Logbooks DAMAGED IN Flood 8/4/18

PLATINUM ENGINE LOG BOOK

Only News One Page





CONTINENTAL MOTORS

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Supplemental Type Certificates

Aircraft Registration Number N427KG

Aircraft Make and Model Cirrus SR 22 Turbo

-Aircraft Serial Number 3068

Engine Make and Model Number TCM 10-550-N51

Engine Serial Number <u>691745</u>

Propeller Make and Model Number <u>Hartzell PHC-J3YF-1N</u> Propeller Serial Number <u>FP6736B</u>

STC Holder	STC#	Rev#	Revision Date	Type Certificate Subject	Date/Time Installed	ICA?
Tornado Alley	SA10588SC	y Vari		Engine turbo normalizing system	05/09/2008 FH 001	Yes
Tornado Alley	SE10589SC			Engine turbo normalizing system	05/09/2008 FH 001	Yes
Precise Flight	SA07108SE			Fixed oxygen system	05/09/2008 FH 001	Yes
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Service Bulletin Compliance Record

Aircraft Registration Number **N427KG**

Aircraft Make and Model Cirrus SR 22 Turbo

Aircraft Serial Number 3068

Engine Make and Model Number TCM 10-550-N51

Engine Serial Number <u>691745</u>

Propeller Make and Model Number <u>Hartzell PHC-J3YF-1N</u> Propeller Serial Number <u>FP6736B</u>

Manufac turer	SB#	Rev #	SB Date	SB Subject	Date/Time Accomp	Additional Compliance
	2×-32-19	3		MG busset plate + pw) stut filet well	10/17/12	9101
	2x-21-05			cabin air coupler rigging		·
	24-74-01			Five wire plass.	968.6	
	2x-71-16	++		MOD LH FUND GAFFIE BAST KIT FULLY 2-001	9/23/11	
	2x-21-03			ALL CONDENSET SEXING	481.7	
	2x-32-10	2		RDM module replacement	6 -1 - 11 *	
	x-31-04		T. M.	PHOT HEAT Sensor	481.7 6.161 481.7	2
	2x.42.06	2		ponspective siftume	481.4	
	x-57-13	2		MLG 8.15.M	6-14.13	5 1
	2×-32-19	2		NLG	6.14.13	, t
	2x-28-11	1			6.14.13	2101
	X-32-19	2		NLG	8.15.14	Č.
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PLATINUM ENGINE LOG BOOK



USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, inc.
A Teledyne Technologies Company

Printed: 05/16/2008

This engine model I0550N51, Serial No. 691745 was manufactured on (5) by Teledyne Continental Motors in accordance with approved design data and the requirements of Part 21 of the Federal Aviation Regulation. The approved design desi

TELEDYNE CONTINEN

A TELEDYNE TECHNOLOGIES COL PRODUCTION CERTIFICATE ORS

Hrs. Min. Hrs. Min. Installations, Inspections, Airworthness Directives, Special Inspections, Modifications and Service Bulletins	Date	Tota	l Time		Since Verhaul	Engine Service and Maintenance Record
THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE SE10589SC CICY JULY Design Corporation Duthth, MN USA PC# 338CE Cirrul Design Corporation Duthth, MN USA PC# 338CE Date: 7,30,2008: Aircraft: NA2TKG: Type: CIRRUS; S.N. 3068; Hobbs: 390; Total Time: 31.7* Engine - Type: IOSSONISI, S.N. 8917-85. Time: 31.7 Cirrus 25 hour makers. The serviced with Aeroshell 150/850 of run leak check good, clean bell injectors installed same cylinder pulled cleaned gapped spark plugos compressions at all 7.3 over 80 or better. Check controls, achieust system, mount winning beffiling hoses at 1 battery all good. Compiled with 5.0 Ab 15 and Kelby derespace SR3031 splaced ## 2 attensfor pulley and fine as per SIB. Service advisory 08-11 Kelby aerospace A-131 checked both turbo data siags found both secure. At the time of compliance of Kelby Aerospace Power Systems SILA-131 this aircraft was suppled with a Tornach Alley Turbonnatizing system which contained a part number 460304-0003 utroborharger serial infimetry Kelt.01082 mounted on the left side (plot) of the engine and a part number 460304-0003 utroborharger serial infimetry Kelt.01082 mounted on the left side (plot) of the engine and part number 460304-0003 utroborharger serial infimetry Kelt.01082 mounted on the light side (co-pilot) of the engine. Checked SA 08-14 Hartzell S/B HC-ASB-61-306 propeller serial FP6738B was NOT on list no further action needed. This sircraft, arifframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current PAR's and was found to be airworthy for return to service. Pertinent getalls of the repair are on file at this. Certified Repair Station QEURA46V. MARIE DOMAIN COMPILES DE ARIES SAZ Turbe WELL S/B JOHN ASS AUGUST AND SERVICE DESIGN OF THE ARIES SAZ Turbe SAM ASS AUGUST AND SERVICE DESIGN OF THE ARIES SAZ Turbe SAM ASS AUGUST AND SERVICE DESIGN OF THE ARIES SAZ Turbe S		Hrs.	Min.	Manager 1 -		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Date: 7/30/2008: Aircraft: N427KG; Type: CIRRUS; SIN: 3068; Hobbs: 39/0" Total Time: 31.7" Engine: Type: IOS50NS1, SIN: 691745, Time: 31.7 Cirrus 25 hour maintenance check completed. Replaced RH induction tube to intercoller. Changled oil and filter serviced with Aresibell 10/95/00 into leak check good. clean fuel injectors installight same cylinder pulled cleaned gapped spark plugs. compression test all 73 over 80 or better. Check controls, exhaust system, mount writing building hoses 11 bettery all good. Colleged with SA 00-15 and Kelly Aerrospace SB033 replaced #2 alternator pulley and fan as per \$18. Service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Aerrospace Power Systems A	6/17/08	6	.2			
Date: 7/30/2008: Aircraft: N427KG; Type: CIRRUS; SIN: 3068; Hobbs: 39/0" Total Time: 31.7" Engine: Type: IOS50NS1, SIN: 691745, Time: 31.7 Cirrus 25 hour maintenance check completed. Replaced RH induction tube to intercoller. Changled oil and filter serviced with Aresibell 10/95/00 into leak check good. clean fuel injectors installight same cylinder pulled cleaned gapped spark plugs. compression test all 73 over 80 or better. Check controls, exhaust system, mount writing building hoses 11 bettery all good. Colleged with SA 00-15 and Kelly Aerrospace SB033 replaced #2 alternator pulley and fan as per \$18. Service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing system when the service of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Turbonormaticing of Kelly Aerrospace Power Systems SIL-A-13 this aircraft was equipped with a Tomach Alley Aerrospace Power Systems A						THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE
Date: 7/30/2008. Aircraft: NA2TKG: Type: CIRRUS: S/N: 3068. Hobbs: 39°C; Total Time: 31:7. Engine - Type: IO550N51, S/N: 691745. Time: 31:7. Cirrus 25 hour maintenance techcic completed. Replaced RH induction tube to intercoder. Changed off and filter serviced with Aerosheil 15WSO oil run leak check good. clean fuel injectors uistained same cylinder pulled cleaned gapped spark fugls. compressional ail 73 over 80 or better. Check controls, exhaust system, mount wiring baffling hoses #1 battery all good. Compiled with S do: 15 and Kelly Aerospace S9033 replaced #2 alternator pulley and fan as per S/B; Service advisory 08-11 Kelly serospace A-131 checked both turbo data tags found both secure. At the time of compliance of Kelly Aerospace Power Systems SiL. A-13 checked both turbo data tags found both secure. At the time of compliance of Kelly Aerospace Power Systems SiL. A-13 checked both turbo data tags found both secure. At the time of compliance system which contained a part number 466304-0003 unsochanger, senial number KikCu1082 mounted on the left right side (pictor) of the engine and apart number 466304-0003 unsochanger, senial number KikCu1082 mounted on the left right side (co-pilot) of the engine. Checked SA 08-14 Hartzell S/B HC-ASB-61-306 propeller same 1PF6736B was NOT on list no further action needed. This aircraft, airframe, aircraft engine, propeller, or appliance was repaired and inspected in accoordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this function of the station of CBR-421. Signature: MATKG TACH: 42.1 Signature: MATKG TAC						NUMBER HAS BEEN INSTALLED ON THIS ENGINE
Date: 7/30/2008: Aircraft: N427KG; Type: CIRRUS; S/N: 3068: Hobbs: 39:0' Total Time: 51:7' Engine: Type: IOS50NS1, S/N: 691745, Time: 31:7 Cirrus 25 hour maintenance check completed. Replaced RH Induction tube to intercoder. Changed off and filter serviced with Aeroshell 15W/50 oil run leak check good, clean fuel injectors installed same cylinder, pulled cleaned gapped spark; plugs. compression test all 73 over 80 or better. Check controls, exhaust system. mount with baffling hoses #1 battery all good. Complied with S do 8-15 and Kelly Aerospace SB033 replaced #2 alternator pulled service advisory 08-11 Kelly aerospace A-131 checked both turb data tags found both secure. At the time of compliance of Kelly Aerospace Power Systems SILA-131 this aircraft was equipped with a Tornado Alley Turbonormalizing system which contained a part number 4660304-0003 turbocharger serial midmed KKL0.1083 mounted on the left side (pilot) of the engine and a part number 4660304-0003 turbocharger, serial number KKL0.1083 mounted on the left side (pilot) of the engine. Checked SA 08-14 Hartzell S/B HC-ASB-81-306 propeller serial FP6736B was NOT on list no further action needed. This aircraft, ariframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this. Certified Repair Station QGURA46Y Monaco Air Dututh, LLC - 4538 Ayport Apgroach Rd Duluth, MN 55811 Signature: MAZTIKG TACH: 22.1 SIN 3068 HOBBS: 61.0 MODEL: SR22 Turbo MRRUS MAINTENANCE 50 HR INSPECTION MODEL: SR22 Turbo MRRUS MAINTENANCE 50 HR INSPECTION MODEL: SR22 Turbo MRRUS MAINTENANCE 50 HR INSPECTION MODEL: SR22 Turbo MRRUS MAINTENANCE 50 HR INSPECTION LIVE CARROLL STOCK STATE CARROLL STATE						Call Mar 2 cant
Date: 7/30/2008: Aircraft: N427KG: Type: CIRRUS; S/N: 3068; Hobbs: 39:0; Total Time: 31.7; Engine - Type: IOSSONS1, S/N: 691745, Time: 31.7 Cirrus 25 hour maintenance check completed. Replaced RH induction tube to intercogler. Changled off and filter serviced with Aeroshell 15V/S0 oil run leak check good, clean fuel injectors: installight same cylinder pulled cleaned gapped spark plugs. compression test all 73 over 80 or better. Check controls, exhaust system, mount wirring baffling hoses #1 battery all good. Compled with \$A:08-15 and Kelly Aerospace SB033 replaced #2 alternator pulley and fan as per S/B. Service advisory 08-11 Kelly aerospace A-131 checked both turbs data tags found both secure. At the of compliance of Kelly Aserospace A-131 checked both turbs data tags found both secure. At the of compliance of Kelly Aserospace Power Systems SIL A-131 this aircraft was equipped with a Tomado Alley Turbonormaticing system which contained a part number 460304-0003 turboharger, serial number KKL01082 mounted on the left side (pilot) of the engine and a part number 460304-0003 turboharger, serial number KKL01082 mounted on teh right side (co-pilot) of the engine. Checked SA 08-14 Hartzell S/B HC-ASB-61-306 propeller serial FP6736B was NOT on list no further action needed. This sirroraft, ariframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this Managon Air Dulluth, LLC - 4535 Ayport Agrocach Rd Dulluth, MN 55811 Signature: MA27KG TACH: 42.1 Signature: M						CDC on Ook On Ook
ICSSUNS1, S/N: 691745, Time: 31.7 Cirrus 25 hour maintenance check completed. Replaced RH induction tube to intercooler. Changed off and filter serviced with Aeroshell 15W50 oil run leak check good, clean fuel injectors installed same cylinder pulled cleaned gapped spark plugs. compression test all 73 over 80 or better. Check controls, exhaust system, mount wiring baffling hoses #1 battery all good. Complied with SA 08-15 and Kelly Aerospace SB033 replaced #2 afternator pulley and fan as per S/B. Service advisory 08-11 Kelly aerospace A-131 checked both turbo data tags found both secure. At the time of compliance of Kelly Aserospace Power Systems SiL-A-131 this aircraft was equipped with a Tornado Alley Turbonormatizing system which contained a part number 466304-0003 turbocharger, serial number KKL01082 mounted on the left side (pilot) of the engine and a part number 466304-0003 turbocharger, serial number KKL01082 mounted on the right side (co-pilot) of the engine. Checked SA 08-14 Hartzell S/B HC-ASB-61-306 propeller serial FP6736B was NOT on list no further action needed. This aircraft, ariframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this. Certified Repair Station (GBIR446Y, Monaco Air Duluth, LLC - 4535 Airport Approach Rd Duluth, MN 55811 Signature: NA27KG TACH: 42.1 Signature: NA27KG TAC						
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gapped spark plugs. compression test all 73 over 80 or better. Check controls, exhaust system, mount wiring baffling hoses #1 battery all good. Complied with SA 08-15 and Kelly Aerospace SB033 replaced #2 afternator pulley and fan as per S/B. Service advisory 08-11 Kelly aerospace A-131 checked both turbo data tags found both secure. At the time of compliance of Kelly Aserospace Power Systems SIL.A-131 this aircraft was equipped with a Tornado Alley Turbonormalizing system which contained a part number 466304-0003 turbocharger, serial number KKL01083 mounted on the left side (pilot) of teh engine and a part number 466304-0003 turbocharger, serial number KKL01082 mounted on the left side (pilot) of teh engine checked SA 08-14 Hartzell S/B HC-ASB-61-306 propeller serial FP6736B was NOT on list no further action needed. This aircraft, ariframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent, details of the repair are on file at this. Certified Repair Station Oaltra46Y. Monaco Air Dulutth, LLC - 4535 Airport Approach Rd Duluth, MN 55811 Signature: M427KG TACH: 42.1 Signa	Ci	rrus 25 ho	our mainte	enance che	eck comple	eted. Replaced RH induction tube to intercopler. Changed oil and filter
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side (pilot) of teh engine and a part number 468304-0003 turbocharger, serial number KkL01083 mounted on the left side (co-pilot) of the engine. Checked SA 08-14 Hartzell S/B HC-ASB-61-306 propeller serial FP6736B was NOT on list no further action needed. This aircraft, ariframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this Certified Repair Station Q6UR446Y. Monaco Air Duluth, LLC - 4535 Airport Approach Rd Duluth, MN 55811 Signature: N427KG TACH: 42.1 Signature:	011	City ASE	ospace r	ower Syst	ems SIL-A	-131 this aircraft was equipped with a Tornado Alley Turbonormalizing
NOT on list no further action needed. This aircraft, ariframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current FAR's and was found to be airworthy for return to service. Pertinent details of the repair are on file at this. Certified Repair Station Q6UR446Y. Monaco Air Dulluth, LLC - 4533 Airport Approach Rd Dulluth, MN 55811 Signature: N427KG TACH: 42.1 Signature: N42	393	CELLI ANTINCI	ii contain	eu a part n	iumber 460	J304-0003 turbocharger serial number KKI 01083 mounted on the les
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Certified Repair Station Q6UR446Y. Monaco Air Duluth, LLC - 4535 Airport Approach Rd Duluth, MN 55811 (218) 727-2911 Signature: N427KG TACH: 42.1 Siyn Cystal Lake Drive Siyn 3068 HOBBS: 51.0 MODEL: SR22 Turbo NDAINED WITH 50 HR INSPECTION IAW CIRRUS MAINTENANCE CHECKLIST DRAINED ENGINE OIL, CLOSED DRAIN REMOVED OIL FILTER PN CH48108-1 AND DEALINED SERVICED ENGINE WITH 8 QTS AS 15W50 OIL. DRAINED AND CLEANED GASCOLATOR FUEL FILTER AND BOWL. SERVICED WITH TKS FLUID						
Certified Repair Station Q6UR446Y. Monaco Air Duluth, LLC - 4535 Airport Approach Rd Duluth, MN 55811 (218) 727-2911 Signature: N427KG TACH: 42.1 Sin Acystal Lake Drive Sin 309 R Crystal Lake Drive Sin 309 R Crystal Lake Drive MODEL: SR22 Turbo N427KG TACH: 42.1 Sin 3068 HOBBS: 51.0 MODEL: SR22 Turbo IRRUS MAINTENANCE 50 HR INSPECTION COMPLED WITH 50 HR INSPECTION IAW CIRRUS MAINTENANCE CHECKLIST DRAINED ENGINE OIL, CLOSED DRAIN REMOVED OIL FILTER PN CH48108-1 AND DRAINED DROINE OIL SECTION WITH 8 QTS AS 15W50 OIL DRAINED AND CLEANED GASCOLATOR FUEL FILTER AND BOWL. SERVICED WITH TKS FLUID	This	aircraft, a	ariframe,	aircraft en	gine, prop	eller, or appliance was repaired and inspected in accordance with
Signature: N427KG TACH: 42.1 319 N Oystal Lake Drive Orlando Florida 32803 Tuesday, 26 August, 2008 IRRUS MAINTENANCE 50 HR INSPECTION COMPLIED WITH 50 HR INSPECTION IAW CIRRUS MAINTENANCE CHECKLIST DRAINED ENGINE OIL, CLOSED DRAIN, REMOVED OIL FILTER AND INSPECTED LITER ELEMENT, NO DEFECTS NOTED. INSTALLED NEW FILTER PN CH48108-1 AND AFETY WIRED SERVICED ENGINE WITH 8 QTS AS 15W50 OIL. DRAINED AND CLEANED GASCOLATOR FUEL FILTER AND BOWL. SERVICED WITH TKS FLUID.	Certi	fied Repa	air Station	Q6UR44	6Y.	ly for return to service. Pertinent details of the repair are on file at this
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Date	Total Time	Time Si Last Ove	maui I.	gine Service and Maintenance Record lations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs. Min.	Hrs.	Min. Mod	ications and Service Attended
me de Mary	EMANCE IND MR	NEW CONTRACTOR	TACH 90 3 HO209, 107 3	NA27KG TACH: 269.9 SIN 3068 MODEL: SR22 Turbo NSPECTION IAW CIRRUS MAINTENANCE SERVICED ENGINE WITH 8 QTS AS15W50 OIL FILTER ELEMENT, NO DEFECTS N9-1 AND SAFETY WIRED. DRAINED AND DEFECTS. PAUL, STERN A&P 3078823
ALK SLADO		127KG WARR WARR	TACH: 193.9 HOBBS: 222.7	Tuesday, 20 October, 2009 Tuesday, 20 October,
Thursday, 26 Marc		2 NO	J 10. 0	ENGINE COMPLIED V CHECKLIST REMOVED A NOTED INS CLEANED G LEAK CHECI
Friday 13 Ju Bine No N HECK		MÖDEL SP	AUL STEF 48 P 30 78823 ACH 251.4 HOBBS: 251.4	LIST. NHED RAN AND WICE WICE WICE WICE WICE WICE WICE WICE
RA DO MANA MANA MANA MANA MANA MANA MANA MAN		be	TER TE AS1 AUS PUBLIS TRAUDELIO IA 58225997	NAZTKG TACH: 378.0 SN 3068 HOBBS: 429.2 MODEL: SR22 Turbo INSPECTION ENGINE RRUS MAINTENANCE CHECKLIST ER ELEMENT, NO DEFECTS NOTED. OR-1 AND SASTSW50 OIL, GROUND RAN AND AIRCRAFT RETURNED TO SERVICE CHARLES WILSON AP3114515
Wednesday	TA:	NSPECTIO	TACH: 338.9 PHOBBS: 382.7 WIDO WENGINE PHANCE CHECK NO DEFECTS NO TYWIRED DRA	Aca Mantenance LLC 318 OCYSTAL Labe Drove Orlando Florida 32803 W, 5 May, 2010 INTENANCE 50 HR I TH 50 HR SERVICE IAW CI TH 50 HR SERVICE IAW CI FILTER PIN CH48*IC ERVICED ENGINE WITH 8 D, NO DEFECTS NOTED A CTS NOTED.

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Engine Service and Maintenance Record Date **Total Time Time Since Last Overhaul** Installations, Inspections, Airworthiness Directives, Special Inspections. Hrs. Min. Min. Modifications and Service Bulletins Brought Forward ACA Maintenance LLC 319 N Crystal Lake Dri Orlando Florida 32803 N427KG S/N 3068 TACH: 394 4 HOBBS: 447 4 MODEL: SR22 Turbo Wednesday, 9 June, 2010 100 COMPLIED WITH ANNUAL INSPECTION IAW FAR43.15(C)(2), APPENDIX DUSING CIRRUS 100 HOUR CHECKLIST AS A GUIDE. DRAINED OIL REMOVED OIL FILTER, INSPECTED OIL FILTER ELEMENT, NO DEFECTS NOTED, INSTALL NEW OIL FILTER CH48108-1, SERVICE ENGINE WITH 8 QTS AS15W50 C:L COMPRESSIONS: #1 78/80, #2 76/80, #3 78/80, #4 78/80, #5 76/80, #6 78 30 REMOVED, CLEANED AND INSPECTED SPARK PLUGS, NO DEFECTS NOTED 31 7.70 CLEANED GASCULATOR FILTER AND BOWL. REMOVED AND REPLACED MAG FILTER WITH NEW P/N 1396-2. REMOVED AND REPLACED 2 VBAND CLAMPS WITH NEW P/N 11-1100023. ALL AD'S RESEARCHED THROUGH 2010-11 GROUND RAN AIRCRAFT WITH NO LEAKS OR DEFECTS NOTED Charles WILSON I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND RETURNED TO SERVICE AP3114515IA ENGINE MODEL: ENGINE S/N: REG. NO: N427KG Commander Aero, Inc. Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580 **Engine Entries** (4) Replaced #3 fuel nozzle with one letter size smaller. The aircraft and/or component(s) on N427KG was repaired and inspected in accorda was found Airworthy for return to service with respect to the work performed. Pertinet Order No. 28373-09-2010. DATE: 9/22/2010 SIGNED: Work Order: 28373-09-2010 Kromer, Gary Certified Repair Station No. GA5R-876M Printed by EBis 3 (datcomedia.com) DATE: 1/31/2011 A/C TSN: 435 2 ENG TT: 435 2 FLIGHTTIME: 435 2 ENGINE MODEL: 10550 N Commander Aero, Inc. (51) ENGINE S/N: 691745 Repair Station No. GA5R-876M 10570 Springboro Pike Miamisburg, Ohio 45342 USA Phone: 888-881-5580 REG. NO: N427KG WORK ORDER: 28505-01-2011 Engine Entrices

(1) Removed intercoolers and spark plugs. Installed new spark plugs and replaced intercoolers. Test ran ok (2) Fabricated doubler and installed on aft side left hand engine baffling.... (3) Changed oil & filter. Serviced with 7 qts Aeroshell 15W-50. Cut open filter with no discrepancies noted. Washed down engine and ran for leak check.... (4) Took oil sample. The aircraft and/or component(s) on N427KG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair station under Work Order No. 28505-01-2011. W. DATE: 1/31/2011 SIGNED: Work Order: 28505-01-2011 Kromer, Gary Certified Repair Station No. GA5R-876M Printed by EBis 3 (da 1 23 March DATE: 12/8/2010 ENGINE MODEL: ENGINE S/N: REG. NO: N427KG Commander Aero, Inc. A/C TSN 488.2 ENG TT 488.2 Repair Station No. GA5R-876M 10570 Springboro Pike WORK ORDER: 28466-12-2010 Miamisburg, Ohio 45342 USA Phone: 888-881-5580 **Engine Entries** (1) Removed and reinstalled left and right magnetos after 500 hr inspection. Right mag S/N D08BA291 Left mag S/N D08BA30B Maintenance Release The aircraft and/or component(s) on N427KG was repaired and inspected in accordance with current FARs rules of the Federal Aviation was found Airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this repair second order No. 28466-12-2010. 1

DATE: 12/8/2010

SIGNED:

Kromer, Gary Certified Repair Station No. GA5R-876M

Work Order: 28466-12-2010

Printed by EBis 3 (datcomedia.com)

	Total Tin	and the second s	e Since Overhaul	Engine Service and Maintenance Reco
•	Hrs. M	lin. Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
(51) ENGIN REG. N WORK	NE MODEL: 10550 N NE S/N: 691745 NO: N427KG CORDER:	C	Repair Station No. 10570 Springbor Miamisburg, Ohio	DATE: 4/27/2011
Engil (13) C Visik No det gasket	ed engine and ran fects noted at this	. Cut open and for leak check. time (16) Ro n rocker shaft b	(14) Check ermoved and r olts (17) Ro	filter with no discrepancies noted. Serviced with 7 qts Aeroshell 15W-50. ked operation of both turbo wastegates. Both wastegates open and close fully. replaced pushrod tube seals on #3,#4, and #5 cylinder also replaced all exhaust Removed right turbo drain fitting, cleaned surfaces, and installed new gasket.
	ance Release	14.		
**************************************	craft and/or componer nd Airworthy for return lo. 28566-03-2011	nt(s) on N427KG v n to service with n	vas repaired and espect to the wor	ad inspected in accordance with current FARs rules of the Federal Aviation Regulations and ork performed. Pertinent details of the repair are on file at this repair station under Work
DATE:	4/27/2011	SIGNE	D:	Mary R/More Work Order: 28566-03-2011 -
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e Min.	THE CONTRACTOR		6	
	" Site of		-	1 of 1
	MODEL: 10550 N		Commande	ler Aero, Inc. DATE: 6/1/2011
REG N	E SAN: 891745 P. 10: M 2746 ORDER 05-2011	VOICE:	Repair Station No 10570 Springbor Mamisburg, Ohio Phone: 888-881-	No. GA5R-876M A/C TSN: 481.7
28616-0	ne Entries	di Endin 1-4	ection. Chang	ged oil and filter (4) Checked Compression - 1) 70/80; 2) 74/80; 3) 54/80; 4)
Engir (2) Co 72/80; (19) Ro (30) Ro alternal	mplied with 100 H 5) 68/80 (6) 64/8 optaced for the per- eplaced exhaust V tor (35) Replace	vard balling. -band clamps. ed airbox asse	(31) Installed	ed new magneto pressurization (32) Complied with 500 hour fuel nozzle cleaning Replaced #1 (32) Removed and replaced #1
(2) Co 72/80 (19) Re (30) Re alternal Alt 1	mplied with 100 (5) 68/807 (5) 64/8 optaced long pos- eplaced exhaust v tor (35) Replac . (40) Cleaned stu that this engine was in raft and/or component	band clamps. de airbox assed de out of end	(31) Installer mbly (36) Roof crankshaft.	so keep induction air tiker (27) Complied with 500 hour fuel nozzle cleaning
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Engir (2) Co 72/80 (19) Re (30) Re alternal Alt 1	mplied with 100 H 5) 68/90 6) 04/9 cplaced long to eplaced exhaust v for (35) Replace . (40) Cleaned stu- that this engine was in raft and/or componer and Airworthy for return	"Jand damps. ed airbox assedge out of end spected in accord(s) on M27KG with to service. Perting the service of	(31) Installer mbly(36) R of crankshaft. dance with a 100 yas repaired and rient details of the	Replaced aft left side baffle (38) Replaced 2 rivets popped on baffling under t (41) Washed down engine and ran for leak check. On hour inspection and found to be airworthy, and inspected in accordance with current FARs rules of the Federal Aviation Regulations and the repair are on file of this repair station under Work Order No. 28616-05-2011. Work Order: 28616-05-2011
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Engir (2) Co 72/80 (19) Re (30) Re alternal Alt 1	mplied with 100 H 5) 68/90 6) 04/9 cplaced long to eplaced exhaust v for (35) Replace . (40) Cleaned stu- that this engine was in raft and/or componer and Airworthy for return	"Jand damps. ed airbox assedge out of end spected in accord(s) on M27KG with to service. Perting the service of	(31) Installer mbly (36) R of crankshaft. dance with a 100 was repaired and nent details of the Cary	ed new magneto pressurization filter (32) Removed and replaced #1 Replaced aft left side baffle (38) Replaced 2 rivets popped on baffling under t (41) Washed down engine and ran for leak check. 10 hour inspection and found to be airworthy, at inspected in accordance with current FARs rules of the Federal Aviation Regulations and the repair are of file of this repair station under Work Order No. 28616-05-2011 Work Order: 28616-05-2011 Printed by EBis 3 (datcomedia.com)

Air 88 Inc. dba CROWNAIR ns. FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 **Brou** Cirrus Design SR22 N427KG Flight Hour Meter: 529.9 Hrs 6-27-11 Maintenance performed: Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 off and installed new CH48108-1 oil filter. Ground ran and leak checked OK. All work was done I/A/W Cirrus SR22 MM 79-20. Washed engine to remove oil residue in engine compartment. Tightened loose bolt at crankcase between magnetos. Leak checked good on ground run. I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work order No. LT-11-05369: Authorized Representative Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 N427KG Cirrus SR22 *** * * S/N: 3068 8-03-11 Hobbs: 668.6 Hrs Flight Hour Meter: 574.5 Hrs Maintenance performed: Changed oil and filter. Serviced with 7 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Ground run I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. FURTHER ENTINES ON THIS PAGE A. S.

Eligille Service allu Maintenance Record **Last Overhaul** Installations, Inspections, Airworthiness Directives, Special Inspections. Min. Hrs. Min. Hrs. Modifications and Service Bulletins

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Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123

TCM Engine N427KG 9-23-11

10-550-N51 Cirrus Design SR22 Hobbs: 728.5 Hrs

S/N: 3068 Flight Hour Meter: 622.6 Hrs

ETT: 622.6 Hrs

S/N: 691745

Maintenance performed:

- Complied with 100 Hour Inspection I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression check as follows: #1. 74/80 #2. 72/80 #3. 56/80 #4. 72/80 #5. 66/80 #6. 62/80
- Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Tightened loose mounting bolts on L/H & R/H exhaust to turbo flange and L/H & R/H wastegates as required.
- Cleaned, inspected and serviced K&N air filter.
- Adjusted R/H magneto timing to 21 1/2° I/A/W TAT ICA.
- Complied with TAT SI08-01 Rev. A by inspection and cleaning of breather hose, discharge tube and tailpipe discharge hole. No defects noted:
- Complied with TAT SI08-04 by borescope inspection of cabin heat augmenter tailpipe and found OK at this time.

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

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-11-05487.

> Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123

TCM Engine N427KG 11-09-11

IO-550-N51 Cirrus Design SR22 Hobbs: 786.0 Hrs

S/N: 691745 S/N: 3068 Flight Hour Meter: 668.1 Hrs ETT: 668.1 Hrs

Authorized Representative

Maintenance performed:

- Complied with 50 Hour Inspection I/A/W Crownair 50 Hour Inspection Checklist, Form CA-107.
- Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Cleaned and re-oiled induction air filter.

I certify that this engine has been inspected in accordance with a 50 Hour inspection and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-11-05546.

Authorized Representative

	Hrs.	Min.	Hrs.	verhaul Min.	Installations, Inspections, Air	and Maintenance Recor worthiness Directives, Special Inspection
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				E4 4 Am	Air 88 Inc. dba CROWNAIR pproved Repair Station #CWNR	172V
				raa ap	3753 John J. Montgomery Dr.	
					San Diego, CA 92123	
TCM Engl					10 880 3181	S/N: 691745
TCM Engi N427KG	ine				IO-550-N51 Cirrus Design SR22	S/N: 3068
11-21-11					Flight Hour Meter: 682.0 Hrs	TSN: 682.0 Hrs
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- Chang	ged oil and ak checke	d filter.	Serviced	with 7 Qts	s of Aerosnell 15 w-50 oil and ins	talled new CH48108-1 oil filter. Ground ra
	oil sample		lysis.			· Alexander and the second
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I certify t	hat with	respec	t to the	work pe	rformed this engine was repa	aired and inspected in accordance wi
current FA	AA regui	lations.	Only ti	nose item	ns specified in the work order	r have been inspected and found to lile at this agency under Work Order N
PA-11-0556	and retui	rnea to	service.	Pertinen	it details of this repair are on i	lie at this agency who
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					Ai	thorized Representative
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CM Engine]		S/N; 691745 S/N: 3068
]	San Diego, CA 92123	S/N: 3068 Flight Hour Meter: 723.6 Hrs
1427KG -06-12		- , · · ·]	San Diego, CA 92123 IO-550-N51 Cirrus Design SR22	S/N: 3068
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1000	Iolai	Time	Time Since Last Overhaul	Engine Service and Maintenance Recor
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TCM Engine	e	S. 4.	1	IO-550-N51 S/N: 691745
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current FAA	A regulat	ions.	Only those items	ormed this engine was repaired and inspected in accordance with specified in the work order have been inspected and found to be details of this repair are on file at this agency under Work Order No. Authorized Representative
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Date Total Time Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Min. Min. Hrs. Hrs. Modifications and Service Bulletins **Broug** Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 S/N: 691745 IO-550-N51 TCM Engine S/N: 3068 Cirrus Design SR22 N427KG Flight Hour Meter: 874.7 Hrs Hobbs: 1033.3 Hrs 5-08-12 Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Ground ran Maintenance performed: and leak checked OK. I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-12-05645. Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 S/N: 691745 IO-550-N51 TCM Engine S/N: 3068 Cirrus Design SR22 N427KG Flight Hour Meter: 916.0 Hrs Hobbs: 1084.0 Hrs 6-15-12 Maintenance performed: Complied with Annual Inspection I/A/W Crownair Annual / 100 Hour Inspection Checklist, Form CA 105. Compression check as follows: #1. 72/80 #2. 72/80 #3. 48/80 #4. 62/80 #5. 50/80 #6. 48/80 Changed oil and filter. Serviced engine with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Cut open old oil filter and inspected with no metal contamination found. Took oil sample for analysis. Verified AD 2012-03-06 and found N/A, affected part not installed. Verified AD 2012-10-13 and found N/A, starter adapter has more than 100 Hrs TIS on the effective date of the AD. Retightened all rocker cover bolts to stop leaking. Replaced all spark plugs with 12 new P/N RHB32E. Removed induction air filter, cleaned, inspected, re-oiled and reinstalled. No defects noted. I certify that this engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-12-05797. 3

	Total Time	Time Since Last Overhaul Hrs. Min.	Engine Service Installations, Inspections, Modifications and Service	e and Maintenance Record Airworthiness Directives, Special Inspection Bulletins
		A FAA App	air 88 Inc. dba CROWNAIR Froved Repair Station #CWN 753 John J. Montgomery Dr. San Diego, CA 92123	
- Custor	ce performed: ner complaints of ade adjustments as	max power at 93%. required. Final run	max power checked good at 1	
current FA	A regulations. and returned to s	Only those items	s specified in the work ord	paired and inspected in accordance with der have been inspected and found to be file at this agency under Work Order No. Authorized Representative
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	I TOUGHT IN	Tach Tir id replaced turbo wa	el: SR22 Reg. No.: N427k Completed: 06/26/12 00:0 me: 938.30 TTA ste gate slave cable p/n 22-	
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Engine Service and Maintenance Record **Time Since Total Time Date** Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins Last Overhaul Min. Min. Hrs. Bro Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 S/N: 691745 S/N: 3068 IO-550-N51 **TCM Engine** Cirrus Design SR22 N427KG Flight Hour Meter: 968.1 Hrs Hobbs: 1143.3 Hrs 7-10-12 Maintenance performed: Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Washed Took oil sample for analysis. I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. DATE: 7/20/2012 ENGINE MODEL: American Aircraft Maintenance, Inc. A/C TSN: ENG TT: HOBBS: 979.6 ENGINE S/N Repair Station No. Z5SR421Y 19711-B Campus Drive Santa Ana, CA 92707 Phone: (949) 852-8420 **Engine Entries** Tested and adjusted fuel system as per TCM SID97-3E and TAT ICA. Adjusted prop governor, fuel pump, and turbo contro power readings noted thruout ground test runs. Operational check normal. THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE. から DATE: 7/20/2012 SIGNED: . Work Order: 26068 Richard Sanchez Certified Repair Station No. Z5SR421Y Printed by EBis 3 (datcomedia.com) FURTHER ENTIRES THIS 975

Date	Total Tir	A STATE OF THE PARTY OF THE PAR	me Since at Overhaul	Engine Service and M	Maintenance Record
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TCM Engin	16	A. Sara	Si ma	Cirrus Design SR22	S/N: 691745 S/N: 3068
10-17-12			. 1	Flight Hour Meter: 1012.7 Hrs	ETT: 1012.7 Hrs
	ce performe				100 000000
				Crownair Annual / 100 Hour Inspection Cl #2. 66/80 #3. 22 /80 #4. 54 /80 #5. 54 /80	
- Remov	ed #3, #4, #	5 & #6 cy	linders and s	sent to Powermaster Aircraft Engines for	overhaul due to low compression
Receive	ed same ove	rhauled cyl	inders and re	einstalled in their original positions using	new piston pins, seals and gaskets.
			1 Overhaul M		
- CH481	08-1 oil filte	ier. Servic	ea engine wi	th 8 Qts of Aeroshell 100 mineral oil due	to new cylinders and installed new
			ected with no	metal contamination found.	
- Took oi	I sample for	analysis.			
Remove	d L/H & K/	H magneto	s for 500 Hr	Inspection. Tested coils and condensers,	checked good. Cleaned blocks and
engine u	sing new ga	skets. P/N	649954. Tin	P/N 10-382584 in left & right mags. Tinned L/H & R/H mags to 21.5 degrees I/A	W TATI Instructions Next due
1512.71	irs Flight He	our Meter.			W 1711 Histractions. Next due @
- Serviced	and installe	d new K&	N induction a	nir filter, P/N 30-2022.	
- Kemoye	d burned se	ction of L/	H TIT probe	wiring, installed new terminals to wires ad run TIT indicates normal.	and reattached to probe. Covered
				n new P/N ETI-G2-600-36.	
- Replace	L/H side b	affle spring	with new P/	N 51021-001.	
- Remove	d altinjectoi	nozzles, c	leaned and re	installed using new o-rings, P/N 630979-9	9 and new seals, P/N 640612.
- Kemoye	and replac	ed #2 alter	nator with ne	w Continental Motors ALT-ASM-24V-76 Old S/N 1050521 off.	0A-BELT-DRV, P/N 657199, S/N
- Oil temp	reading his	th and erra	tic. Remove	d exhaust and induction components to	gain access to oil town homes and
1000	teancy com	ections, tig	htened and s	afety wired plug. Reinstalled engine com	ponents, oil temp now reads correct
i and stoat	Y CONTROL OF	The second			
- Replaced	KOH TIL pr	obe with n	ew P/N 8624	5. Ground run, L/H & R/H TIT indication	n reading normal.
I certify that the	his engine h	as been ins	nected in acc	cordance with a 100 Hour inspection and	dance data with add to be in almost buy
condition.			process in acc	ordance with a 100 Hour inspection and	d was determined to be in airwormy
I certify that	4.1 4.1				
current Federa	l Aviation I	k requested	by the own	er/operator and listed above was repaire	ed and inspected in accordance with
this agency un				and to be airworthy for return to service.	Details of the repair are on file at
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TCM Engi N427KG 12-04-12	ne			C	O-550-N51 Cirrus Design SR22 Hobbs: 1244.6 Hrs	S/N: 691745 S/N: 3068 Flight Hour Meter: 1045.7 Hrs	
- Maintenar - Chang	ce perform ed oil and f	<u>1ed</u> : filter. Se	erviced with	h 8 Qts of	Aeroshell 15W-50 oil and installe	ed new CH48108-1 oil filter.	
current FA	AA regulat and return	tions.	Only thos	se items	specified in the work order h	ed and inspected in accordance with have been inspected and found to be at this agency under Work Order No order Representative	e
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	-			15			-2
						DATE: 8 MARCH 2013	
					REMOVED AND F	REPLACED STARTER	
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		+	V		OPERATIONAL TE	STED SATISFACTORY	_
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		士			This tag certifies that Sky-Tec Mo	del No. C24ST5	*
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					This tag certifies that Sky-Tec Mos Serial No. <u>4C5-301207</u> by Sky-Tec under the authority of No. <u>6</u> per CFR14 Part 2	del No. C24ST5 was manufacturred new on 30 Ja 2012 FAA PMA No. PQ0852SW Supplement 1 in accordance with Sky-Tec's	
		<u>+</u>			This tag certifies that Sky-Tec Mod Serial No. 4C5-301207 by Sky-Tec under the authority of No. 6 per CFR14 Part 20 FAA-Approved Fabrication Inspec- conforms to the relevant FAA-app	del No. C24ST5 was manufacturred new on 30 14 2012 FAA PMA No. PQ0852SW Supplement 1 in accordance with Sky-Tec's etion System (CFR14 Part 21 §21,303) and	
					This tag certifies that Sky-Tec Mor Serial No. 4C5-301207 by Sky-Tec under the authority of No. 6 per CFR14 Part 2: FAA-Approved Fabrication Inspect conforms to the relevant FAA-app determined to be airworthy.	del No. C24ST5 was manufacturred new on 30 14 2012 FAA PMA No. PQ0852SW Supplement 1 in accordance with Sky-Tec's ction System (CFR14 Part 21 §21.303) and proved drawings. This part has been	
					This tag certifies that Sky-Tec Mor Serial No. 4C5-301207 by Sky-Tec under the authority of No. 6 per CFR14 Part 20 FAA-Approved Fabrication Inspect conforms to the relevant FAA-app determined to be airworthy. For installation eligibility see www.	del No. C24ST5 was manufacturred new on 30 14 2012 FAA PMA No. PQ0852SW Supplement 1 in accordance with Sky-Tec's ction System (CFR14 Part 21 §21.303) and proved drawings. This part has been w.skytecair.com/eligibility.htm	
					This tag certifies that Sky-Tec Mor Serial No. 4C5-301207 by Sky-Tec under the authority of No. 6 per CFR14 Part 20 FAA-Approved Fabrication Inspect conforms to the relevant FAA-app determined to be airworthy. For installation eligibility see www. Starter Installed on N 427 K	del No. C24ST5 was manufacturred new on: 30 14 2012 FAA PMA No. PQ0852SW Supplement 1 in accordance with Sky-Tec's ction System (CFR14 Part 21 §21.303) and proved drawings. This part has been w.skytecair.com/eligibility.htm by	
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Date	Total Time		Since verhaul	Engine Service and Maintenance Record
	Hrs. Min.	No. 2	wernauı 	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
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7.3			St.	
		127KG T	ACH: 1	
		REPLACE	DSTARTER	R ADAPTER, INSTALLED P/N 642085-A17 ED BY QUALITY AIRCRAFT ACCESSORIES,
		INSTALLATIO	N IAW WITH	H CONTINENTAL 10-550 SERVICE MANUAL DNAL TEST SATISFACTORY.
		2	and the second	18P 2683817
20.954	SOR	BI AIRCI		AINTENANCE SAN DIEGO, CA
	N. V. S. S.		The state of the s	
	Property and	15 A - 1 T		
100		100		N427KG FHM: 1103.2 HOBBS: 1315.9 DATE :14 JUNE 2013
				TSO: 1103.2 COMPLIED WITH AN ANNUAL INSPECTION IAW CIRRUS CHECK LIST FOR SR-22
	377	#42 A	100	DRAINED OIL, REPLACED FILTER CH48108, SERVICED WITH 8 QTS AEROSHELL 15W-50. CLEANED INDUCTION FILTER REPLACED ALL 12 EA. SPARK PLUGS
				URHB32E . CHECKED MAG TIMING. CLEANED FUEL INJECTORS. PERFORMED CYLINDER COMPRESION TEST.
	**************************************			#1=60/80 #2= 73/80 #3= 75/80 #4=78/80 #5=76/80 # 6= 78/80 REPLACED RIGHT CLAMED FOR THERE OF PROPERTY
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
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M.S.		4		P/N CH48110 SERVICED WITH 40 OTTO
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The state of				CABLES, HOSES, ENGINE MOUNTS & STRUCTURE. RUN UP :NO LEAKS
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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. Hrs. **Brought Forward** BAN DIT BALLA SORBI AIRCRAFT MAINTENANCE S/N 691745 ENGINE: CONTINENTAL 10-550 N 51 N427KG FHM: 1222.4 TTSN: 1222.4 HOBBS: 1461.6 CYCLES: N/A DATE: 15 AUG. 2014 ENGINE ENTRIES: Complied with an ANNUAL INSPECTION IAW CIRRUS Check list for SR-22 and Tornado Alley Turbo Inc. instructions. Cylinder compression check #1=74 #2=78 #3=78 #4=78 #5=79 #6=78
Cylinder compression check #1=74 #2=78 #3=78 #4=78 #5=79 #6=78
Changed oil and filter. Serviced with Aeroshell 15W50. Open filter and no metal on element. Filter CH48109. Oil run leak check good. Removed prop. governor for overhaul. Installed prop. governor Mc Cauley P/N C290D3-R/T23 S/N 071945. Replaced alternator #1 ON P/N es-10024 S/N H-0031056 new. Removed all oil and fuel hoses for overhaul by Herber Aircraft see form 8130-3 attached. Installed oil and fuel hoses pressure tested. Complied with muffler and heat exchanger inspection by "V" clamp inspection, pressure test and boroscope, no defects noted. Replaced air / induction filter 33-2022. Replaced bracket tail pipe support left P/N 22-6200045. Replaced turbo clamp V – band P/N 11-1100023. Searched AD s, report list updated with new items. MAINTENANCE RELEASE: This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and w to be in an airworthy condition with respect to the work performed and is approved to return to service. CERTIFICATE ASP 2683817 IA W/O 10552, 10601, 10616 SIGNED SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123 Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 TCM Engine S/N: 691745 IO-550-N51 N427KG Cirrus Design SR22 S/N: 3068 2-25-15 Hobbs: 1517.8 Hrs Flight Hour Meter: 1268.7 Hrs Maintenance performed: Complied with 50 Hour Inspection using the Cirrus SR22 and SR22T AMM Inspection Checklist, Chapter 05-20. Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Cut open old oil filter and inspected with nothing abnormal found at this time. Took oil sample and sent in for analysis. Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs. Retorqued all rocker cover screws as required. I certify that this engine has been inspected in accordance with a 50 Hour inspection and was determined to be in airworthy condition. I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-15-06985.

Authorized Representative

ate	Total	Time		Since verhaul	Engine Service and Maintenance Reco	rd
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	ions,
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7	oved and	replaced	ad at this t	FAA Ap	Air 88 Inc. dba CROWNAIR pproved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 IO-550-N51 Cirrus Design SR22 Hobbs: 1523.8 Hrs Flight Hour Meter: 1272.0 Hrs th new P/N MS28034-1, torqued and safety wired. Functional checks good cket with new P/N 22-625006 using new bolt P/N MS21250-05020 and tor	d and
current F	FAA reg	lations	Only	those iter	erformed this engine was repaired and inspected in accordance ms specified in the work order have been inspected and found in the details of this repair are on file at this agency under Work Order Authorized Representative	to be
and the state of t					The second secon	
50		IRCRA	34.4	INTEN	ANCE SAN DIEGO, CA	
So	ORBI A Q	IRCR	AFT MA	ENGINE	SAN DIEGO, CA SAN DIEGO, CA SCONTINENTAL 10-550 N 51 S/N 691745 301.7 TTSN: 1301.7 HOBBS: 1560.8 CYCLES: N/A	
	ORBI A S N DATE:	IRCRA Sept.	AFT MA	ENGINE	:: CONTINENTAL IO-550 N 51 S/N 691745	
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Engine Service and Maintenance Record **Time Since Total Time** Date Installations, Inspections, Airworthiness Directives, Special Inspections, Last Overhaul Modifications and Service Bulletins Min. Hrs. Min. **Brought Forward** SAN DIEGO, CA SORBI AIRCRAFT MAINTENANCE S/N 691745 ENGINE: CONTINENTAL 10-550 N 51 N427KG FHM: 1326.1 TTSN: 1326.1 HOBBS: 1591.7 CYCLES: N/A DATE: 20 OCT. 2015 Drained engine oil, replaced oil filter PN: CH48110-1. Serviced engine with 8 Qts. of aeroshell 15W-50. Cut open filter to inspect for metal. None found at this time. MAINTENANCE RELEASE:
This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and was found to be in an airworthy condition with respect to the work performed and is approved to return to service. CERTIFICATE 44 3564380 SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123 SAN DIEGO, CA SORBI AIRCRAFT MAINTENANCE ENGINE: CONTINENTAL 10-550 N 51 FHM: 1382.2 TTSN: 1382.2 HOBBS: 1659.9 CYCLES: N/A DATE: 29 MAR. 2016 **ENGINE ENTRIES:** Drained engine oil, replaced oil filter PN: CH48110-1. Serviced engine with 8 Qts. of aeroshell 15W-50. Cut open filter to inspect for metal. None found at this time. This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and was found to be in an airworthy condition with respect to the work performed and is approved to return to service. CERTIFICATE____ SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123 SAN DIEGO, CA SORBI AIRCRAFT MAINTENANCE S/N 691745 **ENGINE: CONTINENTAL 10-550 N 51** N427KG FHM: 1403.9 TTSN: 1382.2 HOBBS: 1686.6 CYCLES: N/A DATE: 19 JUL. 2016 **ENGINE ENTRIES:** Replaced TIT probe P/N 86245. Operational tested satisfactory. **MAINTENANCE RELEASE:** This Aircraft and/or component has been inspected and repaired in accordance with current Federal Air Regulation and was found to be in an airworthy condition with respect to the work performed and is approved to return to service. CERTIFICATE SIGNED SORBI AIRCRAFT MAINTENANCE - 8690 AERO DRIVE, SUITE 115 - SAN DIEGO, CA 92123

ught Forward	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record						
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*	1	ENGINE E	NTRIES:								
1	5.1	Complied w	rith an <u>ANNU</u>	IAL INSPE	CTION IAW CIRRUS Check list for SR-22 and Tornado Alley Turbo Inc. instructions. #2=70 #3=72 #4=78 #5=74 #6=76						
		Changed of	and filter. S	erviced with	Aeroshell 15W50. Open filter and no metal on element. Filter CH48109.						
Alterna		Complied w	check good ith muffler a	nd heat excl	hanger inspection by "V" clamp inspection, pressure test and boroscope, no defects noted.						
		Replaced w Searched A			with new items.						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		MAINTENA	NCE RELE	ASE:							
		I certify that	this engine i	nas been ins	spected in accordance with an annual inspection and was determined to be in an airworthy condition.						
31.6			CICAIC		CERTIFICATE AND 2683817 IA						
	100 A		SIGNE	0	• •						
* 14-1			SORBI A	IRCRAFT N	AINTENANCE – 8690 AERO DRIVE, SUITE 115 – SAN DIEGO, CA 92123						
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				. 2017	FHM: 1414.4 TTSN: 1414.4 HOBBS: 1699.6 CYCLES: N/A						
	7	<u>ENGINE EN</u>	TRIES:								
N. R.		Drained engli Serviced eng	ne oil, replac	ed oil filter l	PN: AA48109 shell 15W-50.						
V			1 19 kg	KIS. UI AGIUS	Sitell 13VV-30.						
7 7 9		MAINTENAN	ICE RELEA	ISE:							
		certify that th	is engine ha	s been insp	pected in accordance with FARs and was determined to be in an airworthy condition.						
		4	SIGNED		410						
- 4			1000		CERTIFICATE HAP 2683817 IA						
-48		×4.	SOKRI AIF	CRAFT MA	NINTENANCE – 8690 AERO DRIVE, SUITE 115 – SAN DIEGO, CA 92123						

	Total Time		Time Since Last Overhaul			vice and Maintenance Reco			
	Hrs.	Min.	Hrs.	Min.	Installations, Inspection Modifications and Series		rectives, Special II	nspectio	
ught Forward	-	→							
ENGINE	MODEL .				e Malatanana		DATE: 5/31/2017		
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REG. NO:	RDER:	Han	igar 12 anon, Ohio 45				TACH: 1426	1950	
1545-05-2	2017		ne: 888-566-3					F-12	
	Entries							42	
nluga Mad	tionilla base	ion leade Se	enviced Engin	e oil and filter	e with the Manufacturers Maintenan . Cut filter for inspection, no defects	s noted. Serviced engine with Ph	IIIIDS 20W50XC 0II (11)	- 2	
KGN0052	2 (24) Ren	noved and re	enlaced crack	ed alternator	id knuckle (15) Removed and rep belt (28) Removed and replaced ice 44/80. Borescope inspection rev	l all 12 spark plugs (29) Comp	e. Installed s/n pression test are as	Transition of the second	
This engineregulations	e has been in and has be	nspected in a en determina	accordance w ed to be in an	vith a 100/ann a airworthy cor	nual inspection in accordance with the polition. END	he manufacturers maintenance	manual and current FAA		
DATE: 5/	31/2017		SIGNED	: ///		Work	Corder: 1545-05-2017	13.34	
			Ryan Yeng	ger, 7 7. 36696	33	Printed by EB	is 3 (datcomedia.com)	100 m	
						1,42,43	"不可是" 一块。		
							Bollad State College	March 2	
ENGINE MODEL: ENGINE S/N:		Lone Mo	ountain A	Aircraft M	laintenance	en ·	DATE: 6/14/2017	3	
REG. NO: N427K0 WORK ORDER:		2460 Green Hangar 12	tree Road		and the second s		A/C TSN: 1713.1 ENG TT:		
1553-06-2017	- L	ebanon, Or Phone: 888-					TACH: 1426		
Engine Entrie	s				A COLUMN TO THE RESERVE OF THE PARTY OF THE		T. 4. 7.	***	
(1) Removed and re	placed L/H					6.5	The state of the s	*	
		III probe	. (2) Adjusted	manifold pre	essure controller down to 31.7, prop	rom reads 2660 at full through		10EV #	
		III probe	. (2) Adjusted	d manifold pre	essure controller down to 31.7, prop	orpm reads 2660 at full throttle.			
				manifold pre	essure controller down to 31.7, prop	orpm reads 2660 at full throttle.			
DATE: 6/14/2017		SIGN	IED:	manifold pre	essure controller down to 31.7, prop		er: 1553-06-2017		
			IED:	manifold pres	essure controller down to 31.7, prop		er: 1553-06-2017		
		SIGN	IED:	manifold pres	essure controller down to 31.7, prop	Work Orde	er: 1553-06-2017		
		SIGN	IED:	manifold pre	essure controller down to 31.7, prop	Work Orde	er: 1553-06-2017		
		SIGN	IED:	manifold pres	essure controller down to 31.7, prop	Work Orde	er: 1553-06-2017		
		SIGN	IED:	manifold pres	essure controller down to 31.7, prop	Work Orde	er: 1553-06-2017		
		SIGN	IED: /	Part 1		Work Orde	er: 1553-06-2017		
	De Papa	SIGN	IED:	510 Airport Rincinnati OH	Id. 45226	Work Orde	er: 1553-06-2017		
DATE: 6/14/2017		SIGN	IED:	Part 1	Id. 45226	Work Orde	er: 1553-06-2017		
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4510 Airport Rd (513) 321-1200



Engine Flight: 1519.6 TSN: 1519.6 N427KG ENG. S/N: Date: 6/20/2018

Inspected engine I/A/W an Annual inspection per Cirrus SR22 AMM rev. B4 Chapter 5-20. and 100 hour inspection per TAT ICA manual 22-6460004 rev. A.

The	follo	wing	work	was	accomp	lished	at	this	time:

- Compressions: 1)76/80 2)74/80 3)71/80 4)76/80 5)68/80 6)72/80 master orifice 42psi.
- Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of Aeroshell 15W-50,
- Serviced oil with 12 ounces CamGuard.
- Installed new oil filter p/n AA8108-2.
- Routine oil sample taken for analysis.
- Installed new #4, #5, and #6 valve cover gaskets p/n 658735.
- Installed new master wastegate bracket p/n 22-625006, and spring p/n 10530.
- Installed new left exhaust tailpipe springs p/n 51381-001.
- Installed new turbo support rod sleeves p/n 22-6200048.
- Installed both new turbo oil return gaskets p/n 652100.
- 11.
- Installed both new waste gate gaskets p/n FG0120830.
 Installed new forward turbo support bushings p/n 22-6200023. 12.
- Installed magnetos s/n D08BA291 and D08BA308 after 500hr inspection by Professional Aircraft Accessories CRS# PO5R554Y under w/o 60641. 13.
- Inspected fuel gascolator and installed new stato-seal p/n NAS1523-8B.
- Performed TAT Turbo ICA manual functional inspection of fuel injection system.
- Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

Airworthiness Directives

All AD's complied with to this date

Service Bulletins

- Accomplished Tornado Alley Turbo service bulletin TAT SB09-01. Inspected exhaust manifolds for cracks. Next due at flight: 1619.6
- Accomplished Tornado Alley Turbo service bulletin TAT SB10-01 Inspected alternate air door hinge and hinge pin. Next due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SB11-04 Turbo oil supply inlet screen inspection. Next due: 6/2019

 Accomplished Tornado Alley Turbo service bulletin TAT SB12-02 Check fuel pump for leaks. Next due: 6/2019

- Accomplished Tornado Alley Turbo service bulletin TAT SI08-01 rev. A. Cleaned and inspected crankcase breather discharge Next due: 6/2019

 Accomplished Tornado Alley Turbo service bulletin TAT SI08-04. Pressure test cabin heater augmentors. Next due: 6/2019
- Accomplished Tornado Alley Turbo Service Instruction TAT SI08-05 rev. A. Air filter recharge Next Due: 6/2019
- Accomplished Tornado Alley Turbo service bulletin TAT SI11-01. Exhaust system cleaning, inspection and lubrication. Next Due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SI11-03. Inspect turbo support rods. Next due: 6/2019

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA

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