



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

Production Certificate 508

Printed:

06/15/2009

Test Date:

06/13/2009

This engine model I0550N60B, serial number 1000537 was manufactured 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.

Date	Tota	l Time	Time Last C)Verrido:	Engine Service and Maintenance Recording Installations, Inspections, Airworthiness Directives, Special Inspection	ns,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
10.4 52	2	-8				
10 Aug 2007	d	-8			TO THE TYPE CERTIFICATE	
	-				THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE	_
				-	NUMBER HAS BEEN INSTRUBES SE10589SC	_
					CDC on 10 /Aug/2003 Cirrus Design Corporation Duluth, MN USA	
					Cirrus Design Corporation Dulum, 1911	
					PC# 338CE	
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		1		,	AIRCRAFT REG: N709AA DATE: 12/14/09	
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			一こ	$\mathcal{X}_{\mathcal{C}}$	MODEL 10-00011	
	F	wa	tion	~ *	TSMOH:	
				n no standail	HOUR METER: 118.8 TSMOH: I and removed filter. Cut open filter no element were noted. Perform Cirrus 50 ance Manual CH: 5-20 by inspecting engine for leaks, chafing on the wires, and the company of Aprophell 15W/50 replaced oil filter PN: CH48108-1. Visual Inspected oil line	
	_					
	- current r	contation	s of the H	-ederal Aviati	or appliance identified above was repaired and inspected in accordance with ton Administration and is approved for return to service. Pertinent details of on under work package no. P2208	
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Date		Tota	l Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	- 1	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forw	rard -		-			
	#1450 154615 456-7 90-456 1,6714	IE MODEL 8 5/N 100 01 709AA ORDER 04-2010	00537		Repair State 4514 Taylor Duluth, MN	
T.	(10) inhi particulal Cimus SI	te inspecto R22 AMM	ne oil and fill	er, checked so) Complied wi	atistactory H	P/N 50857-001 Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed Performed operational and leak checks with satisfactory results. All work was accomplished IAW Alley Turbo Service Instructions TAT SI08-01 Rev A Oil-Breather Fitting Inspection/Cleaning. Due
	was ronal	red/inspec	ted in accor-	dance with cu	irrent require	wing discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified ements of the Federal Aviation Administration and is approved for return to service. Pertinent CRS YD5R855Y
	DATE: 4	/30/2010		SIGNI	eoursiere	Work Order: 13571-04-2010 Printed by EBis 3 (datcomedia.com)
	1	1	1	Certified	Repair Statio	tion No YD5R855Y
						Montgomery County Solution
		+-	-		THE RESERVE TO THE PERSON NAMED IN	og Entry
				_	EG# /O#	N700AA MFG TCM MODEL IO-550-N S/N 1000537 10527 Hobbs 234.4 Flight 192.5
		1		D.	ATE	06/2/10
				- 2. - 3.	C/V Tes	ompleted Cirrus/TCM 200 Hour Maintenance Interval. W SID97-3, no adjustments needed. est run good, no leaks. CYLINDER COMPRESSIONS M.O# 43 1 2 3 4 5 6 68/80 65/80 72/80 60/80 60/80 65/80
	-			- Autho	those item orthy. No c rized Sign se # / Type	ms specified in the Work Order have been inspected and found to be other representation concerning Airworthiness is expressed or implied. mature January
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Time Since **Total Time** Date Last Overhaul Min. Hrs. Min. Hrs. Brought Forward

Engine Service and Maintenance Record

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





/ "					1 10 550 N
Engine Lo	N709AA	MFG	TCM	MODEL	IO-550-N
REG#	N/09AA		240.5	FLIGHT	203.1
WO#	10902	HOBBS	249.5		1000537
DATE	09/07/10			S/N	

Completed an Annual Inspection.

C/W SID 97-3E, No adjustments needed. C/W Turbo Alley Sl08-01 Rev A. Due again in 50 Hours.

Completed Post Inspection Run-up. Operational, Leak and Flight check

CYLINDER	COMPRE	SSIONS	M.O# 43	-	6
1	2	3	4	3	68/80
69/80	66/80	72/80	74/80	62/80	08/80

I certify that this Engine has been inspected IAW an Annual Inspection and was determined to be in airworthy condition. Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.

Authorized Signature_ License # / Type UPAMAOS80





Engine Log	g Entry		TCM	MODEL	IO-550-N
· REG#	N256AW	MFG	TCM	MODI	
KLO#			207.2	FLIGHT	248.5
WO#	10902	HOBBS	307.3	1 Elem	1000527
WON				S/N	1000537
DATE	08/29/11				

Completed an Annual Inspection I.A.W FAR43 Appendix D.

Drained Oil and changed Filter. Serviced Engine with 8 Exxon 20W50.

C/W SID 97-3E, No adjustments needed.

C/W Turbo Alley SI08-01 Rev A. Due again in 50 Hours.

Completed Post Inspection Run-up. Operational, Leak and Flight check good.

CYLINDER COMPRESSIONS M.O# 43

CYLINDER	COMPRE	3310115		=	6
1	2	3	4	5	0
70/90	67/80	70/80	66/80	71/80	65/80
70/80	07780	70.00			

I certify that this Engine has been inspected IAW an Annual Inspection and was determined to be in airworthy condition. Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.

Authorized Signature_ License # / Type__

Date Total		otal Time			Engin	e Servi	ce an	d Main thiness Dire	Maintenance Record ess Directives, Special Inspections,		
	Hrs.	Min.	Hrs.	Min.	Installation Modification	ns and Sen	ice Bulleti	ns Dire	cuves, speci	al inspections	6,
ght Forward		-									_
		1	Eag	ST EC	Jast SERVICE, INC.	Cessna, E 2580 SE A Stuart, FL	eech, Pipe viation Wa 34996 PH	rized Service or Piston Sing or Ste 102 (772) 781-06 onservice.co	les & Twins		
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(Tailpipe hai	ith <mark>SB 2X</mark> -	kets) by in:	stallation of	new hange	E massive electers on LH and I Hinge pin has	RH sides Fo	and TATI SE	3 10-01 (Alterna	SB 10-02 RevB ate Air Door Hin ue at annual	ge	
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DATE: 4/27/2	012	,	SIGNED:	We	le Sen	un,			Work Order	: 0308	
ENGINE MODE ENGINE S/N: REG. NO: 256A WORK ORDER	W	4511 Ed Addison	P Aviatio Idie Rickenb , TX 75001 972-977-140	acker					ENG T	/27/2012 N: 338.6 T: 338.6 BBS: 436	1
Engine Entr	ries			_							
Drained oil. Co	llected oi	il sample a CH48108-	nd forward	ed to Black I engine wit	stone Labs for th 8 quarts Phi	analysis. Ren llips 20W50. R	oved oil filte an engine, n	er and opened, no leaks noted	, no metal noted	1.	
	112	S	GNED: /	Vil	Sans	m It			Work Orde		
DATE: 11/27/20								Printed by EB	is 3 (datcomed	ia.com)	
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EG No: 256	AW 50N	_	l	I			P I	LANE		R T!	
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EG No: 256 ngine Model: IO5 ngine S/N: 1000	50N 0537 9 r P/N 653 MM and	5932E S/ Continen	N S-3181 tal Mainta	and sent t	o Sal's Aircra			al. Reinstalle	15841 Add Addison,	dison Road TX 75001	

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Model: 10-550-N(60)B

S/N: 1000537

N256AW

Cirrus SR-22

TTIS: 415.9 S/N: 3465

Hour Meter: 508.5

Date: 6/7/2013

Complied with a 100 hour Inspection referencing the Cirrus Design SR 22 AMM, chapter 5 20 and 5 30 checklists. Compressions as follows:1)60/80, 2)72 /80, 3)54/80, 4)65/80, 5)68/80, 6)73/80, Master Orifice 44/80. Drained oil. Collected oil sample and forwarded to Blackstone Labs for analysis. Removed oil filter and opened, no metal noted. Installed new filter, P/N CH48108-1. Serviced engine with 8 quarts Phillips XC 20W50. Ran engine, no leaks noted. Complied with the following Tornado Alley Turbo, Inc. bulletins/instructions SI11-03 (Turbo Support Assemblies)annual recurring inspection, SI11-01(Slip Joint Insp.) 50 hr recurring inspection, SI08-05(Air Filter Recharge)100 hour/Annual recurring inspection, SI08-04(Heat Augmenter Insp.)50 hr recurring inspection, SI08-01 (Breather Discharge Tube Cleaning/Inspection) 50 hr recurring inspection, SB11-04(Oil Inlet Screen) annual recurring inspection, SB11-02(Fuel Pump Mixture Shaft Seal Leak)50 hr and annual recurring inspections, SB10-02(Tailpipe Hanger Insp.)100 hour recurring inspection, SB10-01(Alternate Air Door Hinge Insp.)annual recurring inspection and SB09-01(T/C Mount Flange Crack Insp.)50 hour recurring. Installed new turbocharger Vee Band clamps, P/N 9956t-0339 on LH and RH sides. Removed existing #1 alternator and replaced with new P/N ES-10024, S/N H-M111969, ops checks good. Installed a new magneto pressurization filter, P/N 04-6700015. Removed existing magnetos. Installed overhauled/exchange LH and RH magnetos, P/N's 10-500556-101, S/N's D09EA019 and D09EA011 respectively after overhaul/500 hr inspection by Quality Aircraft Accessories, Inc. on W.O.'s WO1170008173.002 and WO117008173.001. Set magneto-to-engine timing, Ops and leak checks good. At the A/C compressor drive assy, installed new drive isolators at all positions.

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

REG No:

256AW

Engine Model: IO550N

Engine S/N: Engine TT:

1000537

478.6

A/C TSN: 478.6

HOBBS: 478.6

PlaneSmart Aviation 15841 Addison Road Addison, TX 75001

Engine Entries:

Complied with Annual inspection IAW the Cirrus Design SR-22T AMM, chapter 5-20 &5-30 checklist. Compressions as follows: 1)70/80 2)74/80 3)69/80 4)78/80 5)60/80 6)75/80. Master Orifice: 46/80. Removed, cleaned, inspected and reinstalled all sparkplugs. Removed, cleaned, inspected, and reinstalled all fuel injectors and new gaskets and o-rings P/N 640612, P/N X1473, and P/N 630979-9. Drained oil, collected oil sample and sent to Blackstone Labs for analysis. Removed oil filter and opened, no metal found. Installed new oil filter, P/N AA48108-2 and serviced with 8 quarts of Phillips Victory 100AW. Checked fuel flow IAW SID 97-3E, adjusted manifold pressure and fuel flow as necessary. Performed engine run up, no leaks found.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. 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

live. Sorden

IA349401

Date:

ENGINE MODEL:

REG. NO: N256AW WORK ORDER: 115218

Clear Star Clear Star Aviation

Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376

DATE: 11/30/2015 A/C TSN: 527 ENG TT: 78.2 FLIGHTTIME: 527

Engine Entries

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30..The cylinder compression was checked with the following results: #1, 66/80 #2, 72/80 #3, 62/80 #4, 74/80 #5, 66/80 #6, 70/80 psi. Master orifice 43/80. The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories..Replaced all spark plugs with Tempest P/N:URHB32E..Adjusted magneto to engine timing to 22°.Replaced LH fwd exhaust shield..Replaced garlock seal at A/C shaft..Installed next size up pins on slave waste gate..Installed R/H exhaust manifold after repair..Performed engine set-up IAW CMM...Installed new engine air intake "Y" chafe pad.Replaced all rocker box cover gaskets..Installed new intake clamp

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy with a 100HR inspection and was determined to be in airworthy condition. 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 e. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. Federal Aviation Administration and is approved for return to ser

DATE: 11/30/2015

SIGNED:

May, Kevin Certified Repair Station No. Work Order: 115218

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Engine Service and Maintenance Record Time Since Total Time Date Installations, Inspections, Airworthiness Directives, Special Inspections, Last Overhaul Min Hrs. Min. Modifications and Service Bulletins DATE: 01-10-2017. ENG: iO-550N(60B). Brought Forward ENG S/N: 1000537. REG. #: N256AW. A/C S#: 3465. FLIGHT: 560.1 Hrs. (Hobbs: 681.6 Hrs.) Performed Engine 100hr inspection I.A.W. F.A.R. Part 43, Appendix D. Engine compression checks as follows: #5. #2. M.O. #1 #3. 60/80. 60/80 60/80. 62/80. 51/80. 45/80 Drained engine oil, took Blackstone oil sample, removed engine oil filter, inspected oil filter media for contaminants with none found, installed new oil filter Champion P/N:CH48108-1 & safetied, replenished engine with 7qts of Phillips 20W 50 engine oil; Serviced all engine fuel injector nozzles, & re-installed in proper location; Performed engine fuel system functional inspection & adjustments; Lubricated throttle, mixture, & propeller governor control cable rod-end linkages; Adjusted left & right magneto to engine timing to specification, Replaced left and right magneto ignition harness with new PN: 10-423674-33; Performed all Recurring Tornado Alley Turbo Mandatory Service Bulletin Inspections- SB10-01, SB10-02, SB12-02 & SB09-01; Owner/Operator declined all TATI Recommended Service instructions and Service bulletins- SIO8-01 Rev A, SIO8-04, SIO8-05 REV A, SI11-01 REV A, SI11-03, & SB11-04; All other applicable engine service bulletins & airworthiness directives were found in compliance at the time of inspection; All work performed using T.C.M. M-16 M.M, T.C.M. FI-2, SID97-3G, Tornado Ally Turbo 22-6460004, & Cirrus (SR22) A.M.M. as reference for scope of maintenance tasks. Details of work performed under Tidal Aviation W.O.# N256AW-20160198; Engine & components operational & leak checks satisfactory for return to service. Ezeguiel Russian. A&P #: 3845964. ENG: 10-550N(60B). DATE: 1-10-2017 ENG S/N: 1000537. REG. #: N256AW FLIGHT: 560.1Hrs. A/C S#: 3465. (Hobbs: 681.6 Hrs.) I certify an Annual Inspection was performed I.A.W. the requirements of FAR 43 Appendix D, and this Engine is approved for return to service; All applicable Airworthiness Directives were found in compliance at time of inspection; Details of work performed under Tidal Aviation W.O.# N256AW-20160198 SCOTT ARMS FRONG. A&P #: 2817974 I.A ENGINE MODEL: **Clear Star Aviation** DATE: 5/11/2017 IO-550-N(60B) A/C TSN: 620.4 ENGINE S/N: 1000537 Repair Station No. 5CSR009B ENG TT: 620.4 FLIGHTTIME: 620.4 REG. NO: N256AW 4765 Frank Luke Dr Addison, TX 75001 WORK ORDER: 200632 Phone: 972-267-2376 **Engine Entries** The oil and filter was changed and serviced with 7 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories..installed new L/H exhaust manifold p/n 22-6850011 This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. DATE: 5/11/2017 SIGNED: Work Order: 200632 Longaker, Doug Printed by EBis 3 (datcomedia.com) Certified Repair State ENGINE MODEL: DATE: 11/29/2017 **Clear Star Aviation** IO-550-N(60B) A/C TSN: 710.8 Repair Station No. 5CSR009B ENGINE S/N: 1000537 ENG TT: 710.8 FLIGHTTIME: 710.8 REG NO N256AW 4765 Frank Luke Dr Addison, TX 75001 WORK ORDER: 200909 Phone: 972-267-2376 **Engine Entries** Removed, cleaned, and insp. spark plugs..Adjusted low side fuel pressure, idle and idle mixture. Performed engine run, OK. This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. DATE: 11/29/2017 SIGNED: Work Order: 200909 Longaker, Doug Printed by EBis 3 (datcomedia.com)

Certified Repair Station No.

Engine Service and Maintenance Record Date Total Time Time Since Installations, Inspections, Airworthiness Directives, Special Inspections, Last Overhaul Modifications and Service Bulletins Min. Hrs. Min DATE: 7/3/2017 A/C TSN: 638.6 ENG TT: 638.6 **Brought Forward** Clear Star Aviation ENGINE MODEL FLIGHTTIME: 638.6 ID-550-N(60B) Repair Station No 5CSR009B ENGINE S/N 1000537 REG NO N256AW 4765 Frank Luke Dr Addison, TX 75001 WORK ORDER 200698 Phone 972-267-2376 Removed and reinstalled fuel pump P/N ETI-SR22-2-12 S/N GP5543 after overhaul, performed fuel flow setup IAW SID97-3, ops/leak check satisfactory. This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. Work Order: 200698 SIGNED: Printed by EBis 3 (datcomedia.com) DATE: 7/3/2017 Longaker, Doug (N) 5CSR009B Certified Repair State DATE: 9/19/2017 A/C TSN: 670 **Clear Star Aviation** ENGINE MODEL: IO-550-N(60B) ENG TT: 670 FLIGHTTIME: 670 Repair Station No. 5CSR009B ENGINE S/N: 1000537 REG. NO: N256AW 4765 Frank Luke Dr Addison, TX 75001 WORK ORDER: 200820 Phone: 972-267-2376 The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories. This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. Work Order: 200820 SIGNED: Printed by EBis 3 (datcomedia.com) DATE: 9/19/2017 Longaker, Doug No. 5CSR009B Certified Repair Station DATE: 12/9/2017 A/C TSN: 725.1 ENG TT: 725.1 FLIGHTTIME: 725.1 **Clear Star Aviation** ENGINE MODEL: IO-550-N(60B) Repair Station No. 5CSR009B ENGINE S/N: 1000537 REG. NO: N256AW 4765 Frank Luke Dr Addison, TX 75001 WORK ORDER: 200933 Phone: 972-267-2376 **Engine Entries** The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories. This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. Work Order: 200933 SIGNED: DATE: 12/9/2017 Printed by EBis 3 (datcomedia.com) Longaker, Doug Certified Repair Station No. 5CSR009B DATE: 1/10/2018 A/C TSN: 733.6 ENGINE MODEL: **Clear Star Aviation** ENG TT: 733.6 IO-550-N(60B) Repair Station No. 5CSR009B ENGINE S/N: 1000537 FLIGHTTIME: 733.6 4765 Frank Luke Dr Addison, TX 75001 REG. NO: N256AW WORK ORDER: 200950 Phone: 972-267-2376 **Engine Entries** Installed fuel pump P/N ETI-SR22-2-12 S/N GP5543 after bench test..Removed and installed all upper deck reference lines and injectors using new gaskets and seals. This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Work Order: 200950 SIGNED: DATE: 1/10/2018 Printed by EBis 3 (datcomedia.com) Longaker, Doug Certified Repair Statio No. 6CSR009B

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	(after rep 10qts Phi nozzles, ro Aircraft Co AD# 16-16 /N 1366- Gasket on nspected	/ Annua pair), #6 2 Ilips X-C e-install ylinders 6-12 & 1 1 gasket left turk and/or r	76/80, Cha 20W50, Ir using new under WC 4-05-28 no ts, Install no ocharger, repaired in	on performange oil an estalled new P/N MS2 0# S-5349, ot applicationew P/N 1: Install new accordant	respectively. The second secon
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ENGINE MO 10-550-N(60 ENGINE 5/M REG. NO: N2 WORK ORDI	B) 1: 1000537 2:56AW ER: 201125 ntries	Repa 4765 Addis Phone	ar Star A ir Station No. Frank Luke D on, TX 75001 e: 972-267-23	5CSR009B 0r 1 876	DATE: 4/11/2018 A/C TSN: 792.9 ENG TT: 792.9 FLIGHTTIME: 792.9
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This aircraft/co	omponent is 009B.	determined	to be in airw	ortny conditio	on is ok for return to service. Pertinent details of repair are on file at this Certified Repair
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	and/or	repaired	in accor	dance with	current	Federal Aviation Res	gulations and has be	en determined to be in		
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	installe	cked. I certify this eng	oil filter. Install new P/N 24585 tine has been inspected and/or seen determined to be in airwo	thy condition with	respect to work	_
	Aviation	Regulations and has b	rine has been inspected and/or been determined to be in airwo	reny contains		
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	REG. NO. N2 WORK ORDE	56AVV TV	75001			
	1			AL Mainto	nance Manual Chapter 12-13.	
	Engine Er	itries	N:AC08KA940 to send out for repair I's Aircraft Cylinders work was perfor Illed new support rod sleeves on the	MAN IO-550-N Mainte	aintenance manual chapter 17-3.	
	Removed cy	linder #3 PN:655932A3 Of nder #3 overhauled by Sal	's Aircraft Cylinders work was perior	LH and RH. Ref Torr	aintenance manual chapter 17-3. lado Ally Turbo CAM 22-6460004 08.Adjusted oil pressure to 52 PSI Turbo ICA Manual 22-6460004	
	Operational a	and leak check good.Insta	gate hardware in accordance with T	AT Drawings 22-56500 PM Ref Tornado Ally	Turbo ICA Manual 22-6460004	
	Page 25 Sec	-550 M-0 MM 6-4.10.1.Adj	justed fuel flow to 35.6 GFT at 15.5			_
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IC Er RR W/ En Tro 43/8 331	DATE: 12/14/2 DATE: 12/14/2 NGINE MODEL: 0-550-N(60B) NGINE S/N: 1000537 EG. NO: N256AW ORK ORDER: 201482 Orgine Entries uble shot high CHT # 80. Borescope Compi 7562 Invoice number	Johnson Certified Clear Star Aviatic Repair Station No. 5CSRI 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376 43 Low EGT #3 Cleaned feleted Found Cylinder#3 wr S-5890 dated 02/12/201	ED: Jacob I Repair Station No. 5CSR009B On 009B fuel nozzle Checked probes connected walls to be in poor condition. Sent Cl. 9. Reinstalled cylinder and ran eng	ctors. Compression on ylinder to Sal's aircraf	DATE: 2/13/2019 A/C TSN: 1021.1 ENG TT: 1021.1 FLIGHTTIME: 1021.1 Cyl #3 38/80 PSI MO	_
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	Total Time	Time Since		Envire Service and Maintenance Record							
		Last O		Engine Service and Maintenance Record							
	Hrs. Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins							
rought Forward	-			Modifications and service bulletins							
				FLIGHTSTAR AEROMOTIVE							
	1		1	16111 Addison Road, Suite 100, Addison, TX 75001	-						
	972-866-8814										
	ENGINE LOGBOOK ENTRY N256AW										
	Cirrus SR22 S/N 3465 Hobbs: 1261.9 FLT Hobbs: 1023.2 AFTT: 1032.2 6/07/2019										
	10-550-N60B S/N 1000537 TSN: 1023.2										
	Annual inspection performed, Compressions #1 52/80, #2 50/80, #3 64/80, #4 60/80, #5 70/80, #6 66/80,										
	Change oil and filter cut removed filter no metal found, Serviced with 8qts Phillips 20W50 oil, installed new oil filter P/N AA48108-2 filter, Install new P/N 1396-2 mag air filter, Clean all fuel nozzles and re-install using										
	new.nozzle	and upper	deck MS2	29513-010, SA64062 seals, Clean, gap and test spark plugs, 500 hr. Magneto							
	Inspection/performed at CRS# QYIR334Y under WO# 051251 for left and 051252 for right on 10-500556-101										
	Bendix Magneto's S/N L/H D09EA019, and R/H D09EA011 using new 10-357520 harness gaskets, Install new #1 alternator P/N ES-10024 S/N H-S100680, Install new P/N 657970 alternator belt on #2 alternator										
	and installe	d new MS	28775-228	8 seal on propeller flange, Adjusted takeoff manifold pressure to spec., Install							
	intake clam	ps on #4 &	n/n exnau :#6 intake	ust stack ASSY, Reset #2 EGT probe in stack, Install new P/N MS35842-13 es, Replace fresh air duct to heat muff with Sceet 5, Replace left tailpipe							
	grounding	strap, Gro	und run ar	nd leak checked. I certify this engine has been inspected and/or repaired in							
	with respec	with curre	ent Federa	al Aviation Regulations and has been determined to be in airworthy condition							
			periormed	u.	_						
	doseph L B				_						
	A&P2 22(812			_						
	1 .	Ĭ	1 -	m-							
9/19/2019	1323.7(H)	102	9(F)	Oil placest 100 cale in the Cl 100							
	1,2-3,760	107	1111	Oil change. Log entry in Aircraft Log.							
Malana											
Make: Cirrus Model: SR22				Date: 12/11/2 Hobbs: 13							
	: N256AW / Seria	No: 3465		Flight: 11							
Fact of the				AERO SOLUTIONS							
Engine Serial	No: 1000537										
Engine Serial Engine Log Er											
Engine Serial Engine Log Er	ntry	Serviced w	ith 7ats 20	DW-50 X/C and a new CH48108-1 filter IAW Circus SR22 AMM CH12-10 R Cut oil filter							
Engine Serial Engine Log Er Complied wit open, no defe	ntry h 50hr oil change. ects noted. An oil	Serviced was	ith 7qts 20 taken and	DW-50 X/C and a new CH48108-1 filter IAW Cirrus SR22 AMM CH12-10 B. Cut oil filter is sent to Blackstone Laboratories for analysis. I certify that the work performed to be	in						
Engine Serial Engine Log Er Complied wit	ntry h 50hr oil change. ects noted. An oil	Serviced was	ith 7qts 20 taken and	DW-50 X/C and a new CH48108-1 filter IAW Cirrus SR22 AMM CH12-10 B. Cut oil filter I sent to Blackstone Laboratories for analysis. I certify that the work performed to be	in						
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Engine Serial Engine Log Er Complied wit open, no defer airworthy core	ntry th 50hr oil change. ects noted. An oil ndition.	sample was	taken and	W Airframe Logbook Entry	in						
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Engine Serial Engine Log Er Complied witt open, no defe airworthy cor Cliff Gerber	h 50hr oil change ects noted. An oil ndition. A&P 336052	o N	taken and	W Airframe Logbook Entry	in						
Engine Serial Engine Log Er Complied witt open, no defer airworthy cor Cliff Gerber	th 50hr oil change ects noted. An oil ndition. A&P 336052	0 N.	taken and	W Airframe Logbook Entry 3465	in						
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Date	Total Time	Time	Since	Engine Service and Maintenar	ce Record	4
		Last O	verhaul	Installations, Inspections, Airworthiness Directives, S	Special Inspection	u
	Hrs. Min.	. Hrs.	Min.	Modifications and Service Bulletins	Promo moposotic	3,
Broug Make: Cirrus				/	Date: 9/18/2020	
Model: SR22(TF	V) I256AW / Serial N	lo: 3456		≪CTI	Hobbs: 1470.5	
Engine Serial No:		VO: 3436		AL RO SOLUTIONS	Flight: 1207.1	
Engine Log Entry					2	_
Performed 100hr/	/Annual Inspection	on IAW TCM N	M. Cirrus	SR22 AMM CH5-20 & CH5-30 and TATurbo Manuals 22-6460004 I	CA Complied with	
50hr oil change, se	erviced with 7qts	Phillips 66 20	W-50 X/C	and AA48108-2 oil filter IAW Cirrus SR22 AMM CH12-10 B, cut oil	filter open, no	
				boratories for analysis. Compressions: #1-68/80 #3-72/80 #5-70/8		
				65A1 S/N AC08LA458 and installed overhauled cylinder by Sal's Ai		
				d, new cylinder compression 77/80. Replaced oil tube gasket and check good. Performed dye pen inspection on #3cylinder, suspection on #3cylinder, suspection on #3cylinder.		_
spark plug hole and	injector hole, in	spection prov	ed not to b	be cracked. Checked and timed magnetos to 21.5* as needed. Lu	ibricated all engine	
controls. Removed,	, cleaned, inspec	ted and re-ins	talled all fi	uel injectors with new X1473 gaskets, 640612 rubber washers and	d 630979-9 O-	
				aced slave wastegate with new P/N 22-6150026 with new gasket		_
				e P/Ns MS20392-2C13 pin, MS20392-1C13 pin, FG0120830 clip ar 2001. Complied with TATurbo ICA 10yr flammable fluid carrying I		
Replaced LH wastera	ve wastegate cie ate hardware P/I	vis MS20392-1	C25 pin ar	nd MS24665-134 cotter pin. Replaced oil filter adapter gasket P/	N 649991 with	
new, leak check good	d. Replaced start	ter drive adap	ter gasket	P/N 653470 and starter drive adaptor cover O-ring P/N 630979-	24 with new, leak	
- check good, Remove	d 1" of damaged	case breathe	r hose at e	exhaust and connected after cleaning port. Replaced 3 intake wo	orm gear clamps -	_
with new P/N AN737	TW82. Replaced	all exhaust/tr	urbo suppo	ort brackets and aft bolts P/Ns 22-6250005 bracket, 22-6250006	bracket and	
MS21250-05020 bolts	. Performed gro	ound runs and	engine ad	ljustments as needed, leak/ops check good.		
. I certify that this engin	e has been insp	ected in accor	dance wit	h an 100hr/Annual Inspection and was determined to be in airw	orthy condition at	
this time.//					_	_
/1/21/4/	1 Sta					
Cliff Gerber A&P	3360520 IA					
Cilli Gerber U Agr	3300320 IA	1	1		_	_
1	, ,	,	'			
ENGINE MODEL	CIR	RUS Cirrus	Design		9/24/2020	
ENGINE S/N REG NO N256AV		4961 Airp	•		SN 12075 TT 12075	_
WORK ORDER	V	Duluth M	N 55811	HOBE	TSMOH 3S 1471 2	
TKI0589-09-2020		Priorie 21	8-788-3049)	
_ Engine Entries	5			with CMI Maintenance Manual M-0, chapter 6-31. Compression re-	sults:	
1) 55/90 2) 63/8/	0 3) 72/80 4) 4	4/80 5) 60/80) 6) /0/80	J. Master oritice: 42.		
(20) Adjusted fuel	flow to 37.0 GPI	H per TATI ICA	A. Adjusted	d Idle RPM to 750 per Continental MM M-0 6-4.		
I have reviewed the fill	e on this aircraft an	d the accompan	ying discrep	pancy forms. The aircraft, airframe, aircraft engine, propeller or appliance ide.	ntified	
was repaired/inspecte details of this work ord	ed in accordance wi	th current require	ements of th	he Federal Aviation Administration and is approved for return to service if each	nent	
details of this work ord			Il Station	Work Order: TKI0589-	00 2020	
DATE: 9/24/2020	SIC	GNED:		all friends		
	Jeff	rey Bridges	0	Printed by EBis 3 (datcomed	lia.com)	
	ī	1	1			
			1			
		L&M A	IRCR	AFT INC. ROME, GA 30165		
N256AW Cont	inental IO-	550-N S	N: 100	00537 Flight: 1254.8 February 8, 2021		
Drained oil, rem	loved and in	aspected f	filter, se	erviced with 7 Qts. Phillips X/C 20W-50.		
				urbo Controller. Run and leak checks good		
		-		ice for work performed		
I uka Duan	1 01 to 101	A A	- D D D T Y	ess our linew kassassinan		
Luke Ryan	Lupe	H. Rep	an			
A&P 4394976	3 04.	. 0				
1 1	1	1 1				
		 -				