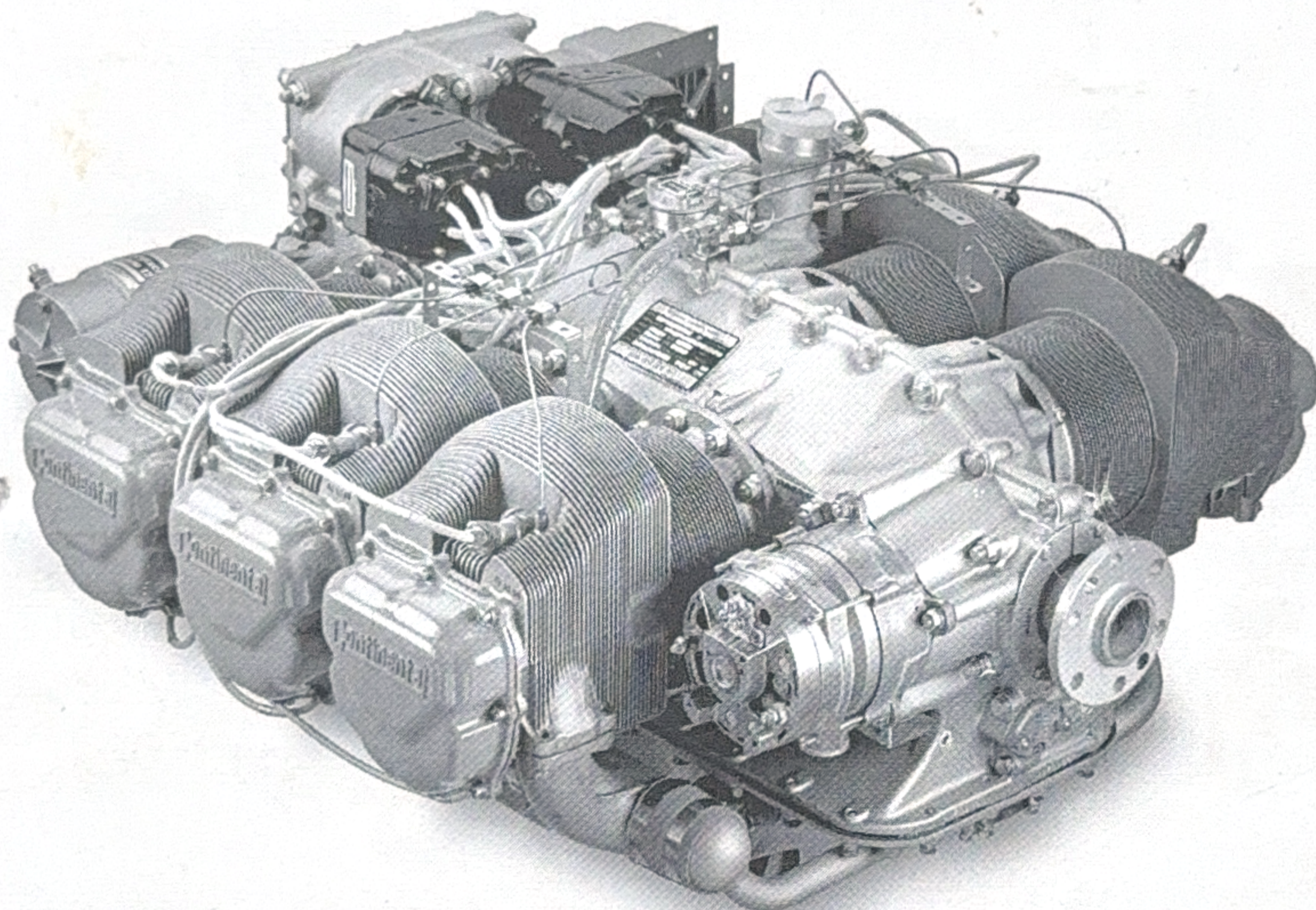


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors
 Teledyne Continental Motors
 2039 South Broad Street
 Mobile, AL 36615

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



This engine model **10360ES6** was manufactured by **Teledyne Continental Motors, Inc.** A Teledyne Technologies Company. Printed: 03/26/2007. This engine model **10360ES6**, Serial No. **360352** was manufactured on **03/26/2007** by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS
 A TELEDYNE TECHNOLOGIES COMPANY
 PRODUCTION CERTIFICATE NO. 506

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
					<p>NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT: N855CD DATE: 07/03/07 WO: 10659 HOBBS: 34.7 TTSN: 34.7</p> <p>ENGINE LOG DRAINED ENGINE OIL. REMOVED AND INSPECTED OIL FILTER. INSTALLED NEW CH48108-1 OIL FILTER AND SERVICED ENGINE WITH 8 QTS. OF W100 AEROSHELL OIL. ENGINE RUN UP AND LEAK CHECKED GOOD. <i>Robert L. House</i> ROBERT L. HOUSE FOR NAPLES AIR CENTER CRS X04R655M.</p>
					<p>NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT: N855CD DATE: 07/22/08 WO: 11019 HOBBS: 52.0 TTSN: 52.0</p> <p>ENGINE LOG I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION PER FAR 43 APPENDIX D, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AD'S WERE CHECKED FOR COMPLIANCE THROUGH ISSUE 2008-14. DRAINED ENGINE OIL. REMOVED AND INSPECTED OIL FILTER. INSTALLED NEW CH48108-1 OIL FILTER AND SERVICED ENGINE WITH 8 QTS. OF W100 AEROSHELL OIL. PERFORMED COMPRESSION CHECK AS FOLLOWS #1= 75/80 #2= 74/80 #3= 74/80 #4= 74/80 #5= 74/80 #6= 75/80. ADJUSTED LEFT AND RIGHT MAGNETO TIMING TO 24 DBTDC PER DATA PLATE. REMOVED, CLEANED, INSPECTED, GAPPED, TESTED AND REINSTALLED SPARK PLUGS. ENGINE RUN UP AND LEAK CHECKED GOOD PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 11019. <i>Robert L. House</i> ROBERT L. HOUSE FOR NAPLES AIR CENTER CRS X04R655M.</p>
					<p>NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT: N855CD DATE: 09/21/09 WO: 11404 H69.9 TTSN: 69.9</p> <p>ENGINE LOG THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION PER FAR 43 APPENDIX D, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AD'S WERE CHECKED FOR COMPLIANCE THROUGH ISSUE 2009-19. DRAINED OIL. REMOVED AND INSPECTED OIL FILTER. INSTALLED NEW CH48108-1 OIL FILTER AND SERVICED ENGINE WITH 8 QTS. OF W100 AEROSHELL OIL. PERFORMED COMPRESSION CHECK AS FOLLOWS: #1= 76/80 #2= 75/80 #3= 75/80 #4= 74/80 #5= 76/80 #6= 77/80. MAGNETO TIMING CHECKED GOOD @ 24 DBTDC PER DATA PLATE. REMOVED, CLEANED, INSPECTED, GAPPED, TESTED AND REINSTALLED SPARK PLUGS. (ROTATED SPARK PLUGS TOP TO BOTTOM) REMOVED CORROSION FROM INSIDE OF OIL FILLER AND CAP. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 11404. <i>Robert L. House</i> ROBERT L. HOUSE FOR NAPLES AIR CENTER CRS X04R655M.</p>

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
	Hrs.	Min.	Hrs.	Min.				
Engine LogBook Entry		TAC Air Aircraft Maintenance 1725 E. International Drive, Raleigh NC 27623 Raleigh Durham International Airport Phone: (919) 840-4440 Fax: (919) 840-4441			Authorized Cirrus Service Center			
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	FH/TT	
RDU006104	6-14-10	N855CD	Cirrus	SR20	1801	146.6	104.6	
TCM IO-360-ES6, S/N 360352. Drained oil, removed and inspected oil filter with no defects noted. Installed new filter, torqued and safetied. Serviced oil system with 8qts Aeroshell 15W50 oil. Cleaned and regapped all spark plugs, checked mag timing(500hr mag inspection due FH/TT 500) and ignition leads checked. Lubed all engine controls. Inspected exhaust system, pressure tested heat exchanger for leaks with no defects noted. Replaced induction air filter element. Inspected all baffling, wiring and plumbing. (300 hr fuel nozzle service due FH/TT 300.0). Cleaned fuel strainer, replaced all seals. Compression test: 1)78/80 2)76/80 3)75/80 4)76/80 5)76/80 6)78/80. Cleaned engine, grd run, checked fuel system per TCM SID97-3E, adjusted low unmeted fuel pressure to 8PSI, full power checks within limits, set mixture and idle speed, ops and leak check good. I certify this Engine has been inspected IAW a 100Hr/Annual inspection using Cirrus SR20 MM (Chapter 5-20) 100Hr inspection checklist as revised and was determined to be in airworthy condition and approved for return to service.								
I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.								
Authorized Signature: <i>Otis D. Hudson, Jr.</i>					Otis D. Hudson, Jr. A&P3490004 IA			

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
	Hrs.	Min.	Hrs.	Min.				
Engine LogBook Entry		TAC Air Aircraft Maintenance 1725 E. International Drive, Raleigh NC 27623 Raleigh Durham International Airport Phone: (919) 840-4440 Fax: (919) 840-4441			Authorized Cirrus Service Center			
Work Order No.	Date	"N" Number	Aircraft Make	Model	Serial No.	Hobbs Time	FH/TT	
RDU10071	10-11-11	N855CD	Cirrus	SR20	1801	187.8	135.7	
TCM IO-360-ES6, S/N 360352. Drained oil, removed and inspected oil filter with no defects noted. Installed new filter, torqued and safetied. Serviced oil system with 8qts Aeroshell 15W50 oil. Cleaned and regapped all spark plugs, checked mag timing(500hr mag inspection due FH/TT 500) and ignition leads checked. Lubed all engine controls. Inspected exhaust system, pressure tested heat exchanger for leaks with no defects noted. Replaced induction air filter element. Inspected all baffling, wiring and plumbing. (300 hr fuel nozzle service due FH/TT 300.0 or 10/12). Cleaned fuel strainer, replaced all seals. Compression test: 1)76/80 2)72/80 3)72/80 4)70/80 5)72/80 6)72/80. Cleaned engine, grd run, checked fuel system per TCM SID97-3E, checks within limits, ops and leak check good. I certify this Engine has been inspected IAW a 100Hr/Annual inspection using Cirrus SR20 MM (Chapter 5-20) 100Hr inspection checklist as revised and was determined to be in airworthy condition and approved for return to service.								
I certify the entry identified above was repaired and inspected in accordance with current FAA Regulations and for the work performed only and was found airworthy and is approved for return to service. Pertinent details of this repair are on file at this facility.								
Authorized Signature: <i>Otis D. Hudson, Jr.</i>					Otis D. Hudson, Jr. A&P3490004 IA			

FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST5
Serial No. 4C5-211210 was manufactured new on 30 May 2012
by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement
No. 6 per CFR14 Part 21 in accordance with Sky-Tec's
FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and
conforms to the relevant FAA-approved drawings. This part has been
determined to be airworthy.
For installation eligibility see www.skytecair.com/eligibility.htm
Starter installed on N 855CD by Lewis E Richards
(Aircraft) (Mechanic)

Form CC1108-1

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
	Hrs.	Min.	Hrs.	Min.				
Brought Forward →								

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes and Service Bulletins are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 20126 DATE 10/02/2012

MAKE Continental MODEL IO-360-ES(6)
S/N 360352 TOTAL TIME _____
TSMOH _____ TBO 2000

TRIAD AVIATION
Triad Aviation, Inc.
FAA Repair Station #PP4R448M
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467
Othman H. Hudson
Authorized Signature

Test ran Continental IO-360-ES(6) engine S/N 360352 for 1 Hour 30 minutes, RPM 2800, oil pressure 50 lbs, oil temperature 193 degrees, CHT 376. Mag check at 2100 RPM, L 110 RPM, R 10 RPM. Compression test cylinder #1 76/80 #2 75/80 #3 74/80 #4 75/80 #5 76/80 #6 73/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M. WO# 20126.

Signed: *Othman H. Hudson* Date: 10/02/2012

GRAND STRAND AVIATION, INC.
DBA RAMP 66
P.O. BOX 1499
NORTH MYRTLE BEACH SC 29598

DATE 11-15-2012
MAKE TCM
MODEL IO-360-ES(6)
S/N 360352
REG # N855CD
A/C TIME 229.0

INSTALLED CONTINENTAL ENGINE MODEL IO-360-ES(6) S/N 360352 ON THIS AIRCRAFT N855CD S/N1801 AFTER OVERHAUL BY TRIAD AVIATION, INC. UNDER WORK ORDER 20126. REPLACED ENGINE LORD MOUNTS AND AIR INTAKE FILTER. SERVICE ENGINE WITH 8 QTS OF AEROSHELL 100 MINERAL OIL. INSTALLED NEW PROPELLER MODEL NO: PHC-J3YF-1RF/F739-1 S/N FP8048B AND PROPELLER GOVERNOR MODEL C290D3R/T23 AFTER OVERHAUL BY H & H PROPELLER SERVICE UNDER WORK ORDER 19234. AS PER FAR 91, I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ARE ON FILE AT RAMP 66 MAINTENANCE SHOP UNDER WORK ORDER 12-17953 & 12-17959.

Lewis E Richards
LEWIS E RICHARDS
A&P 4056827341A

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



2-19-2013 N855CD FLIGHT HRS 177.5 HOBBS 255.3
 Drain engine oil. Remove, cut open, and inspect spin on oil filter. Install new CH48108-1 oil filter. Fill crankcase with 8 quarts of AEROSHELL W80 oil. Ground run engine and check for leaks and proper operation. No further discrepancy noted at this time. -END-

Phillip Alan Pahl, under the direct supervision of,

Phillip Alan Pahl
Frederick Martin Scarnechia
 Frederick Martin Scarnechia AP3496722

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 9140 12-July-2013 WO# 5825 REF# 5825 AC TT 213.5 HOBBS 300.6
 N855CD S/N 1801 CIRRUS SR20
 FHM 213.5 TSN 213.5 TSO 213.5 Pg 1 / 1

ENGINE
 *DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH 7 QTS AEROSHELL 100 OIL AND 1 PINT CAMGUARD. LEAK CHECK: GOOD. ALL IAW CIRRUS SR20 MM 12-10.
 *INSTALLED PROTECTIVE MATERIAL ON LOWER ENGINING BAFFLE SPRINGS TO PREVENT CHAFFING ON FUEL DRAIN BACK LINES. IAW AC 43-13

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

David Duncan 7-12-13
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 9321 13-December-2013 WO# 5916 REF# 5916 AC TT 256.7 HOBBS 350.8
 N855CD S/N 1801 CIRRUS SR20
 FHM 256.7 TSN 256.7 TSO 256.7 Pg 1 / 1

ENGINE
 *COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR20 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 12/09/2013. NEXT ANNUAL INSPECTION DUE DEC 2014.
 *COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
 COMPRESSIONS M/O 43/80 PSI #1:76/80, #2:78/80, #3:76/80, #4:70/80, #5:75/80, #6:77/80
 *COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3F. OPS/LEAK: GOOD.
 *REMOVED, CLEANED, INSPECTED, AND REINSTALLED FUEL INJECTORS WITH NEW SEALS AS REQUIRED. LEAK CHECK: GOOD. ALL IAW CIRRUS SR20 MM 5-20 AND TCM MANUAL X30634A. NEXT CLEANING DUE AT 556.7 FHM OR DEC 2014.
 *DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 100W OIL & 1 PINT CAMGUARD, OPS & LEAK CHECKED GOOD. ALL IAW CIRRUS SR20 MM 12-10.
 *REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR20 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

David Duncan 12-13-13
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 9371 03-February-2014 WO# 5948 REF# 5948 AC TT 266.2 HOBBS 364.5
 N855CD S/N 1801 CIRRUS SR20
 FHM 266.2 TSN 266.2 TSO 266.2 Pg 1 / 1

ENGINE
 *REMOVED INOP STARTER PN:07-01342 SN:4C5-211210 (SKYTEC MODEL C24ST5) AND INSTALLED NEW 07-01342 SKYTEC MODEL C24ST5 SN: 4C5-471315 IAW TCM MANUAL X30617 OPS CHECKED GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

David Duncan 2-3-14
 DOUGLAS DUNCAN A&P/IA 3384163 DATE

FAA - PMA

This tag certifies that Sky-Tec Model No. C24ST5
 Serial No. 4C5-471315 was manufactured new on 03 Dec 2013
 by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
 Supplement No. 6 in accordance with Sky-Tec's
 FAA-Approved Quality System (14CFR Part 21, Subpart K).
 This article has been determined to be airworthy.

For installation eligibility see www.skytecair.com/eligibility.htm

Starter Installed on N 855CD by *David Duncan*
 (Aircraft) (Mechanic)
 3384163

Form CC1108-1

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 9492 23-May-2014 WO# 6007 REF# 6007 AC TT 296.1 HOBBS 403.5
 N855CD S/N 1801 CIRRUS SR20
 FHM 296.1 TSN 296.1 TSO 296.1 Pg 1 / 1

ENGINE
 *DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 100W OIL. CHECK PUMP SCREEN AND INSTALLED NEW CRUSH GASKET PN:MS35769-21. LEAK CHECK: GOOD. ALL IAW CIRRUS SR20 MM 12-10.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

David Duncan 5-23-14
 DOUGLAS DUNCAN A&P/IA 3384163 DATE



8701 Aviation Blvd Concord NC 28027 (704)795-1600

DATE: 10/24/2014 REG: N855CD MAKE: CIRRUS DESIGN MODEL: SR20 SN: 1801
 TACH: n/a Hobbs: 438.9

Removed and replaced Oil pressure sensor P/N 12635-002. Changed engine oil and filter. Inspected filter found no defects. P/N Aero shell W100 7 qts. Oil filter P/N CH48108-1. Leak checked good. No further discrepancies noted at this time. -END-

Kevin Stolte
 Kevin Stolte A&P 261759629

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 9733 30-December-2014 WO# 6097 REF# 6097 AC TT 328.8 HOBBS 445.6
 N855CD S/N 1801 CIRRUS SR20
 FHM 328.8 TSN 328.8 TSO 328.8 Pg 1/1

ENGINE
 *COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR20 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 12/12/2014. NEXT ANNUAL INSPECTION DUE 12/2015. COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
 COMPRESSION CHECK MASTER ORIFICE 42/80#
 #1:76/80, #2:79/80, #3:76/80, #4:75/80, #5:76/80, #6:77/80
 DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 100W OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
 REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR20 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.
 *PERFORMED SID 97-3F FUEL SET UP OF FUEL FLOWS.
 *ADJUSTED TO RPM TO 2670 GROUND CHECK.
 *RERIGGED MIXTURE LEVERS FOR FULL TRAVEL
 *RETIMED ENGINE MAGS TO SPECS.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Doyle
 DOUGLAS DUNCAN A&P/IA 3384163 DATE 12-30-14



9200-B Aviation Blvd, Concord, NC 28027

DATE: 06/23/2015 REG: N855CD MAKE: CIRRUS MODEL: SR20
 SN: 1801 TACH: N/A HOBBS: 472.1 ACTT:

Drained engine oil. Removed, cut open, and inspected spin on oil filter. Installed new Champion Oil Filter CH48108-1. Filled crankcase with (7) quarts of AEROSHELL 100W Plus oil. Cleaned and gaped spark plugs and installed with new gaskets as needed. Ground run engine to check for leaks and proper operation. No further discrepancies noted at this time. -END-

Kevin Stolte *[Signature]* A&P 261759629 IA



Mansfield Airport(189) N855CD
 265 Fruit St Nov 2, 2015
 Mansfield, MA 02048 Hobbs: 497.3
 CRS# N4OR087B Tach: 369.5
 WO# 2916
 Engine

Completed annual inspection IAW Cirrus SR20 & TCM IO-360 MM & MM Checklist. Performed differential compression test with the following results: 1: 76/80, 2: 78/80, 3: 76/80, 4: 74/80, 5: 77/80 and 6: 76/80, MO: 47. Cleaned and lubricated all controls. Updated the airworthiness directives through Bi-weekly issue 2015-22. Drain and added 7 quarts of 15W-50, half a pint of camguard and Oil Filter (CH48108-1). Removed and replaced #2 cylinder fuel injector with new (P/N: 632147-2180) Cleaned fuel injector screens as needed. Removed magnetos, cleaned distributor block and rotor, retimed magneto, reinstalled on engine and timed to engine. Performed service bulletin SB 2X-28-12 R1. Engine run and leak check normal.

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

Authorized Signature *[Signature]*
 CHRISTOPHER MOBERG

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

3-9-16 Complied with Engine Oil AND Filter Change. Drained OIL. Removed AND Inspected oil Filter with NO DEFECTS NOTED. Installed NEW OIL FILTER CH48108-1. Serviced Full to 8qts Phillips X/C 20-50. LEAK check OK. Work Performed IAW Cirrus SR-20 MM. HOBBS 523.2
 Flight 389.2 N 855CD
 Jake D. Atteberry AP 3492072
[Signature]



9200-B Aviation Blvd, Concord, NC 28027

DATE: 09/26/2016 REG: N855CD MAKE: CIRRUS MODEL: SR20
 SN: 1801 TACH: 0412.1 HOBBS: 0554.3 ACTT: 0412.1

Drained engine oil. Removed, cut open, and inspected spin on oil filter. Installed New Tempest Oil Filter P/N: AA 48108-2. Filled crankcase with (7) quarts of Phillip's 20W50 X/C Engine oil. Added Cam-Guard per customer request. Performed oil sample. Service all tires per POH. Ground run engine to check for leaks and proper operation. No further discrepancies noted at this time. -END-

Kevin Stolte *[Signature]* A&P 261759629 IA

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
 LOG ID# 10408 12-December-2016 WO# 6490 REF# 6490 AC TT 424.3 HOBBS 570.9
 N855CD S/N 1801 CIRRUS SR20
 FHM 424.3 TSN 424.3 TSO 341.9 Pg 1/1


*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR20 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 12/09/2016 NEXT ANNUAL INSPECTION DUE 12/2017. COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
 COMPRESSION: #1-78/80; #2-75/80; #3-75/80; #4-69/80; #5-76/80; #6-77/80. (M/O: 42/80#)
 DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; CLEANED FINGER SCREEN SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR20 MM 12-10. REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR20 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.
 COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3G. OPS/LEAK: GOOD.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

[Signature] 3399769 12.12.16
 WES BANGLE A&P 3399769 IA DATE

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

B  2601 Cessna Lane NW Kennesaw, GA 30144 DK7R795J
 LOG ID# 21774 11-March-2020 WO# 20108-0
 N855CD S/N 1801 CIRRUS SR20
 HOBBS 651.4 TACH 485.0 Pg 1 / 1

*** ENGINE LOG ENTRY ***

PERFORMED ANNUAL INSPECTION OF THIS ENGINE IN ACCORDANCE WITH CIRRUS AIRCRAFT SR20 AMM 05-20 AND CMI MM M0 INSPECTION CHECKLISTS. SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. PERFORMED PRE-MAINTENANCE ENGINE OPERATIONAL RUN. DRAINED ENGINE OIL. TOOK ENGINE OIL SAMPLE. REMOVED OIL FILTER, CUT OPEN, AND INSPECTED FOR CONTAMINANTS, NONE NOTED. INSTALLED NEW OIL FILTER P/N AA48108. SERVICED ENGINE WITH PHILLIPS 20W50XC OIL. WASHED ENGINE. PERFORMED COMPRESSION CHECK: #1 - 79/80, #2 - 79/80, #3 - 79/80, #4 - 60/80, #5 - 79/80, #6 - 79/80, MASTER ORIFICE - 42. REMOVED AND REINSTALLED L/H MAGNETO P/N 6314 S/N 12051414 AND R/H MAGNETO P/N 6314 S/N 12050695 FOR REBUILD. MAGNETOS REBUILT BY QAA CRS# QYIR334Y ON WO# 061769 & 061770 DATED 28/FEB/2020 TIMED MAGNETOS. INSTALLED NEW RHM38E #3 LOWEWR SPARK PLUG. INSPECTED EXHAUST SYSTEM. RAN ENGINE AND INSPECTED FOR LEAKS, NONE NOTED. PERFORMED POST MAINTENANCE OPERATIONAL RUN, ALL CHECKS NORMAL. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER'S MAINTENANCE MANUAL AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.
 THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 20108, DATED 11 MAR 2020.

Signed DK7R795J FOR DLK AVIATION



ENGINE

9200 B Aviation Blvd.
 Concord, NC 28027
 United States
 Telephone: 704-784-0297 Fax: 704-461-2602
 Manufacturer: Teledyne Continental Motors
 Part/Model number: IO360ES
 Work Order No: MAINT-549
 TACH: 493.80
 Serial Number:
 Date: 12/09/2020
 HOBBS: 664.30

Squawk:
 3.1 Perform Engine Oil Change. Drained engine oil and serviced with (6) qts. of Phillips W20W50 engine oil in crankcase and added CAM Guard. Removed, cut open, and inspected spin on oil filter. Installed new oil filter (AA48108-2). Ground ran to check for leaks and proper operation. no leaks noted at this time and date. All work done IAW CIRRUS Maintenance Manual. No further discrepancies noted. I certify this aircraft to return to service in respect to the work performed.

Scott Lewallen  A&P 2786523

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →



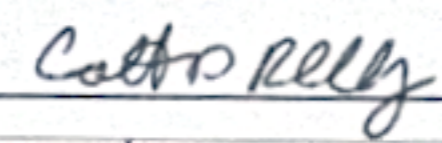
Registration: N855CD Date: 13 April 2021 Flight: 497.7 TT
 Make: Continental Model: IO-360ES S/N: 360352



Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions 5-20, Continental Motors ICA and Tanis Preheat ICA. The following work was completed: installed 8quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection with satisfactory results. Cleaned re-gapped and re-installed spark plugs, confirmed correct mag timing of 22 degrees before TDC, performed a differential compression test 1) 74/80 2) 74/80 3) 72/80 4) 52/80 5) 70/80 6) 60/80 master orifice 46 psi, Adjusted fuel flows and pressures to Cirrus Specifications. The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F. Leak check satisfactory. A post maintenance operation check was performed using Cirrus AMM 5-30 as a guide with satisfactory results.

(Reference work order: 1929)

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM and was determined to be in an airworthy condition.

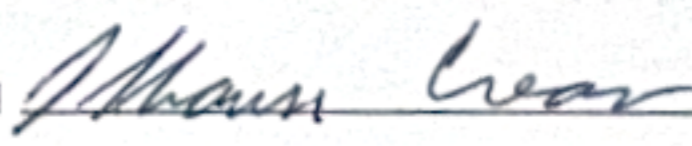
Scott P. Reilly:  Certificate #: A&P 33618011A

wo: 2081	Elite Aircraft Maintenance - 707 Rod Sullivan Rd - Sanford, NC 27330 - 9196651233	Engine - page 1 of 1
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N855CD
 Flight: 507.4
Continental, IO-360ES, S/N: 360352
October 27, 2021

1. Removed and inspected filter with no metal particulate noted. Installed new CH48108 filter and serviced engine with 8 quarts PHXC 20W50.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Elite Aircraft Maintenance under work order: 2081.

Jeffrey Shawn Crean A&P 3230521 

PCS ENGINES
 14833 SIDNEY-PLATTSVILLE RD
 SIDNEY OH 45365
 937-833-0843

WORK ORDER

WORK ORDER NO: 22061

To:

Ship To:

MODEL	BARREL	DESCRIPTION	MAKE	CLASS	CYL S/N
IO-360	STEEL	COMPLETE	CONTINENTAL	66	22061

DESCRIPTION OF WORK

Overhauled cylinder assy
 refaced seats and valves
 Pressure Tested springs
 Honed barrel
 Replaced exhaust valve and guide ,gapped rings
 Assembled valve assy and pressure checked , installed piston and rings

QUANTITY	PART DESCRIPTION
1	EXHAUST GUIDE
4	VALVE KEYS
1	RING SET
1	EXHAUST VALVE

CERTIFIES THAT THE WORK IDENTIFIED ABOVE WAS ACCOMPLISHED IN ACCORDANCE WITH TITLE 14, CODE OF FEDERAL REGULATIONS, PART 43 AND IN RESPECT TO THAT WORK, THE ITEMS ARE APPROVED FOR RETURN TO SERVICE IA A&P 400062798 Date June 7, 2022

concerning this invoice, call: Phillip Scadden, 937-833-0843

If you have any questions

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

ENGINE MODEL: IO-360-ES
 ENGINE S/N: 360352
 REG. NO: N855CD
 WORK ORDER: 09665-06-2022

US Flight Aircraft Maintenance
 CIRRUS AUTHORIZED SERVICE CENTER
 1 WALLINGFORD RD
 HANGAR 5 & 6
 Danbury, CT 06810 USA
 Phone: 914-288-8088

DATE: 29 June, 2022
 A/C TSN: 701.7
 ENG TT: 521.2
 FLIGHTTIME: 521.2


Engine Entries

1 Removed Engine Cowlings & Inspect engine.
 Found Oil Drain leaking oil. Cleaned oil from engine compartment, Engine, Nose Landing gear, Engine Cowlings & Belly of aircraft.
 Drain Engine oil from engine.
 Install new oil Drain P/N S6250 & safety.
 Service Engine with the original 7qts Phillips 20W50AD oil.
 Run engine and found cylinder #3 pushrod tubes leaking at the crankcase. Removed pushrod tubes and found the incorrect seal installed on the intake tube. Replaced both pushrod seals with a Real seal kit P/N RG-360PRT-6. Installed 2 new SA632210 cover gaskets. Work performed I/A/W CAT Manual M-0.
 Run engine, Operational checks airworthy.

2 Removed worn magneto harness & discard
 Installed a new Kelly ignition harness P/N KA12778, Date code 1121, See 8130 dated 2 Sep 2021.
 Ran engine and operational checks airworthy.

Technicians Who Worked On The Items Listed Above:
 Bernard Paquette, Deni Ruello, Ryan Lovelett, SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 29 June, 2022 SIGNED: 
 SCOTT SPLETZER, A&P: 3402681

Work Order: 09665-06-2022
 Printed by EBis 3 (datcomedia.com)

Date	Total Time	Time Since Last Overhaul	Remarks

ENGINE MODEL: IO-360-ES
 ENGINE S/N: 360352
 REG. NO: N855CD
 WORK ORDER: 09701-08-2022

US Flight Aircraft Maintenance
 CIRRUS AUTHORIZED SERVICE CENTER
 1 WALLINGFORD RD
 HANGAR 5 & 6
 Danbury, CT 06810 USA
 Phone: 914-288-8088


DATE: 05 August, 2022
 A/C TSN: 712.9
 ENG TT: 529.2
 FLIGHTTIME: 529.2

Engine Entries

1 COMPLY WITH CAT M-O R1 PROCEDURES AND SPECIFICATIONS FOR ADJUSTMENT OF CONTINENTAL AEROSPACE TECHNOLOGIES (CAT) CONTINUOUS FLOW FUEL INJECTION SYSTEMS.... Fuel pump pressures checked and adjusted I/A/W CAT Standard Practice Maintenance Manual M-0 Rev. 1.

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

The work performed has been approved for return to service.

DATE: 05 August, 2022 SIGNED: 
 SCOTT SPLETZER, A&P: 3402681

Work Order: 09701-08-2022
 Printed by EBis 3 (datcomedia.com)

Date	Total Time	Time Since Last Overhaul	Remarks

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ENGINE MODEL: IO-360-ES
ENGINE S/N: 360352
REG. NO: N855CD
WORK ORDER: 09850-03-2023



US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER
1 WALLINGFORD RD
HANGAR 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8086

DATE: 07 April, 2023
A/C TSN: 741.9
ENG TT: 548.3
TSMOH: 319.3
FLIGHTTIME: 548.3

Engine Entries

- 6 FUEL INJECTOR NOZZLES SERVICE DUE EA 300 HRS OR ANNUALLY PER CIRRUS SR-22 AMM 5-20 CHECKLIST AND TCM SID 05-7 ICA. AND GAMI IP-2001-02... Cleaned fuel injectors using ultra sonic method.
All work performed IAW CAT Manual M-0 and GAMI IP-2001-02
- 8 ENGINE INDUCTION AIR FILTER DUE FOR REPLACEMENT (ANNUALLY/200 HRS) OR 50% COVERED... Removed worn filter and discard.
Install new Induction air filters PN#BA-24
- 13 PROPELLER GOVERNOR OVERDUE FOR OVERHAUL/ EVERY 5 YEARS PER MCCAULEY SB 137... Removed this propeller governor P/N# C290D3-R/T23, S/N#070313 from N855CD for overhaul by West Coast Governors LLC
Installed overhauled Propeller Governor P/N C290D3-R/T23, S/N#753620.
Adjusted governor to obtain 2700 RPM.
- 14 ENGINE HOSES ARE 15 YEARS OLD (NOV 07)... Removed dated engine hoses and discard.
Installed New engine fuel hoses P/N 032503E0240F, AE7010001-E0330, AE7010001E0225, AE701010101E0074, AE7010101E274 and AE7010101G0353
Run Engine. Leak check airworthy
- 15 AD 2023-05-16, CRANKSHAFT COUNTERWEIGHT RETAINING RINGS, IS DUE... AD 2023-05-16 is N/A. Crankshaft counterweights are not affected by MSB 23-01A.
- 16 AD 2020-19-06, GOVERNOR BEARING INSPECTION, IS DUE. MCCAULEY ALERT SERVICE BULLETIN ASB273C... AD 2020-19-06 is N/A per ASB 273.
- 22 ALL ENGINE CYLINDER ROCKER COVER GASKETS LEAKING OIL... Removed #1,2,3,4,5,6 rocker covers and cleaned mating surfaces free of old gasket material.
Installed rocker covers with new gaskets P/N APS-655704-S.
- 23 ALL SPARK PLUGS DUE FOR REPLACEMENT
*6 WORN OUT
*6 FAILED RESISTANCE TEST... Replaced 12 spark plugs, PN#RHM38E

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

The work performed has been approved for return to service.

DATE: 07 April, 2023 SIGNED: Work Order: 09850-03-2023
Bernard Paquette, A&P: 445400371A Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES
ENGINE S/N: 360352
REG. NO: N855CD
WORK ORDER: 09850-03-2023



US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER
1 WALLINGFORD RD
HANGAR 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8086

DATE: 07 April, 2023
A/C TSN: 741.9
ENG TT: 548.3
TSMOH: 319.3
FLIGHTTIME: 548.3

Engine Entries

- 2 C/W CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION ON ENGINE... Engine Inspected using Cirrus SR-20 Aircraft 100hr/Annual maintenance manual inspection checklist. Performed satisfactory pre-inspection run up IAW CDC SR-22 AMM 5-30.
Performed cylinder differential pressure test; results as follows, CO/42 # 1) 68/80, #2) 69/80, # 3) 68/80, #4) 72/80, #5) 62/80, #6) 66/80.
Take oil sample for analysis & send to Blackstone labs.
Install new oil filter PN#aa48109, Service engine with 7qts Phillips 20w-50w oil & 1 qt Camguard.
Performed satisfactory ground functional checks.
AD's & MSB's ck thru biweekly 2023-06.
I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition.

I certify that this Engine has been approved for return to service.

DATE: 07 April, 2023 SIGNED: Work Order: 09850-03-2023
Bernard Paquette, IA: 445400371A Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

ENGINE MODEL: IO-360-ES
ENGINE S/N: 360352
REG. NO: N855CD
WORK ORDER: 09885-05-2023

US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER
1 WALLINGFORD RD
HANGAR 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8086

DATE: 19 May, 2023
A/C TSN: 743.4
ENG TT: 548.8
TSMOH: 319.8
FLIGHTTIME: 548.8

Log Entries

- 1 ELECTRONIC MAGNETO REQUESTED FOR ENGINE... Removed left magneto P/N 6314, S/N 12050695.
Installed a new Surefly ignition M/N SIM6C, S/N 6C-0723004 on the left side I/A/W STC SE04349CH and STC SA04378CH. SIM switches set to 24 degrees variable timing. See form 337 dated 19 May 2023.
Test run. No defects noted. Weight change negligible
- 3 BRAKES REPORTED WEAK... Bled brakes and fund no air.
Operationally checked good.

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

The work performed has been approved for return to service.

DATE: 19 May, 2023 SIGNED: Work Order: 09885-05-2023
SCOTT SPLETZER, A&P: 3402681 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-360-ES
ENGINE S/N: 360352
REG. NO: N855CD
WORK ORDER: 09885-05-2023

US Flight Aircraft Maintenance

CIRRUS AUTHORIZED SERVICE CENTER
1 WALLINGFORD RD
HANGAR 5 & 6
Danbury, CT 06810 USA
Phone: 914-288-8086

DATE: 19 May, 2023
A/C TSN: 743.4
ENG TT: 548.8
TSMOH: 319.8
FLIGHTTIME: 548.8

Log Entries

- 1 ELECTRONIC MAGNETO REQUESTED FOR ENGINE... Removed left magneto P/N 6314, S/N 12050695.
Installed a new Surefly ignition M/N SIM6C, S/N 6C-0723004 on the left side I/A/W STC SE04349CH and STC SA04378CH. SIM switches set to 24 degrees variable timing. See form 337 dated 19 May 2023.
Test run. No defects noted. Weight change negligible
- 2 ENGINE MAX RPM READING 2670... Set propeller governor to 2700 RPM.
- 4 FUEL FLOW REPORTED 16.6 GPH @ MAX RPM... Test ran engine and found 18 GPH at 2700 RPM.

Technicians Who Worked On The Items Listed Above:
SCOTT SPLETZER

The work performed has been approved for return to service.

DATE: 19 May, 2023 SIGNED: Work Order: 09885-05-2023
SCOTT SPLETZER, A&P: 3402681 Printed by EBis 3 (datcomedia.com)

