



Form No. 218-918

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

USE ONLY FUEL CONFORMING TO ASTM D910

USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Printed: 01/24/2008

This engine model I0550N46, Serial No. 689530 was manufactured on 04/16/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

Engine Service and Maintenance Record Time Since **Total Time** Date Installations, Inspections, Airworthiness Directives, Special Inspections, Last Overhaul Min. Modifications and Service Bulletins Hrs. Min. Hrs. DATE 11/9/2007 Bro ENGINE MODEL 10-550-N Cirrus Design Factory Service Center A/C TSN 2018 ENG IT 2018 ENGINE SAN 689530 REG NO 550Ph Repair Station No. YD5R855Y HOBBS 2018 4515 Taylor Circle WORK ORDER 10240-11-2007 Dualth, MN 55811 Phone 218-788-3101 Engine Entries (2) FLT HOBBS 175.5 Hrs. Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aeroshell 15W50 engine oil. Performed particulate inspection on drain plug 8 old filter- none found. Performed operational and leak checks. Op's and leak checks good. All work was accomplished LAW Cirrus SR22 AMM 12-10 I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the orders. Awation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRX 1005555. DATE: 11/9/2007 SIGNED: Work Order: 10240-11-2007 Steven LaMousea Certified Report Station No. YD5R855Y Printed by EBis 3 (datcomedia.com) ı ENGINE MODEL 10-550-N DATE 11/27/2007 Cirrus Design Factory Service Center ENGINE S/N 689530 REG NO 550Pk A/C TSN 227 ENG TT 227 Repair Ştabon No. YD5R855Y WORK OFFER 4515 Taylor Circle HOBBS 227 2 Duluth, MN 55811 Phone 218-788-3101 **Engine Entries** (2) Hobbs 227 2 Flight 200 8 Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of:Aeroshell 15W50 engine oil. Performed particulate inspection of removed filter, no discrepancies noted. Retained oil sample to be sent out for analysis. Performed operational and leak checks with safesfactory results. All work was accomplished LAW. CDC. A M.M. 12-10. I have reviewed the life on this aircraft and the accompanying discrepancy forms. The aircraft, airtrame, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y. SIGNED: MASSILL DATE: 11/27/2007 Work Order: 10303-11-2007 Mitch knase Printed by EBis 3 (datcomedia.com) Certified Repair Station No YD5R855Y 1 ENGINE MODEL 10-550-N Cirrus Design Factory Service Center DATE 1/21/2008 ENGINE S/N 689530 REG NO 550PK A/C TSN 282 4 ENG TT 0.8 Repair Station No. YD5R855Y WORK ORDER 4515 Taylor Circle HOBBS 282.4 10573-01-2008 Phone 218-788-3101 **Engine Entries** (3) Hobbs 282.5 Flight 256.2 Changed engine oil and filter P/N 50857-001, serviced engine with eight quarts of Areoshell 20W-50 engine oil. Performed particulate inspection of removed filter, no annomalies noted. Ran engine to perform operational and leak checks with satisfactory results. All work was accomplished LA W. Cirrus SR22 A M.M. 12-20. (4) Intalled TAT turbo kit P/N. KITSR22-2HU S/N. HU1000 IAW TAT. Report 22-6460001. (21) Replaced R/H engine fuel manifold drain line, (p/n 13913-002), IAW CDC AMM 71-70. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Amaton Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y. SIGNED: DATE: 1/21/2008 Work Order: 10573-01-2008 Peterson, Daniel J Printed by EBis 3 (datcomedia.com) Certified Repair Station No. YD5R855Y ENGINE MODEL 10-550-N Cirrus Design Factory Service Center DATE 5/13/2008 ENGINE S/N 689530 REG NO 550PK A/C TSN 364 8 ENG TT 364 8 Repair Station No YD5R855Y 4515 Taylor Circle WORK ORDER Duluth, MN 55811 Phone 218-788-3101 HOBBS 364 & **Engine Entries** (3) (FLT TIME 338.4) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil Performed particulate inspection on old litter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished I A W. Cirrus SR22 A.M.M. 12-10 I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Awation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR355Y DATE: 5/13/2008 SIGNED: Work Order: 11219-05-2008 Steven LaMoure Printed by EBis 3 (datcomedia.com) Certified Repay Setion No YD5R855Y

Total	Time		Since verhaul	Engine	Servic	e and I	lainten	ance R	ecord
Hrs.	Min.	Hrs.	Min.	Installations Modification	, Inspections as and Service	, Airworthine e Bulletins	ess Directives	s, Special Ins	spections,
GINE MO(GINE SAN G NO 55 SRK ORDE 17-06-20	0PK R	Repair 4515 Ta Duluth,	Is Design Station No. YEA Bylor Circle MN 55811 218-788-3101	Factory Servi		Duncurs		DATE 6/13 A/C TSN ENG TT HOBBS	388 6 388 6
ngine E	ntries	T TOTAL	210 100 3101					,	_
08-13, all crepancies rk perform roscope instruction V T C M Promed IA (3) Remove port 215-19 to t-charging AMM 71	ADs are in of shoted, instanced IAW cirrospection, collection of the collection of t	compliance all alled new oil I us mm chapte mpressions a M MM sector 12, operation ort 22-646000 inspected, an implied with T N 652100 Do	this time (1) filter P/N CH48 for 12-10 (12) for as follows # for 19, and T C fall checked goo for (15) Rem dof reinstalled fur formado Alley to formado Practice for acceptance practice	nual inspection (AW 1) Drained engine of 108-1 and serviced of Performed engine of 1 66/80, #2 70/8(M S B 03-3 (13 d (14) Performed oved and replaced in el injection nozzles it, me limits and mainte Report 22-6460001 s (58) I certify the	I and took oil samplengine with 8QTS of sylvinder compression, #3 52/80, #4 5) Removed and repimagneto to engine aduction air filter with AWTC M Miller with 64 to an ance checklist for (55) Installed foan	e, removed oil filter. Aeroshell 15W-50, in and boroscope in 5/80, #5 - 58/80, #4 aced all spark plug timing inspection, in new, P/N 33-202 to 5 - (17) Perfo- turbo ICA (50) in seal and sealed. a	and performed part oil. Leak and open ispections, no discris 68980, master or is prin RHB32E and no discrepancies no 2 IAVV standard ma replaced R/H turbo rea argund L/H interes area argund L/H interes rea argund rea argund	boulate inspection, rational check goor epancies noted on nifice reading of 46, gaskets p/n 50907- oted on inspection, intenance practice setups IAW TAT upper gasket from roooler Done IAW	no d
repaired	inspected in	n accordance	with current r	npanying discrepance equirements of the F tion CRS YD5R855)	ederal Awation Adn	tt, airtrame, aircra inistration and is a	t engine, propeller, pproved for return t	or appliance identi o service Pertine	nt
TE: 6/13	3/2008		SIGNED:	July of	Juli	Ĺ		Order: 11317-0	
			Joseph Sulliva Certified Repa	n er Station No YD5R	855Y	, sž	Printed by Ed	is 3 (datcomedi	
				i.	1 of 1			5	-
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				WOTES	PEAFE	cks Goo	10 X 10	my Z	ibil-
		, ,					—H~82	AB 2 いつし	×
		Rep 451	rrus Designar Station No 5 Taylor Circle		ervice Center		1 21 2		TE 7/27/2008 A/C TSN: 502 ENG TT 502 HOBBS 502

Phone 218-788-3101

Engine Entries

(3) Performed turbo/engine system set ups IAW Tornado Alley Turbo Maintenance Manual. Ground run/operational check satisfactory

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y

DATE: 7/27/2008

SIGNED: Z Erick Sjodin

Work Order: 11665-07-2008

Certified Repair Station No YD5R855Y

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				Wouldcauous and S	ervice Bulletins	
nt Forward ——						
Date: 8/06/2008	Aircraft: N5	50PK: Type	SP22- 6	S/N: 2525; Hobbs: 508.2;	Tatal Time 404 6	
Continental IO-5	50-N. S/N: 6	89530. Tim	e: 508.2	5/N. 2525, HODDS: 508.2;	Total Time: 481.8	; Engine - Type:
Changed oil &filte	er. Inspected	filter. Instal	led a new	CH48108-1 oil filter & 8	quarts Aeroshell 1	5w50 Run un 8
leak check ok.						
This aircraft, arifi	ame, aircraft	engine, pro	peller, or	appliance was repaired a	nd inspected in ac	cordance with
Certified Repair S	ia was round	to be airwor	thy for re	turn to service. Pertinent	details of the repa	ir are on file at this
Monaco Air Dulu	th. LLC - 453	15 Airport Ar	oproach F	Rd Duluth, MN 55811		
(218) 727-2911	1	o miport m		d. Jouldin, MIN 55611		
Signature:	Jan	nes	In	belg		
	195	وطرو	275	1176		
				•		
ENGINE MODEL 10-550-I						
ENGINE S/N 689530	1	Cirrus D	esign Fa	actory Service Center		DATE 9/17/2008
REG NO 550PK WORK ORDER	Mez	Repair Statio	IN NO YESRA	355Y		. A/C TSN 568 1
11971-09-2008	CIRRUS	4515 Taylor of Duluth, MN 5	5811			ENG TT 568 1 HOBBS 568 1
F . =		Phone 218-				
C. g.a.g E.at les						
(3) (FLT TIME 541.7 Hrs engine oil Performed par) Changed eng	ine oil and filter	. Champion	CH48108-1, P/N 50857-001 Servi	ced engine with 8 quart	of Aprochall 153A 50
X30634A Function check of	Nos RH P/N 10-5	00556-101S S/	N D07DA102	ved magnetos RH P/N 10-500556- 2 LH P/N 10-500556-101S S/N D0	101 S/N D07CA280 LH 7JA015 work performed	P/N 10-500556-101 S/N
have reviewed the file on was repaired/inspected in	this aircraft and the	he accompanyir	ng discrepani	cy forms. The aircraft, airtrame, a	ercraft engine propeller	or appliance identified
details of repair are on file	at this Certified R	current requirer Tepair Station CF	nents of the F RS YD5R855	cy forms. The aircraft, airtrame, a Federal Aviation Administration an Y	d is approved for return	to service. Pertinent
DATE: 9/17/2008	SIG	NED:	7		Work	Order: 11971-09-2008
	Steve	n LaMourea				is 3 (datcomedia.com)
9	Cerui	ned Report State	on No YD5R	855Y	· ····································	3 (datcomedia.com)
	\dashv					
ENGINE MODEL 10-	550-N Cirru	e Decian I	Faatan : (Service Center		000.75.79.290.200.200
ENGINE S/N 689530 REG NO 550PK	Repair	Station No YD5	D855V	service Center	i	DATE 12/5/200 A/C TSN 616
WORK ORDER	4515 Ta	sylor Circle	110331			ENGIT 616
12354-12-2008		MN 55811 218- 788-3438				HOBBS 616
Engine Entries						
(2) Flight time is 590 to	hrs (4) (E# H	obbs 590 1) Ch	anged engine	ad and 68 25		
Aeroshell 15W-50 eng	ine oil Performe	ed particulate in	spection on c	e oil and filter, Champion CH48108 old filter, checked satisfactory All	3-1, P/N 50857-001 Ser work was accomplished	inced engine with 8 quarts of
		Jul 11	and ciens b	ATT PIN MI20392-1C 19 IAVV TOTTIAN	to Alley Turbo Maintane	nce Manual
I have reviewed the file	on this aircraft a	and the accomp	anying discre	epancy forms. The aircraft, airtran	ne airctaft engine prop	blior or application of the control
details of repair are on	file at this Certifi	with current requel ed Repair State	urrements of	spancy forms. The aircraft, airfran the Federal Awation Administration	n and is approved for re	turn to service Pertinent
		opan otabo	in cito ibar			
DATE: 12/5/2008		Signed: /				Indo Ondani done di da ann
DATE: 12/5/2008	C	urt Krack		Encl		
DATE: 12/5/2008	C		Station No Y	D5R855Y		fork Order: 12354-12-200 EBis 3 (datcomedia.com
DATE: 12/5/2008	C	ort Krack Certified Repair		D5R855Y		
	Monaco Air I	Certified Repair		D5R855Y		
	Monaco Air I 4535 Airport Ap Duluth. MN 558	Curt Krack Certified Repair Duluth, LLC proach Rd 11 (218) 727-	2911	D5R855Y		
	Monaco Air I	Curt Krack Certified Repair Duluth, LLC proach Rd 11 (218) 727-	2911	DSR855Y		
CIRRUS	Monaco Air I 4535 Airport Ap Duluth. MN 558 Cirrus Authorize	Curt Krack Certified Repair Duluth, LLC proach Rd 11 (218) 727- Id Service Cent	2911 ter		Printed by	EBis 3 (datcomedia.com
CIRRUS Date: 4/28/20	Monaco Air I 4535 Airport Api Duluth. MN 558 Cirrus Authonze	Curt Krack Certified Repair Duluth, LLC proach Rd 11 (218) 727- rd Service Cent N550PK; T	2911 ter	2; S/N: 2525; Hobbs: 674	Printed by	EBis 3 (datcomedia.com
CIRRUS Date: 4/28/20 10-550-N, S/I	Monaco Air I 4535 Airport Ap Duluth. MN 558 Cirrus Authorize 009; Aircraft: N: 689530, T	Curt Krack Certified Repair Duluth, LLC proach Rd 11 (218) 727- rd Service Cent N550PK; T	2911 ter		Printed by	EBis 3 (datcomedia.com
Date: 4/28/20 10-550-N, S/I Shop Order #	Monaco Air I 4535 Airport Ap Duluth. MN 558 Cirrus Authorize 009; Aircraft: N: 689530, T :: 09-7105	Curt Krack Certified Repair Duluth, LLC proach Rd 11 (218) 727- rd Service Cent N550PK; T	2911 ter		Printed by	EBis 3 (datcomedia.com
Date: 4/28/20 IO-550-N, S/I Shop Order # ""Engine Wo	Monaco Air I 4535 Airport Ap Duluth, MN 558 Cirrus Authorize 009; Aircraft: N: 689530, T 1: 09-7105 ork***	Duluth, LLC proach Rd 11 (218) 727- d Service Cent N550PK; T ime: 674.7	2911 ter Type: SR2	2; S/N: 2525; Hobbs: 674	Printed by	EBis 3 (datcomedia.com
Date: 4/28/20 10-550-N, S/I Shop Order # ""Engine Wo (FLT TIME: 6 Changed oil a	Monaco Air I 4535 Airport Ap Duluth. MN 558 Cirrus Authorize 009; Aircraft: N: 689530, T 1: 09-7105 ork*** 548.3 Hrs.)	Duluth, LLC proach Rd 11 (218) 727- d Service Cent N550PK; T ime: 674.7	2911 ter Type: SR2	2; S/N: 2525; Hobbs: 674	Printed by	EBis 3 (datcomedia.com
Date: 4/28/20 10-550-N, S/I Shop Order # ""Engine Wo (FLT TIME: 6 Changed oil a	Monaco Air I 4535 Airport Ap Duluth. MN 558 Cirrus Authorize 009; Aircraft: N: 689530, T 1: 09-7105 ork*** 548.3 Hrs.)	Duluth, LLC proach Rd 11 (218) 727- d Service Cent N550PK; T ime: 674.7	2911 ter Type: SR2		Printed by	EBis 3 (datcomedia.com
Date: 4/28/20 10-550-N, S/I Shop Order # ***Engine Wo (FLT TIME: 6 Changed oil a filter, no discr	Monaco Air I 4535 Airport Api Duiuth, MN 558 Cirrus Authorize 009; Aircraft: N: 689530, T 6: 09-7105 ork*** 648.3 Hrs.) and filter P/N epancies not	Duluth, LLC proach Rd 11 (218) 727- d Service Cent N550PK; T ime: 674.7	2911 ter Type: SR2	2; S/N: 2525; Hobbs: 674 ed with 8 quarts Aeroshel leak checks good. All wo	Printed by 4.7; Total Time: 67 Il 15W50. Cut oper rk done IAW CDC	en and inspected oil
Date: 4/28/20 IO-550-N, S/I Shop Order # ""Engine Wo (FLT TIME: 6 Changed oil a filter, no discr	Monaco Air I Mo	Duluth, LLC proach Rd 11 (218) 727- d Service Cent N550PK; T ime: 674.7	2911 ter Type: SR2 1. Service ional and ler and/or a	2; S/N: 2525; Hobbs: 674 ed with 8 quarts Aeroshelleak checks good. All wo	Printed by 4.7; Total Time: 67 Il 15W50. Cut operk done IAW CDC	EBis 3 (datcomedia.com
Date: 4/28/20 IO-550-N, S/I Shop Order # ""Engine Wo (FLT TIME: 6 Changed oil a filter, no discr	Monaco Air I Mo	Duluth, LLC proach Rd 11 (218) 727- d Service Cent N550PK; T ime: 674.7	2911 ter Type: SR2 1. Service ional and interest and/or a tructions a	2; S/N: 2525; Hobbs: 674 ed with 8 quarts Aeroshel leak checks good. All wo	Printed by 4.7; Total Time: 67 Il 15W50. Cut operk done IAW CDC	EBis 3 (datcomedia.com

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TH-INE S/N 689530 REG NO STOPK WORK ORDER 12725-04-2009



Cirrus Design Factory Service Center

Repair Station No. YD5Ra55 r 4514 Taylor Circle DUMM, MN 55811 Phone 218-788-3438

DATE 4/29/2009 600 7 AC TSN H. BES 4

Engine Entries

(2) Adjusted fuel pressure and MAP IAW TAT Report 215-10. Ground run satisfactory

red the file on this arroraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller; or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Fertinent details of repair are on file at this Certified Repair Station CRS YDSR855

DATE: 4/29/2009

SIGNED: Mitch knase Certified Repair Station No. YD5R8553

Work Order: 12725-04-2009 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL 10-550-N ENGINE S/N 689530 REG NO 550PK WORK ORDER 12849-06-2009



Cirrus Design Factory Service Center

Repair Station No YD5R855Y 4514 Taylor Circle Dukuth, MN 55811 Phone 218-788-3438

DATE 6/15/2009 A/C TSN 724.5 ENG TT 724.5 HOBBS 724 5

Engine Entries

(2) (FLT TIME 698.1...) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks with satisfactory results. All work accomplished IAW Cirrus SR22 Axiim 12-10. (3) Compiled with Tornado Alley Turbo service builden TAT Si08-01 Rev A. inspection and cleaning of turbo mounting flange inspection IAW Service Builden Instructions. (4) Compiled with Tornado Alley Turbo Service Builden TAT Si09-01 turbo mounting flange inspection IAW Service Builden Instructions. No defects noted.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR855Y

DATE: 6/15/2009

SIGNED: Day

Work Order: 12849-06-2009

Peterson, Daniel J Certified Repair Station No. YD5R855Y

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4535 Airport Approach Rd Duluth MN 55811 (218) 727-2911 Cirrus Authorized Service Center

Cessna Authorized Service Facility

Date: 8/07/2009; Aircraft: N550PK; Type: SR22; S/N: 2525; Hobbs: 752.1; Total Time: 752.1; Engine - Type: IO-550-N, S/N: 689530, Time: 752.1, SMOH: 752.1

Shop Order #: 09-7204

(FLT TIME: 725.7Hrs.)

Performed 100 Hr inspection of engine IAW CDC AMM 5-20 and 5-30.

Researched engine ADs thru current bi-weekly 2009-16.

Changed engine oil and filter. Champion CH48108-1. Serviced with 8 qts of Phillips 20W50 Type M engine oil. Performed particulate inspection on filter, checked good. Ops and leak checks good. All work IAW CDC AMM

Performed engine cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: #1 65/80, #2 71/80, #4 65/80, #6 71/80, master orifice reading of 41/80. Work performed IAW.TCM MM

Performed engine fuel pressure setup IAW TAT Report 215-10.

Adjusted magneto to engine timing as required IAW TCM overhaul manual.

Removed cylinders #3 and #5 and sent to Bolduc Aviation for repair. See Bolduc Aviation Work Order #23310 dated 7/23/09 for details. Reinstalled cylinders #3 and #5 IAW TCM IO-550 overhaul manual.

Removed starter and starter adapter and replaced with new adapter P/N 642083-1A2 and Skytec starter P/N 657596 S/N 4C3-260949.

I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.

This aircraft, ariframe, engine, propeller and/or appliance was repaired and/or inspected in accordance with current FAR's and manufacturer's instructions and was found to be airworthy for return to service.

Signature:

Rick Hagberg A&P 3268908

ENGINE MODEL 10-550-N ENGINE S/N 689530 REG NO 550PK WORK ORDER 13060-08-2009



Cirrus Design Factory Service Center

Repair Station No YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone 218-788-3438

DATE 8/24/2009 A/C TSN 773 2 ENG TT 773 2 HOBBS 773 2

Engine Entries

(2) (Flight Time 746.9) Changed engine oil and filter IAW Cirrus SR22 AMM chap 12-10. Replaced filter with new p/n 50657-001 (CH48108-1) and serviced engine with 8 offs. of Aeroshell 15W50 oil. Run-up and leak check satisfactory.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propellar, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YDSR855

DATE: 8/24/2009

SIGNED:

Aaron Holmgran Cerbited Repair Statemen YD5R855Y

Work Order: 13060-08-2009 Printed by EBis 3 (datcomedia.com)

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Date	Liota	1 111110	Last Ove		Engine	Service and	Mainte	nance Reco	rd
	Hrs.	Min.	Hrs.	Min.	Installations Modification	, Inspections, Airworth s and Service Bulletin	niness Directiv Is	es, Special Inspection	ons,
rought Forward		-							_
ENGIN REG 1 WORK	E MODEL I E SAN 6895 NO 550PK ORDER 09-2009		13	epair Station 514 Taylor C	No YD5R855 v ircle	Service Center		DATE 10/8/2009 A/LTSN 845.4 ENI-TT 845.4 FLIGHTIME 819.1	
				uluth, MN 55 hone 218-7					
	ne Entrie med engme		od cample removed					-	
Next oil 654434	change due P010, and re	at Flight bri eplaced LH o	ne of 869 1 (2) exhaust manifold	2) Removed All work a	EH exhaust manifold complished IAW TA	ulate inspection, no discrepancie erational check good, work perfor assy, Removed and replaced #6/ T 22-6460004 and TCM/OHM FO	med IAW cirrus mm (cylinder O/B fwd eich) RM X30568A 6-23	hapter 12-10 aust stud P/N	
details o	frepair are	on hie at this	Certified Repair	Station CRS	YD5R855Y	The aircraft, airframe, aircraft en viation Administration and is appro	gine propeller or ap wed for return to sen	plance identified acc. Pertinent	
DATE:	10/8/2009		SIGNED	Charle	h 3.	_	Work Orde	r: 13148-09-2009	
			Charles Be Cerbfied R	emu epair Station	No YDSR855Y	P	rinted by EBis 3 (datcomedia.com)	
- NEEDDIK		7							
- N550PK			Cirrus	s SR22		S/N 2525		Flight Meter 8	77.6
11/24/09	Repla	ced inor	perative #1	Alterna	tor with now				
Aeroshell O1, (Manif	1000-50	- nain	0 FIID			Alternator (P/N 65680 oil filter (no metal no d. Complied with Torr d. Complied with TA	vieu). Enain	e serviced with 6 a	unda
111	/ <u> </u>	/	-11	or cibon					
Jeffrey T.	Vuttall A	NP2694	634IA						
 Aero Servicione 	ces, Inc.			33 Muni	cipal Dr.	Nomes II			
- NEEDDI						Nampa, ID	83687	W.O. #7	218
N550PK			Cirrus			S/N 2525		Flight Meter 93	36.2
2/23/10 (15W-50. M lower the m	anifold anifold	d oil and pressure pressure	d inspected e reported e to a reas	d and re to be ex onable l	eplaced oil filt dremely high evel for test fi	er (no metal noted). Backed out turbo co light.	Engine service entroller screw		
Jeffrey T. No	uttall Al	26946	34IA						
Aero Service	es, Inc.			3 Munic	inal Dr		12/2007/06		
					-pui Di.	Nampa, ID	83687	W.O. # 7	274
N550PK			Cirrus S	R22		C/N OFOE			
5/19/10 Ch	hannad	انم				S/N 2525		Flight Meter 99	5.5
15W-50. Eng	ine leal	k check	ed good.	and rep	placed oil filte	er (no metal noted).	Serviced eng	ine with 6 quarts of	A/S
Jeffrey Nut	tall AP	269463	4IA						
Mero Services	, Inc.		133	Municip	pal Dr.	Nampa, ID	83687	1,100	
NEEODK	1	1	1	1		Tampa, ID	03007	W.O. # 73	349
N550PK			Cirrus	SR22		S/N 2525		= 0.4.4.	
6/22/2010 50. Complied determine so 01 (Exhaust	Juices. (omplie	AT MANAGE TA	T CIAO	04 D	filter (no metal noted ted 1/20/10. Assisted). Serviced 7 identifying e ted 4/27/09. (Flight Meter 10 quarts of Aeroshell ngine oil leaks (unal Complied with TAT S	
Jeffrey F. Nu	ttall AP	269463	- 341A		-				
Aero Services	s, Inc.			3 Munic	ipal Dr.	Nampa, II	1 83607	5807 - p. <u>1947</u> 276 <u>1</u> 71 74860	
1	1	1				ranipa, IL	0308/	" W.O. # 7	7370

Aeroshell valve guid seats. Re Removed magneto a limits. Re (649982).	15W-50. le (ECI Prinstalled of magnetos and set intermoved fur Engine of	Removed /N AEC643 cylinder with and inspection el pump b un-up che	#2 cylinder for 3767HC), and it in new gaskets cted magneto of g. Adjusted lef ecause of oil le	low compress ntake valve (6 Replaced al contacts. Rep t magneto cor eak, cleaned	sion, replaced exhaust valve sion, replaced exhaust valve sets 55783). Ground valve set I spark plugs because of wellaced contact assembly (TC ntacts to proper e-gap and wellage surfaces, re-installed).	Iter (no metal noted). Checkingine serviced with 6 quarts of (TCM P/N 655771), exhausts and lapped new valves ear (Champion P/N RHB326 of P/N 10-382584) in the righterified the point gap is with diffuel pump with new gask accordance with a 100 Hotajor overhaul is 1124.7 hours	of ust; to E). —— ght —— ket ——
- 11/2	The	the !		٠,		17	-
Jeffrey 4. N Aero Servic	Nuttall AP	269463414		! D-	100 100 100 100 100 100 100 100 100 100		
_			133 Munici	pai Dr.	Nampa, ID 83687	W.O. # 742	23 —
N550PK	1	' 1,)):	1			
_			Cirrus SR22		S/N 2525	Flight Meter 118	
Pollor	15W50. F	Replaced d	and and and dyna	nder EGT pro	oil filter (no metal noted). be (Cirrus P/N 16579-002). Nampa, ID 83687	Engine serviced with 7 queens Engine run-up checked good	od
- ENGINE MODEL: 10550		-			DATE: 1/11/2011	***************************************	
ENGINE SAN: 689530 REG. NO: N550PK WORK ORDER: 000004	Repair Stat				A/C TSN: 1229 9 ENG TT: 1229 9 TACH: 1229 9		
SERVICED WITH REINSTALLED C	AERO SHE COWLING	Pulled top and	EGREASED ENGIN d bottom spark plug repaired and inspecte	IE, RUN UP LEAK s, cleaned, pressu	ER, FILTER INSPECTED, C CHECK COMPLETED, ure checked and reinstalled, current FARs rules of the Federal		
DATE: 1/11/2011		GNED:	UY	D.	Work Order: 00000442 rinted by EBis 3 (datcomedia.com)		
-	_		Station No. 7TLR012B	·	DATE: 1/24/2011		
ENGINE MODEL: IO550N ENGINE SM: REG. NO: NS50PK WORK ORDER: 00000457	Repair Station	DRIVE 340			A/C TSN: 1243.5 ENG TT: 1243.5 TACH: 1243.5		
Pulled Cowlings, Set 29 Section F Section	t Up Fuel Ga A, Perform	luges, Perfor ed Test Fligh	med Engine Fuel S t, All Values Are \	system Set Up IAV With In Spec, Rec	N TAT 22-6460004 Page cowled Aircraft,		
Maintenance Release					-		
The aircraft and/or comp Aviation Regulations an	ponent(s) on it ad was found it	1550PK was re-	paired and inspected i um to service.	n accordance with c	urrent FARs rules of the Federal		
DATE: 1/24/2011	SIGN	ED: Ch	W/~		Work Order: 00000457		
		Palage fied Repair Sta	tion No. 7TLR012B	Prin	nted by EBis 3 (datcomedia.com) —		
	110000				-		
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Brought Forward	Date	Total	Time	Time S Last Ove		Engine Service and Maintenance Record
Documents of the process of the proc		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
JAWA 1 000 hour inspection, Completed with Cinnal Design maintenance manual Chapter 65-20 for model 582 2AMA Detail of 1,000 with changes dided December 15, 2010 Compression check: 1,52/90 2,56/80 3,63/80 4,57/80 5,67/80 6,27/80 Master Ordine 7,57/81 Completed for lader species and bloescoped impaction. SID 87-25. Completed with 1050 97-25, Cylinder TopClare complesses and bloescoped impaction. Grinder exhaust heat shield	Brought Forward	ENGINE S REG NO:	N: 689530 N550PK	Repair Station 44 MACREAL 186 Merced, CA 9	n No. 7TLRO DY DRIVE 95340	PTISES AC TSN. 1270.2 ENG TT: 1270.2
The aircraft and/or component(s) on NS50PK was regained and inapected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for the min to service. DATE 3/24/2011 SIGNED Work Order 00000486		IAW A 1 SR22 Al 56/80 3: SID 97-3 program cylinder right han heater w right han replaced due Apr exhaust	00 hour in MM Dated 63/80 4: 3E. Comp Remo exhaust hid heater rire Rerid support V-Band (2013 or 1 rocker co	I June 15, 201 57/80 5: 67/80 lied with TCM wed and repla- teat shield I to cooler skee moved and repla Sealed ind clamps, due 1 569,6 flight tir- ver gasket	10 with ch 0 6: 62/80 I SID 97-2 ced right Removed It tubing placed fue duction air 719.6 flig me, which Removed	hanges dated December 15, 2010. Compression check: 1: 52/80 2: 0. Master Orifice: 37 PSI. Completed fuel system service as per TCM 2B, Cylinder TopCare compression and borescope inspection hand upper wastegate support mount Removed and replaced #8 d and replaced #3 cylinder heater clamp Removed and replaced Removed and replaced #5 cylinder heater clamp, reinsulated lel flow sensor with new Stop drilled crack on left hand intercooler, ir box skeet tubing away from baffle support Removed and pht time Removed and replaced magneto pressurization filter, next hever comes first Removed and replaced #2 engine cylinder d and replaced #3 engine cylinder exhaust rocker cover gasket
Aviation Regulations and was found Airworthy for resum to service DATE: 3/24/2011 SIGNED: Sharem Fogle Certified Reper Station No. 7TLR0128 Printed by EBia 3 (datcomedia com) DATE: 4/202011 Printed by EBia 3 (datcomedia com) DATE: 4/202011 Engine Entries Remove Ait #2 Sent in for overhaul, reinstalled, performed run up function checks, ok at his time Changed out #4 EGT Probe with new. Maintenance Release The aircraft ander component(s) on NSSOPK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. DATE: 6/20/2011 SIGNED Chris Palage Certified Repair Station No. 7TLR0128 To fill 1 of 1 NSSOPK Cirrus SR22 S/N 2525 Flight Meter 5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected induction characters and performed engine run up, no defects noted during ground run. Printed Type Palage Printed type EBia 3 (datcomedia com) DATE: 6/20/2011 SIGNED Certified Repair Station No. 7TLR0128 To fill the fill th						
Shawn Fogle Certified Repair Station No. 7TLR0128 Printed by EBia 3 (detcomedia com)		The aircraft Aviation Re	and/or con gulations a	nponent(s) on N nd was found A	550PK was irworthy for	or refurn to service.
Engine Entries Report Station No. TROPE Re		DATE: 3/24	/2011	Shaw	n Fogle	Printed by EBis 3 (datcomedia.com)
Maintenance Release The aircreft and/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy of return to service. DATE: 6/20/2011 SIGNED Work Order: 00000539 Chris Palage Printed by EBis 3 (detcomedia.com) Certified Repair Station No. 7TLR012B N550PK Cirrus SR22 S/N 2525 Flight Meter 5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive exhaust system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left intercooler, and reinstalled hoses. Torque checked all inductions are repaired to loose manifold pressure and performed engine run up, no defects noted during ground run. Work Order: 00000539 Printed by EBis 3 (detcomedia.com) Flight Meter 1 of 1		IO-550-N ENGINE S.N: 68 REG. NO: N550F WORK ORDER:	9530 PK 00000539	Repair Station No. 44 MACREADY DR Merced, CA 95340	7TLR012B RIVE	A/C TSN: 1294.8 ENG TT: 1294.8
The aircraft end/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy (fit return to service. DATE: 6/20/2011 SIGNED Work Order 00000539 Chris Palage Printed by EBis 3 (detcomedia com) Certified Repair Station No. 7TLR012B N550PK Cirrus SR22 S/N 2525 Flight Meter 5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive exhaust system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left intercooler, and reinstalled hoses. Torque checked all inductions clamps. Reinstalled cowling after repair and performed engine run up, no defects noted during ground run.		Remove Alt.	#2 Sent is		, reinstall	led, performed run up function checks, ok at his time Changed
Chris Palage Certified Repair Station No. 7TLR012B 1 of 1 N550PK Cirrus SR22 S/N 2525 Flight Meter 5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive exhaust system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left intercooler, and reinstalled hoses. Torque checked all inductions. Reinstalled cowling after repair and performed engine run up, no defects noted during ground run.		The aircraft an	d/or compo	onent(s) on N55 was found Airw	OPK was n	repaired and inspected in accordance with current FARs rules of the Federal return to service.
N550PK Cirrus SR22 S/N 2525 Flight Meter 5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive exhaust system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left interfitting hole, replaced tee fitting on back of left intercooler, and reinstalled hoses. Torque checked all induction clamps. Reinstalled cowling after repair and performed engine run up, no defects noted during ground run. Teffice T. Nuttall AP2694634IA		DATE: 6/20/20	11	Chris Pa	iage	Printed by EBis 3 (datcomedia.com)
N550PK Cirrus SR22 S/N 2525 Flight Meter 5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive exhaust system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left interfitting hole, replaced tee fitting on back of left intercooler, and reinstalled hoses. Torque checked all induction clamps. Reinstalled cowling after repair and performed engine run up, no defects noted during ground run. Teffice T. Nuttall AP2694634IA						
N550PK Cirrus SR22 S/N 2525 Flight Meter 5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive that the system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left intercooler, and reinstalled hoses. Torque checked all induction clamps. Reinstalled cowling after repair and performed engine run up, no defects noted during ground run. Tefficial T. Nuttall AP2694634IA						
5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive exhaust system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left interfitting hole, replaced tee fitting on back of left intercooler, and reinstalled hoses. Torque checked all induction clamps. Reinstalled cowling after repair and performed engine run up, no defects noted during ground run.						1 of 1
5/3/11 Engine reported to loose manifold pressure suddenly at altitude. Removed cowling, inspected inductive exhaust system for any defects. Found the left intercooler aft Tee fitting pulled out. Tap repaired the left intercooler, replaced tee fitting on back of left intercooler, and reinstalled hoses. Torque checked all induction clamps. Reinstalled cowling after repair and performed engine run up, no defects noted during ground run.	N550PK		Cir	rus SR22	-1	S/N 2525 Flight Meter 1288.7
	exhaust system f fitting hole, replac	or any de ced tee fi	fects. tting or	Found the back of l	e left in eft inte	ure suddenly at altitude. Removed cowling, inspected induction and intercooler aft Tee fitting pulled out. Tap repaired the left intercooler ercooler, and reinstalled hoses. Torque checked all induction hose
	, ,		34IA T	133 Mun	icipal [Dr. Nampa, ID 83687 W.O. # 7610

ENGINE MODEL: IO-550-N ENGINE S/N: 669530 **TDL Aero Enterprises**

Repair Station No. 7TLR012B 44 MACREADY DRIVE Merced, CA 95340 Phone: 209-722-7300

		D	ATE:	11/2/20	011
			C TS	N: 134	3.1
			NG T	T: 131	3.1
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Mai	nter	nan	ce	Re	cor

iness Directives,	Special	Inspectio
S		

Engine Entries

IAW A ANNUAL Inspection, Complied with Cirrus Design maintenance manual Chapter 05-20 for model SR22 AMM dated May 31, 2011. Compression check: 1: 52/80 2: 58/80 3: 62/80 4: 58/80 5: 70/80 6: 60/80. Master Orifice: 34 PSI. Compiled with 50/100 hour inspection IAW Cirrus/Tornado Alley 22-6460004 Continued Airworthiness Rev. A dated Apr 10, 2009. Complied with 100-500 hour scheduled servicing requirements. Washed down engine and run-up leak check performed.... Complied with service bulletin TAT SB11-04. Removed, inspected, and cleaned turbocharger oil supply inlet screen.... Removed exhaust grounding strap on pilots side and replaced with new grounding strap.... Removed ALT #1 baffle drilled out loose rivets, installed new rivets to ALT #1 baffle.... Pilots side exhaust heat shields Positioned clamps in proper place, tightened clamps into place.... Removed rocker covers and gaskets, cleaned surface areas installed new gaskets on cylinder #2... Removed ripped insulation and aluminum tape from fresh air inlet, installed new aluminum tape to fresh air inlet.... Removed loose rivet from pilots side fwd silicone baffle rubber, repositioned rubber installed new rivet.... Replaced RH exhaust stack with new... Replaced RH waste gate with new

Maintenance	Release
DAMES IN THE REST INC.	1101000

The aircraft and/or component(s) on N550PK was repaired and inspected in accordance with current FARs rules of the Federa Aviation Regulations and was found Airworthy for Jeturn to service.

DATE: 11/2/2011

SIGNED:

Work Order: 00000642

Certified Repair Station No. 7TLR012B

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2 of 2

FLT hrs: 1368.4 Hobbs: 1409.9 3/16/12 N550PK engine Changed engine oil and filter CH48108-1. Serviced engine with 7 qts AS100. Washed engine and compartment Performed ground run and leak check good. Levi Lawson A&P 2920384

N550PK engine 9/28/12

ACTT: 1446.8 **ETSN 1446.8**

Changed engine oil and filter CH48108-1. Serviced with AS100 and washed engine and compartment. Performed ground run and leak chesk good.

Ricky E. Townsend A&P488843646IA

N550PK	Engine	Feb. 1 2013	ACTT: 1483.9	ETSN: 1483.9	spection
Complied with	Cirrus SR22 Sc	heduled Inspection	on Report 100 hr. II	ems and instructions	
or continued a	irworthiness. Cl	anged engine oil	and filter (H4810	8-1. Examined filter	
lement and de	termined no abn	ormalities, Took	oil sample and sen	t out for analysis. Ref	
ttached sheet	from AVLABS.	Serviced engine	with 8 qts. Abou. C	compressions: (1) 60	
2) 65 (3) 65 (4	4) 68 (5) 65 (6)	62. Replaced er	igine driven alterna	ator with new ES10024	
N H-M0903	07. 500 hour ins	pection due 1983	ACTIAReplaced	left and S/N/I	
irbochargers v	with overhauled	466304 - 9003 8/	N H-PDR00246 on	A COTT not to	
C000027 on i	right. Next due 2	483 ACTT. Reco	ommended and 348	3 ACTI HOLIO	
xceed. Replac	ed magneto pres	surization filter	P/N 1396-2. Next of	tue 1783 ACT is	
eplaced igniti	on harness with	new C16-2BSII	from skytronics. A	II AD's compiled with	
date. I certify	that this engine	has been inspec	ted IAW an Annua	inspection and is	
etermined to h	e airworthy and	is approved for	return to service.	()	
icky E. Town	send A&P48884	3646IA ~ E	- James	<i></i>	
		٠.)			125070.50

AUTOPILOTS CENTRAL, INC. 3112 N. 74th East Ave.

3112 N. 74th East Ave. Hangar #23, Tulsa Intl. Airport TULSA, OKLAHOMA 74115

N550PK SNAZ FLOHT HM 1461.9

RETORDED & 4 CYL. FUEL NOZZLE

LINE, CHANDED OIL & FILTER

SERVICED WITH AS, WIRD OIL.

PASH RATULE

CHARTYTK

WEY MA13-04055 7/15/13

(918) 836-6418

	N550PK engine Hour mtr/ACTT: 1515.0 ETSN: 1515.0 4/1/1
	13301 K Chamber of Continued inspection Report 100 hr and Instructions for Continued
	. 1) 20 0) 25 2) 711 A) 711 1) 71 71 71 10 10 10 1 10 10 10 10 10 10 10 10 10
_	640050 AD 12-03-06 Fuel Servo does not apply per mandacturer.
	AD 12-10-13 start adapters does not apply per engine hours. No AD's apply at this time. I certify that this engine has been inspected IAW an Annua and harrowed for return to service.
	No AD's apply at this time. I certify that this eligible has been hispected. Inspection and is determined to be airworthy and approved for return to service.
	Inspection and is determined to be all worth and appropriate to the all worth and appropriate to th
	Ricky E. Townsend A&P488843646IA

Date	Total	Time	Time Since Last Overhaul			
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
N550PK (6/8/15 ETSN: 1532.1 In Report 100 hr. Inspection items and Torpado Alley, Compressions	
epaired col 1807 at CR	3) 65 4) ndition w S# QYIR CR0090. r filter w	68 5) 6 fith nev 334Y. Installath new	FG01 Replaced new KN 3.	2. Remo 20830 g ed waste EGT se 3-2022.	om Tornado Alley. Compressions wed left wastegate assembly and installed in gasket. FAA form 8130-3 on file under wo# egate controller reference hose with new ensor P/N 16579-002 in #3 position. Replaced Repaired leak at right exhaust slip joint	

N550PK engine 10/1/16 ACTT/TSN: 1550

O

Complied with SR22 Scheduled inspection report 100 hr items and instructions for continued airworthiness per Tornado Alley schedule. Changed engine oil and filter CH48108-1. Examined filter and determined no abnormalities. Compressions 1) 62 2)60 3)70 4) 55 5) 68 6)62. Replaced elbow fitting AN842-4 at fuel flow divider. Removed engine driven fuel pump P/N ETI-SR22-2-11 S/N 088 and installed in repaired condition. FAA form 8130-3 on file under WO# 16-517 at Great Planes Fuel Metering IAW Tornado Alley TAT SB12-02 and CMI SB00-10. Checked fuel pressures IAW 22-6460004 and no adjustments were required. Performed ground run and leak check with no discrepancies noted. AD2016-16-12 does not apply per TCM cylinders installed. No airworthiness directives apply at this time. I certify that this engine has been inspected IAW a 100 hour Inspection and is determined to be airworthy and is approved for return to service.

Levi Lawson A&P2920384

N550PK engine 9/1/17 TSN Hobbs:1579.2 Flight: 1537.6

Complied with SR22 Scheduled Inspection Report 100 hour items and applicable instructions for continued airworthiness. Complied with TAT scheduled maintenance checks 100 and 50 hour items. Changed engine oil and filter CH48108-1. Sent filter and oil sample to AVLABS ref: report. Serviced engine with 8 qts. AS100. Compressions: 1)47 2)62 3)60 4)64 5)70 6)62 Replaced Cylinder and piston from 100 658595A2B1 6/N AC17CB518. Installed with new seals, gaskets and piston pin 630046. Teplaced cylinder and piston #41 with new 100 658595A2B1 5/N AC17CB490. Installed with new seals, gaskets and piston pin 630046. Ref: TCM SB96-7C for torques. Complied with TAT SI15-02 turbos. TAT SI11-01 exhaust slip joints. TAT SB09-01 exhaust manifold inspection. Replaced all exhaust gaskets with new no blow type. Adjusted turbo controller down 1" MAP. Performed ground run and leak check with no discrepancies noted. Researched AD's all applicable complied with to date. I certify that this engine has been inspected IAW an Annual Inspection and is determined to be arrworthy and approved for return to service.

Ricky E. Townsend A&P488843636IA

			anaina		TSN/ Hours: 1595.3 10/2 18	,
	N5	OPK	engine			
	Con	nplied w	ith SR22 S	chedule i	nspection Report 100 hour items and instructions for continued	
		thing	cc Oil was	s not chai	nged due to flours.	-
		+i6, tha	this engi	ne has be	en inspected AW an Annual Inspection and is determined to be	_
	i ce	religions	t this time			
					(.5 \)	1
	Rick	cy E. Tov	vnsend A	&P488843	3646IA 141-30m	
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1	TSN/ Hours: 1595.3 10/2 18
	APPEARIT ARGING
Bro	Complied with SR22 Schedule inspection Report 100 hour items and instructions for continued airworthiness. Oil was not changed due to hours. I certify that this engine has been inspected AW an Annual Inspection and is determined to be airworthy at this time. Ricky E. Townsend A&P488843646IA
	Phillipsburg Airport LLC Engine LOG N550PK S/N 2525 DATE 10/01/2019 FLIGHT 1582.8 MAKE Cirrus HOBBS 1624.4 Model SR22 1.C/W 100 hours / ANNUAL INSPECTION in accordance with FAR 43 APENDDIX D, Using Cirrus AMM as a guide. 2.Removed, cut open oil filter and inspected, no defects noted. Installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips. 3. Checked compression #1 71 #3 60 #5 74 #2 58 #4 72 #6 58 over 80. M.O 43. 4. RaR MAG filter P/N 04-6700015. 5. R&R 12 Spark plugs P/N URHB32E. 6. Cleaned fuel injectors. I certify that this engine has been inspected in accordance with (annual) inspection and was determined to be in airworthy condition. A/P 2796210291/A Richard Booze MissoPK Make: Coma Hoobs: (Coma Hoobs: (
	Removed and cut open oil filter, NDN installed new oil filter P/N AA48108-2. Serviced engine with 8 QT of 20/50 Phillips.
	Echota Henderson A&P 4076904
12	
	WWW.STEELAVIATION.COM

N550PK 12-14-2020 Make: Cirrus Hobbs: 1706.2	Eng. S/N: 691836 Model: 10-550-N48 Tach: 1663.3	allations, Inspections, Airworthiness Directives, Special Inspections diffications and Service Bulletins
2. Removed and cut open oil filter Serviced engine with 8 OT of 20/5 3. Checked compressions #17:4 4. Serviced induction air filter 5. C/W AD 20-16-11, crossflow cyl type. Cylinders 1 and 4 modified p 6. Replaced EGT probes on cylind 7. Replace 5 spark plugs with new 8. C/W Tornado Alley ICA 22-6460	#3:64 #5:69 #2:65 #4:70 #6:61 inders. Cylinders 2,3,5,6 were N/A by cylinder er TCM SB 18-08B ers 1 and 5 1004 100 hour inspection guide	
I certify that this engine has been in and was determined to be in airwo	nspected in accordance with (annual) inspection rthy condition.	
Kevin Pierron A&P 3343189IA		
11		
		the street was to be the first three the second
		And the second s
W W W . S T E E	ELAVIATION.COM	
		Secret Development and Control

	-	Time"	Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
rought Forward	Hrs. Min.		Hrs.	Min.				
SC		ION, INC.	Sp	oring City A	viation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988 Engine Logbook Entry			
N550PK Ju Changed oil with 9 qts Pl Tyler J. Olso	ne 9, 2021 and filter, thillips X/C on AP3295	Hobbs: 1, took AOA 20W-50 o			Engine Logbook Entry 687.8 filter, no discrepancies noted. Installed New oil filter (P/N CH48108-1), serviced engine ask checks performed and found satisfactory for return to service.			
N550PK O Changed oi (P/N CH48 service. Ty	ctober 8, 2	021 Hobb took oil sa viced engin AP32951	s:1,763.8]	FLT Hobbs	Engine Logbook Entry s: 1,720.1 t open old filter to check for contaminants—no discrepancies noted. Installed New oil filter LOGDOW-50 oil. Operational and leak checks performed and found satisfactory for return to			
See The se	Salah Salah	-						
•								
	/							

ouons, Airworthiness Directives, Special Inspections, ouilications and Service Bulletins SPRING CPTY N550PK June 25, 2021 Hobbs: 1,734.8 FLT Hobbs: 1.691.1

Removed starter (SkyTec C245T3 S/N 4C3-260949), installed New starter (P/N PL13484 S/N H-V062869), Weight and balance updated this date.

Operational and leak checks performed and found satisfactory for return to service. Tyler J. Olson AP3295167 ENGIN ENGIN REG. I Eng SPRING CITY N550PK December 21, 2021 Hobbs: 1,784.5 FLT Hobbs: 1,740.8 TTE: 1,784.5

Engine Logbook Entry

Performed an annual/100hr inspection IAW FAR 43 Appendix D. The following was accomplished: Removed, cleaned, inspected, tested, gapped, 48/80. Checked and adjusted mag timing, installed New magneto filter (P/N 1396-2). Secured turbo actuator mounting installed New magneto filter, fook AOA sample; cut open old filter to check for contaminants, no derepancies noted. Installed New mounting hardware. Changed oil and checks performed and found to be satisfactory. I certify that this engine has been inspected in accordance with an annual inspection and has been accordance with an annual inspection and has been 16 'dan-uon O 18 SIGOT ES 21 22 Spring City Aviation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988 AVIATION, INC. N550PK July 21, 2022 Hobbs: 1,810.6 FLT Hobbs: 1,766.3 TTE: 1,766.3 N550PK July 21, 2022 Hobbs: 1,810.6 FLT Hobbs: 1,766.3 TTE: 1,766.3

Changed oil and filter, took AOA sample. Cut open old filter to inspect for contaminants—no discrepancies noted. Installed New filter (P/N AVA J. Olson AP3295167

Tyler J. Olson AP3295167

Operational and leak checks performed satisfactory for return to service.

ENGINE MODEL: 10550N46 WORK ORDER: 09812-12-2022



US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER 1 WALLINGFORD RD HANGAR 5 & 6 Danbury, CT 06810 USA Phone: 914-288-808

DATE: 17 February, 2023 A/C TSN: 1832.2 ENG TT: 1788.5 FLIGHTTIME: 1788.5

Engine Entries

*FUEL INJECTOR NOZZLES SERVICE DUE EA 300 HRS OR ANNUALLY PER CIRRUS SR-22 AMM 5-20 CHECKLIST AND TCM SID 05-7 ICA. AND GAMI IP-2001-02.... Cleaned fuel injectors using ultra sonic method.

Secured with new O rings & gaskets, Torqued.

Performed leak check, found none.

All work performed IAW CAT Manual M-0 and GAMI IP-2001-02

- *PROP OVERHAUL OVERDUE AS PER HARTZELL PROPELLER OWNERS MANUAL 115 AND SERVICE LETTER HC-SL-61-61Y DUE EACH 6 YEARS
 OR 2000 HRS WHICHEVER COMES EIRET. PROPERTY DATE OF THE CALLED AND SERVICE LETTER HC-SL-61-61Y DUE EACH 6 YEARS 16 OR 2000 HRS WHICHEVER COMES FIRST.... Removed propeller P/N PHC-J3YF-1RF, S/N FP4413B.
- Installed propeller P/N PHC-J3YF-1RF, S/N FP4413B after overhaul by New England Propeller. *MAGNETO'S DUE FOR 500HR DISASSEMBLY AND INSPECTION AS PER TCM CONTINUED AIRWORTHINESS.... Removed left magneto P/N 18 10-500556-101, S/N D07JA015 and right magneto P/N 10-500556-101, S/N D07DA102.

Installed an overhauled left magneto P/N 10-500556-101, S/N K-12026 and right magneto P/N 10-500556-101, S/N K-120301, with new gaskets. See 8130-3

- Mag to engine timing set to 21.5 degrees BTDC I/A/W TATI ICA.
- *TATI AIRWORTHINESS LIMITATION, ALL ENGINE FLEXIBLE TURBO SYSTEM LINES, 10 YEAR LIFE LIMIT 21 HOSES INSTALLED 2/13... Removed all turbocharger system fluid carrying lines. Installed new replacement type D hoses I/A/W TATI Drawing ETI-G3-7.
- *COMPLY WITH ALL CURRENTLY APPLICABLE TATI MANDATORY AND RECOMMENDED SERVICE BULLETINS, ADVISORIES, LETTERS and ICA 22-6460004 rev. C.... C/W TATI ICA 22-6460004 rev. C. 22

C/W TATI recommended SI08-01Rev.A and Cirrus SA08-03 Crankcase breather tube inspection N/A Per Airwolf Separator Installed.

C/W TATI SI 08-04, Recurring inspection of cabin heat augmenter/ tail pipe assy for induction leaks with no discrepancies noted.

C/W TATI Mandatory Service Bulletin SB09-01 by inspecting turbo manifolds for cracks.

C/W TATI Mandatory Service Bulletin SB10-01. Inspected alt air door hinge pin. No sign of hinge cracking, loose rivets or pin slippage.

C/W TATI Mandatory Service Bulletin SB10-02. Inspected left found and right tail pipe support bracket found no cracks.

C/W TATI recommended SB11-01 rev. A, by inspecting all exhaust slip joints.

C/W TATI recommended SB12-02 by inspecting fuel pump O rings for leakage.

C/W TATI recommended SB11-03 by inspecting all turbocharger supports for wear.

C/W TATI recommended SB11-04 by cleaning both oil supply inlet screens.

All items due again next annual or1888 hrs TT.

*FUEL PUMP O RINGS REQUIRE REPLACEMENT EVERY 5 YEARS/400 HOURS I/A/W TATI SB 12-02... Removed tornado alley turbo fuel pump P/N 23 ETI-SR22-2-11, S/N# 88 Rev/G for Compliance with TATI SB 12-02.

Installed fuel pump P/N ETI-SR22-2-11, S/N 88 after repair. See 8130-3 dated 22 Jan 2023 for details.

Adjusted low side pressures I/A/W CAT MO. Adjusted WOT full fuel flow I/A/W TATI ICA 22-6460004. *CYLINDER #6 COMPRESSION 40/80. MINIMUM ALLOWABLE 44/80... Removed #6 cylinder S/N AC07BB067. 25

Installed an overhauled cylinder assembly P/N CL73.1-232-OH, S/N 81958-02 with all new gaskets and seals.

All work performed I/A/W CAT Standard Practices Maintenance Manual M-0 R1.

- 26 * LEFT & RIGHT TURBO SUPPORT RODS WORN
 - *SUPPORT BRACKETS & BOLTS WORN OUT... Installed 2 new turbocharger support rods and brackets P/N 22-6250005 with new springs P/N LC085H03S.
- Installed new wastegate support brackets P/N 22-625006 with new bolts P/N MS20005-25 and new springs P/N LCO85H03S. 27
- "SLAVE WASTE GATE, KNUCKLE, SPRING & CABLE RETAINER PINS WORN/DUE FOR REPLACEMENT... Removed worn wastegate, knuckle and pins. Installed a new wastegate P/N 22-6150026 2 new gaskets P/N FG120830 A new knuckle clevis P/N 22-560001 with new clevis pins and spring P/N LEM120D03S I/A/W TATI Drawing 22-6460006.

Rigged wastegates I/A/W TATI Report 22-6460007.

- 32 *EIGHT SPARK PLUGS WORN OUT... Installed 12 new Tempest URHB32S spark plugs.
- AD 2023-02-12, SUPERIOR INTAKE VALVES, IS DUE... C/W AD 2023-02-12 by inspecting #6 cylinder intake valve and found a date code of 19438A. 38 No other cylinders are affected
- LEFT TURBOCHARGER IS NOT INDEXED CORRECTLY TO THE TURBINE HOUSING.... Indexed turbocharger body to the turbine housing to correctly Indexed the compressor housing to correctly clear the induction tube from the turbo support rod.

Technicians Who Worked On The Items Listed Above: Bernard Paquette, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 17 February, 2023

SIGNED

Bernard Paquette, A&P: 44540037IA

Work Order: 09812-12-2022

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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
rought Forward		_		and the second	DATE: 20 February, 2023
			ic Eliaht	Aircraft N	A/C TSN: 1832.2 ENG TT: 1788.5 FLIGHTTIME: 1788.5
GINE MODEL: 10550N46	and the same	- 0	IDDUS AUTH	IORIZED SER	VICE CENTER FLIGHTTIME: 1788.5
GINE N/O 689530 G. NO: N550PK	022	1	WALLINGFO	KUKU	
G. NO: N550PK ORK ORDER: 09812-12-20		n	Janhury CT 0	6810 USA	
			Phone: 914-28		Circus SR-22 Aircraft 100hr/Annual
ngine Entries C/W CIRRUS All	RCRAFT S	SR-22 TUR ection chec	BO 100HR/klist, and TA	ANNUAL INS	SPECTION OF ENGINE Engine Inspected using Cirrus SR-22 Aircraft 100hr/Annual 04 continuous airworthiness Rev-C, dated 22 SEP 2011 scheduled maintenance checks 100HR DC SR-22 AMM 5-30.
section-b, renor	IIIca com-				
Secured new P	A48108-2	filter and s	erviced eng	osion and tre	s Phillips 20W-50W X/C oil. eated with LPS-3 I/A/W CMI Manual M-0, 6-4.11.1
Inspected the 1/2 AD's & MSB's c	k thru Bi-V	Veekly 2023	3-4		
AD's & MSB's C Performed satisf	factory grou	und function	nai checks.	with a	in ANNUAL inspection checklist CDC SR-22AMM 5-20, and IAW TCM FORM NO. X30634A ion.
CH5-8 and has I	GINE has b	peen inspec	cted in accor	RTHY condition	on.
CH5-8 and has i	been deter	Timiod to a		and the second s	
echnicians Who Worked O Bernard Paquette	n The Items	Listed Above			111/11/
certify that this Engine has	been approv	ved for return	to service.	1	Work Order: 09812-12-2022
DATE: 20 February, 202	:3	SIGN		K	Printed by EBis 3 (datcomedia.com)
makes on the law production of the same		Berna	rd Paquette, I	44540037IA	
Late Constitution of the C					
FLICHIE MODEL I	OSSONIA				DATE: 21 April, 2023
ENGINE MODEL: IC ENGINE SIN: 68953 EGG. NO. NS-50M2	30	To Philip	R.P.I		ft Maintenance DATE: 21 April, 2023 A/C TSN: 1850.4 SERVICE CENTER ENG TT: 1802.9
	30	THE PARTY	CIRRUS	AUTHORIZED S	A/C TSN: 1850.4
ENGINE S/N: 68953 REG. NO: N550PK	30	THE PARTY	CIRRUS 1 WALLI HANGAF Danbury,	AUTHORIZED S	A/C TSN: 1850.4 SERVICE CENTER
ENGINE S/N: 68953 REG. NO: N550PK WORK ORDER: 09: Engine Entrie	30 867-04-2023 S	пон	CIRRUS 1 WALLI HANGAF Danbury, Phone: 9	AUTHORIZED : NGFORD RD R 5 & 6 CT 06810 USA 14-288-8088	AV. TSN: 1850.4 SERVICE CENTER ENG TT: 1802.9 FLIGHTTIME: 1802.9
ENGINE S/N: 68950 REG. NO: N550PK WORK ORDER: 090 Engine Entrie 1 COMPLY Remove	867-04-2023 \$ Y WITH OIL ed and cut of	CHANGE Sopen filter, in	CIRRUS 1 WALLI HANGAF Danbury, Phone: 9 SERVICE E	AUTHORIZED : NGFORD RD R 5 & 6 CT 06810 USA 14-288-8088	SERVICE CENTER A/C TSN: 1850.4 ENG TT: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis.
ENGINE SIN: 6895: REG. NO: N550PK WORK ORDER: 09: Engine Entrie: 1 COMPLY Remove Installee	s WITH OIL ed and cut c	CHANGE Sopen filter, in ed new AA4	CIRRUS 1 WALLI HANGAF Danbury, Phone: 9 SERVICE E spected filter. 8108-2 filter.	AUTHORIZED S NGFORD RD R 5 & 6 CT 06810 USA 14-288-8088	SERVICE CENTER A/C TSN: 1850.4 ENG TT: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis.
ENGINE SIN 6895: REG. NO: N550PK WORK ORDER: 09: Engine Entrie 1 COMPLY Remove Installer Service	s WITH OIL ed and cut c d and Torqu d engine wi	CHANGE S ppen filter, in ed new AA4 th 7 qts Phill	CIRRUS 1 WALLI HANGAF Danbury, Phone: 9 SERVICE E ispected filter 8108-2 filter. lips Type A 10	AUTHORIZED S NGFORD RD 8 5 & 6 CT 06810 USA 14-288-8088 ngine warmed , no metals no	A/C TSN: 1850.4 SERVICE CENTER ENG TT: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis.
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ENGINE SIN: 6895. REG. NO: NS50PK WORK ORDER: 09 Engine Entrie: 1 COMPLY Remove Installed Service Complied Technicians Who W Ludwig Hellstrom The work performed	\$67-04-2023 \$ If WITH OIL ed and cut of and forquid engine will divid with 50HR (orked On The label of the paper)	CHANGE S ppen filter, in ed new AA4 th 7 qts Phill R Engine serr e Items Listed	CIRRUS 1 WALLI HANGAR Danbury, Phone: 9 SERVICE E Isspected filter 8108-2 filter. Iips Type A 10 vice I/A/W C/ Above:	AUTHORIZED S NGFORD RD 8 5 & 6 CT 06810 USA 14-288-8088 ngine warmed , no metals no	A/C TSN: 1850.4 SERVICE CENTER ENG TT: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis.
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ENGINE SIN: 6895. REG. NO: NS50PK WORK ORDER: 09 Engine Entrie: 1 COMPLY Remove Installed Service Complied Technicians Who W Ludwig Hellstrom The work performed	\$67-04-2023 \$ If WITH OIL ed and cut of and forquid engine will divid with 50HR (orked On The label of the paper)	CHANGE S ppen filter, in ed new AA4 th 7 qts Phill R Engine sen	CIRRUS 1 WALLI HANGAA Danbury, Phone: 9 SERVICE E sispected filter. 8108-2 filter. lips Type A 10 vice I/A/W C/ Above: urn to service. SIGNED:	AUTHORIZED S NOFORD RD 15 8 6 CT 05810 USA 14-288-8088 ngine warmed 1, no metals no 00AD oil Add 1	A/C TSN: 1850.4 ENG TT: 1802.9 FLIGHTTIME: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis. It pint Avblend. 6-4.3 & CAT M-O, Performed ground run, no leak.
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ENGINE SIN: 6895. REG. NO: NS50PK WORK ORDER: 09 Engine Entrie: 1 COMPLY Remove Installec Service Compliee Technicians Who W Ludwig Hellstrom The work performed	\$67-04-2023 \$ If WITH OIL ed and cut of and forquid engine will divid with 50HR (orked On The label) and has been applied.	CHANGE S ppen filter, in ed new AA4 th 7 qts Phill R Engine sen	CIRRUS 1 WALLI HANGAA Danbury, Phone: 9 SERVICE E sispected filter. 8108-2 filter. lips Type A 10 vice I/A/W C/ Above: urn to service. SIGNED:	AUTHORIZED S NOFORD RD 15 8 6 CT 05810 USA 14-288-8088 ngine warmed 1, no metals no 00AD oil Add 1	AC TSN: 1850.4 ENG TT: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis. It pint Avblend. 6-4.3 & CAT M-O, Performed ground run, no leak. Work Order: 09867-04-2023
ENGINE SIN: 6895. REG. NO: NS50PK WORK ORDER: 09 Engine Entrie: 1 COMPLY Remove Installec Service Compliee Technicians Who W Ludwig Hellstrom The work performed	\$67-04-2023 \$ If WITH OIL ed and cut of and forquid engine will divid with 50HR (orked On The label) and has been applied.	CHANGE S ppen filter, in ed new AA4 th 7 qts Phill R Engine sen	CIRRUS 1 WALLI HANGAA Danbury, Phone: 9 SERVICE E sispected filter. 8108-2 filter. lips Type A 10 vice I/A/W C/ Above: urn to service. SIGNED:	AUTHORIZED S NOFORD RD 15 8 6 CT 05810 USA 14-288-8088 ngine warmed 1, no metals no 00AD oil Add 1	A/C TSN: 1850.4 ENG TT: 1802.9 FLIGHTTIME: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis. It pint Avblend. 6-4.3 & CAT M-O, Performed ground run, no leak. Work Order: 09867-04-2023
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ENGINE SIN: 6895. REG. NO: NS50PK WORK ORDER: 09 Engine Entrie: 1 COMPLY Remove Installed Service Complied Technicians Who W Ludwig Hellstrom The work performed	\$67-04-2023 \$ If WITH OIL ed and cut of and forquid engine will divid with 50HR (orked On The label) and has been applied.	CHANGE S ppen filter, in ed new AA4 th 7 qts Phill R Engine sen	CIRRUS 1 WALLI HANGAA Danbury, Phone: 9 SERVICE E sispected filter. 8108-2 filter. lips Type A 10 vice I/A/W C/ Above: urn to service. SIGNED:	AUTHORIZED S NOFORD RD 15 8 6 CT 05810 USA 14-288-8088 ngine warmed 1, no metals no 00AD oil Add 1	AC TSN: 1850.4 SERVICE CENTER ENG TT: 1802.9 FLIGHTTIME: 1802.9 It to operating temperatures, drained oil, Extract oil sample for analysis. It pint Avblend. 6-4.3 & CAT M-O, Performed ground run, no leak. Work Order: 09887-04-2023

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

Engine Service and Maintenance Record

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

ENGINE MODEL: 10550N46 ENGINE S/N: 689530 REG. NO: N550PK WORK ORDER: 09978-10-2023



US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER 1 WALLINGFORD RD HANGAR 5 & 6 Danbury, CT 06810 USA Phone: 914-227-6440

DATE: 09 October, 2023 A/C TSN: 1886.5 ENG TT: 1834.4 FLIGHTTIME: 1834.4

Engine Entries

COMPLY WITH OIL CHANGE SERVICE... Engine warmed to operating temperatures, drained oil, Extract oil sample for analysis. Removed and cut open filter, inspected filter, no metals noted. Installed and Torqued new AA48108-2 filter. Serviced engine with 7 qts Phillips 20W-50X/C oil.Add 1 pint Avblend.

Complied with 50HR Engine service I/A/W CAT MM M-16 6-4.3 & CAT M-O, Performed ground run, no leak.

Technicians Who Worked On The Items Listed Above: Bernard Paquette, Ludwig Hellstrom, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 09 October, 2023

Bernard Paquette, A&P: 44540037#

Work Order: 09978-10-2023

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ENGINE MODEL: 10550N46 ENGINE S/N: 689530 REG. NO: N550PK WORK ORDER: 10065-02-2024



US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER 1 WALLINGFORD RD HANGAR 5 & 6 Danbury, CT 06810 USA Phone: 914-227-6440

DATE: 07 March. 2024 A/C TSN: 1895.1 ENG TT: 1840.1 FLIGHTTIME: 1840.1

Engine Entries

C/W CIRRUS AIRCRAFT SR-22 TURBO 100HR/ANNUAL INSPECTION ON ENGINE... Engine Inspected using Cirrus SR-22 Aircraft 100hr/Annual maintenance manual inspection checklist, and TATI 22-6460004 continuous airworthiness Rev-C, dated 22 SEP 2011 scheduled maintenance checks 100HR section-B, Performed satisfactory pre-inspection run up IAW CDC SR-22 AMM 5-30.

Secured new AA48108-2 filter and serviced engine with 8 Qts Phillips 20W-50W X/C oil.Add 1 pint avblend Inspected the 1/2 inch cylinder flange nuts for corrosion and treated with LPS-3 I/A/W CMI Manual M-0, 6-4.11.1 AD's & MSB's ck thru Bi-Weekly 2023-4

Performed satisfactory ground functional checks.

I certify this ENGINE has been inspected in accordance with an ANNUAL inspection checklist CDC SR-22AMM 5-20, and IAW TCM FORM NO. X30634A CH5-8 and has been determined to be in AIRWORTHY condition.

MAX RPM IS 2680 SPEC IS 2700... Adjusted propeller governor low pitch stop out 3/4 turn I/A/W SR22 MM 21-60.

COMPLY WITH ALL CURRENTLY APPLICABLE TATI MANDATORY AND RECOMMENDED TATI SERVICE BULLETINS, ADVISORIES AND LETTERS... C/W all applicable TATI service bulletins and letters C/W TATI MSB10-02 Inspected left and right tail pipe support brackets, found no cracks.

C/W TATI SI 08-04, Recurring inspection of cabin heat augmenter/ tail pipe assy for induction leaks with no discrepancies noted.

Cleaned induction air filter IAW TATI SI08-05 Rev A

C/W TAT MSB10-01 Alt Air Door and hinge inspection, found no discrepancies

C/W TATI SB08-02 alignment of the PRV/Y tube during installation.

C/W TATI Mandatory Service Bulletin SB09-01 by inspecting turbo manifolds for cracks.

C/W TATI Mandatory SB12-02 my inspecting mixture shaft for leakage. None noted.

C/W TATI recommended SI11-01 Exhaust slip joint maintenance

C/W TATI recommended SI11-3 Inspection of turbo supports

C/W TATI recommended SB11-04 by cleaning both oil supply inlet screens.

C/W TATI Mandatory SI20-01 by inspecting turbocharger check valves and torqueing correctly.

#5 EXHAUST ROCKER COVER GASKET IS LEAKING ONTO THE TURBOCHARGER... Removed #rocker cover. 16

Removed old gasket Prepared mating surfaces. Installed new Exhaust Rocker Cover gasket P/N APS-655705-S.

Installed rocker cover

#3 CYLINDER TANIS HEATER CLAMP MISSING RUBBER PROTECTOR.... Removed and replaced #3 Cylinder TANIS Heater Adel Clamp P/N MS21919WDG3

Technicians Who Worked On The Items Listed Above: Bernard Paquette, Ludwig Hellstrom, Mike Szawiola, SCOTT SPLETZER

The work performed has been accomplished with reference to current, applicable and approved FAA data, has been inspected, tested, found to be in airworthy condition and has been approved for rerturn to service.

DATE: 07 March, 2024

Work Order: 10065-02-2024

Bernard Paquette, IA: 44540037

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Date	Total	Time	Time	Since	Engine Service and Maintenance Description			Date
			Last O	verhaul	lastellations laster Alice Milliante Hance Record			
	Hrs.	Min.	Hrs.	Min.	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	_		
					Thousand and GST FICE Building	(7)		Brought Forward
MAKE: Cirros		US Flic	ght Aircra	ft Mainte	nance			Dioag
MODEL: SR-22TN S/N: 2525		CIRRUS	AUTHORIZED		NTER A/C TSN: 1902 5			
REG. NO: N550PK WORK ORDER: 10134	-06-2024	HANGAR	NGFORD RD		FLIGHTTIME: 1844.3			
***		Danbury, Phone: 91	CT 06810 US/ 14-227-6440					
Airframe Entries								
1 FUEL FLOW	V FLUCTU	ATING DU	JRING CRU	ISE FLIGHT	Removed faulty fuel flow transducer.			
Operational	lly tested a	nd no leal	ks noted.	13-004, 3/14	Removed faulty fuel flow transducer. 238293. Baffle connectoe bypassed and wiring secured with solder and shrink tubing.			
2 NOSE LANI Installed 6	new shock	R PUCKS discs P/N	S WORN R N AEC-169-3	emoved cot 80098-1. In	ter pin and nut, disassembled and remove worn puck stack. stalled a new rebound bumper P/N 18380-001. All work performed I/A/W SR22 MM chapter 32.		1	
Technicians Who Work Maximilian Fitzgerald. S	ed On The II	ems Listed	Above:		The Hork performed by VV SRZZ MM chapter 3Z.			
			ith reference to	current annli	cable and approved FAA data, has been inspected, tested, found to be in airworthy condition and has been approved for		,	
				/	and approved PVV data, has been inspected, tested, found to be in all worthy condition and has been approved for			
DATE: 20 June, 202	4		SIGNED:		Work Order: 10134-08-2024			
Market and the second	1		SCOTT SPLE	IZER, A&P: 3	402681 Printed by EBis 3 (datcomedia.com)			
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