accordance with a 100 hour inspection and was
1	determined t					
)				•	~	Zu M
					Ga	be Soehren 3361780A&P
		1		1	1	

Date	Total	Time	1	Since verhaul	Engine Service and Maintenance Re	Co
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections and Service Bulletins	ections
Brought Forward		-				
	New Fligh	Ulm- nt Serv	rice		HM 1554 ? 88	
	Cl	5/9/			HM 1554	
	Chan	gea on	and mit	er. Ad	ded Shell 15w50 oil. Run up good.	
				Gab	e Soehren 3361780A&P	
ENGINE MOI ENGINE S/N REG NO N4 WORK ORDE	937636				Repair Station No. 5TCR105B DATE: 9/4/2018 8891 Airport Road A2 A/C TSN: 1465 4 Blaine, MN 55449 ENG TT: 1465 4 Phone 763-784-9165 HOBBS: 1465.4	
Engine E						
qts of AeroSh gapped and tr 68/80, #4 - 72 all ignition lea defects noted determined to replaced leak	ell 15w-50 ar ested spark p 2/80, #5 - 77/8 ds Operatio Ground run be airworthy ing crank sea	nd a new Te plugs. Bores BO, #6 - 71/ on found sal on, ops and lo with respe al with new l	empest AA4816 coped/leakdor 80. TCM min fillsfactory. Che eak check satis ct to work perfi P/N 641250. R	08-2 filter ins wn tested cylor day 46/80 cked control sfactory. I ce ormed at this le-installed p	AD's researched to date. Cleaned engine. Drained oil and sample taken. Serviced w/7 stalled Quick drain verified closed and filter torqued and safetied. Cleaned, inspected, iniders IAW TCM service bulletin SB03-3, Compression: #1 - 72/80, #2 - 62/80, #3 - External magneto timing checked and adjusted to 22 deg BTDC +/-1 d'-gree. Tested travels and lubed rod ends. Visually inspected and pressurized muffler assembly. No entity that this Powerplant has been inspected IAW an Annual Inspection and was a date and time. The following discrepancies were addressed.—Removed prop and rop and torqued nuts IAW AMM. Leak check satisfactory.—Removed leaking valve cover MMM. Leak check satisfactory	
The aircraft, a	airframe, engi	ne, propelle	er, or appliance	e above was	repaired and / or inspected in accordance with current regulations of the Federal Aviation	
DATE: 9/4/2			SIGNED:	R	Work Order: 8817-08-2018	
			Josh Shea Certified Repa	ir Station No	Printed by EBis 3 (datcomedia.com)	
4-19-19	1505	1			Changed oil + Liller w/ Shall	
					15 W 50 Emspected bilter	
					No metal JEFF BARBER	
					Pum - up and Jeff Darlet	
					OZARK AIRWORKS, INC.	7/1
		1			185 Taxiway Place Midway, Ar. 72651 870-481-5456	
Date: 5/29/2 Aircraft: Cirr Engine: Cont A/C: S/R: 14	us SR 22 inental IO	-550				
	: Oil char	s, draine	d oil, cut fi		ontaminants found. Serviced with 8 quarts of Phillips 20W/50 engine oil or discrepancies noted.	
This_airc	craft/engi x (d) and l	ne/com has beer	ponent, co	mplies w for returr	ith current FAA regulations in accordance with 14 CFR 91.409 and Part to service. Details regarding work accomplished are on file at this	
agency unde	er work o	rder No.	OZA- 3414	.	Les Ives, A/P 489486318 I/A	

Date	Total	Time	Time :		Installations, Inspections, Aintended Haintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modification: and Service Bulletins
	піз.	—			Modification: Any Service Bulletins
Brought Forward					HBBC: 1500 Chi
8/29/2019					SERVICEABLE ALTERATOR QUILLE #2 ALTERATOR AND INSTAUD
					SERVICEABLE ACTEMATOR BUYION S/W: 041912. ORS CHECKED. In 964 ADZONIE 18
					CHECKED. Jan 9/2 AP3004318
		-			
					OZARK AIRWORKS, INC. 185 Taxiway Place
$\overline{}$					Midway, Ar. 72651
Date: 8/14/20	19				870-481-5456
Aircraft: Cirrus	s SR 22				
Serial No. 140	1				
Tach: 1577.1 COMPLAINT:	Oil chang	ge due	2000		
Drained oil	, removed	filter, cu	ut filter ar	nd no con	itaminants were found. Serviced with 8 quarts of 15W50 Aeroshell and a
AA48108-11 0	il filter. he No. 1 E	GT prob	e, cleaned	d tested a	and re-installed. Run engine with no discrepancies or leaks noted.
This airfrar	ne / engir	ne / com	ponent, c	complies	with current FAA regulations in accordance with 14 CFR 91.409 and
Part 43, appen	ndix (d) an	er No. O	en releas ZA- 3435.	sed for re	turn to service. Details regarding work accomplished are on file at this
agency under	WOIK OIG				
_					Les Ives, A/P 489486318 I/A
_					
_	1	l		1	
		7		-	Chan and 50 / 10
9-13-19	1598	_5_		-	municipal oil + filter w/ Shell
					15W0/50,
					JEFF BARBER Cert & 3914054
					Rem up good Oll Bon look
					· · · · · · · · · · · · · · · · · · ·
			1		
	9/17	7/2019 N	483CD C		22 Continental IO-550-N S/N 917636
	Replaced	d damage	ed #3 fuel	injector	P/N 657068-3239 & intake gasket 649950
		E	Engine rai	n & check	sed operation - OK. END.
			uem	Albert T	homas Madison
				A&P	88526718IA
				+	

Date Total Time Time Since Last Overhaul Hrs. Min. Hrs. Min. Time Since Last Overhaul Installations Inspections, Airworthiness Directives, Special Inspections, and Service Bulletins	25.1
Installation and Consider D. Wellington, Special Inspec	าเน
Illo.	tions,
The second of th	
Brought Forward	
OZARK AIRWORKS, INC. 185 Taxiway place	7
Midway, AR. 72651	
DATE: 10/14/2019 (870) 481-5456 Aircraft: Cirrus SR-22	
FNGINE: Continental IO-550-N	
SERIAL: 917636 Tach: 1612.1, SMOH: 1612.1	
Annual inspection completed this date. This inspection procedure meets the requirements of FAR 43.13 (d) and Continental IO-550-N maintenance, inspection and service instructions.	1
The oil was drained and the filter was cut and no contaminants were found. The engine was serviced with 8 quarts of Accordant	1
Shell engine oil and a CH 48108-1 oil filter. The engine was run with no leaks or discrepancies noted. Compression tests 1 - 62/80, 2 - 67/80, 3 - 60/80, 4 - 62/80, 5 - 75/80, 6 - 70/80.	
Both magnetos were removed and sent for 500 hour inspection and overhaud Installed and timed to engine after return	
Removed and replaced all spark plugs and replaced with new P/N REM 38 E. Removed and replaced left muffler, P/N A14836-001-1 and right heat exchanger/muffler P/N A14837-001-1.	
Repaired all EGT and CHT wiring and cables, repositioned all wire looms.	
All AD notes, MSB's, and SB's pertinent to this engine have been complied with and are listed in the AD Compliance Report. The	
above work completed and inspected are on file at this agency under work order No. OZA-3442.	
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN	1
DETERMINED TO BE IN AN AIRWORTHY CODITION AND HAS BEEN RELEASED FOR SERVICE.	-
0.5 14.14	
Les Ives, A/P 489486318 I/A	
	- 1)
	20

Date	Total Time	1.0700000000000000000000000000000000000	Since verhaul	Engine Service and Maintenance Device
	Hrs. Min.	Hrs.	Min.	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	1110.			Modifications and Service Bulletins Modifications and Service Bulletins
			PC	S ENGINES
			14833 SI	DNEY-PLATTSVILLE DE
				(937)-833-0842 ————
		Date	5-20-2	2020 model IO-550-N27
				S/N 917636
			ETT	1627.3TSOH 0.0
	This eng	gine was o	overhaule as a guid	ed to new parts limits using Continental
	1444 0	An as a m	uide all n	ion ferrous materials and ASTM F-
	cranksh:	aft blades	rebushed	d. Engine rotating assy below
	avlinder	's were ou	ernamea	WIID DEW VOLVES COMMON
	were in	stalled ne	w. Fuel s	vstem overhauled starter ad
	Oil cool	er overha	uled. See	AD list for compliance Following
	Duneum	3 WCIC CO	inplica w	III SIL70-7L, SD90-1UR MCD06 105
	Tested 6	engine iis	ng manii	-1A, SB00-3A, SB02-3, and M85-10 factures guidelines as a guide.
	Lcertify	that this	engine/w	as inspected and overhauled I-
	to servi	rrent FAA	regulati	ons and determined to be airworthy for return
	IA A&I	400062	798	Phillip Scadden
	r (ī	1	
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		+	+	
		-	-	
	1 1			

	## Property of the control of the co	TION	ne Service and Maintenance Record ions, Inspections, Airworthiness Directives, Special Inspections, ations and Service Bulletins
	1. C/W ANNUAL INSPECTION in accorda 43 APPENDIX D - Using TCM/Cirrus AMM 2. Reinstalled TCM IO-550N(27) S/N 9176; from PCS ENGINES, TTSN 1630.6 TTSM serviced with 8QT 20/50 M oil. 3. R&R New Barry Engine mounts P/N 963 4. R&R O/H ALT 2 P/N BC410-10H S/N 02 5. R&R O/H Starter P/N 646275-1R S/N HT 6. R&R O/H boost pump P/N 5217-00-3 S/T 7. R&R O/H Prop GOV P/N C290D3-R/T23 041848. 8. R&R new AWI Muffler & heat exchanger 14836-001& A14837-001. 9. R&R BA-24 air-filter. 10. R&R engine fuel hose kit from Aero hose 11. C/W SID 97-3C I certify that this engine has been inspected accordance with (annual) inspection and with determined to be in airworthy condition.	as a guide. 36 after O/H DH 0. 01 53402 . 110304. N 3063. S/N P/N	
	7/-		
	W W W . S T E E L A V I A T I O N . C O	М	
_	Services 3430 Old Columbus Road Carroll, Ohio 4311 Phone Number: 1-740-777-2191 Date: 11-19-2021	2	
	 Drained oil and removed oil scre Installed new AA48108-2 oil filte 	e and detail of en and filter. r and service of Results are a	FAR 43 Appendix D and manufactures service manual. Cut filter open and checked for debris. NDN engine with 8 quarts of Phillips 20W50 XC oil. s follows: 1:77/80 2:62/80 3:70/80 4:72/80 5:71/80 6:70/80

6. Meggered spark plug wires to check for shorts.

Verified correct timing of magnetos.

- 8. Pressurized exhaust system to check for leaks. None noted.
- Verified condition of engine mounts.
- 10. Pressurized fuel system and checked for leaks. None noted.
- 11. Review Bi-Weekly T-Data 2021-23 and complied with where required.
- 12. Operational checks completed after inspection

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

Aircraft returned to service

James A. Shadd A&P 4120371 IA

10	Total	Time	Time Last O	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Ainworthinger Directions
Date	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
2. #3 E 3. Drail 4. Insta 5. Com 6. Rem	mbus Ro	43.4 ring: rected fo be clamper and remove AA481 compressileaned, park plu	Illowing 3 p failed. I oved oil 3 108-2 oil sion che tested ar g wires to	cope and Replaced screen ar filter and cks. Resind reset so	Aircraft 4 TSMOH: 116.1 N Number: N18SA I detail of FAR 43 Appendix D and manufactures service manual. I band clamp with new one. In dilter. Cut filter open and checked for debris. NDN service engine with 8 quarts of Phillips 20W/50 XC oil. I spark plugs gaps. I:72/80 2:62/80 3:66/80 4:72/80 5:62/80 6:70/80 or shorts.
9. Pres 10. Verif 11. Pres 12 Revi	surized ied con- surized ew Bi-V rational his aircra	dition of fuel sys Veekly T checks aft Engi	engine nate and I-Data 20	nounts. checked 22-25 an	for leaks. None noted. for leaks. None noted. d complied with where required. aspection ected in accordance with an Annual inspection and was determined to James A.Shadd A&P 4120371 IA
		-		-	
				1	•