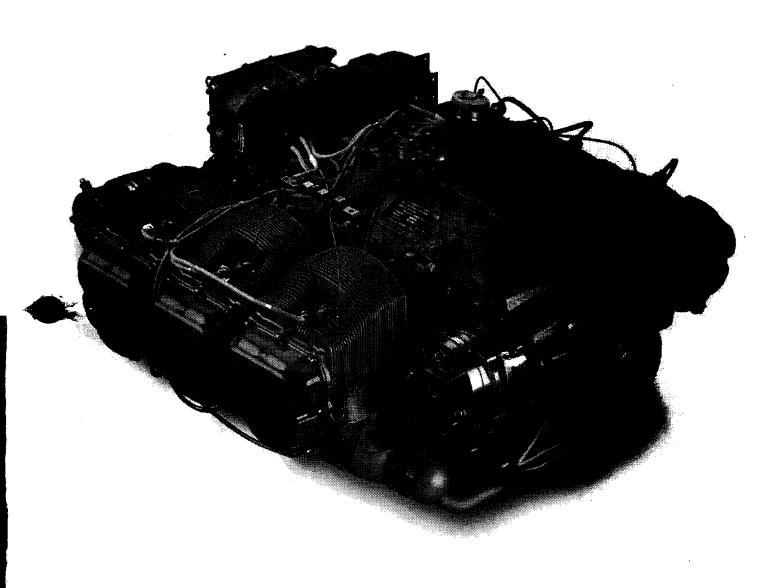
ENGINE LOG BOOK





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 Abbeville Industrial Park Suite 159 Abbeville, AL 36310

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



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 08/28/2003

This engine model 10360ES6

, Serial No. 357636 was manufactured on 08/28/2003

by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

Total Time Time Since Date Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections. Min. Hrs. Min. Modifications and Service Bulletins **ENGINE LOG** N8152N Make: Continental, Model: IO-360-ES, S/N: 357636 12DEC03 at 29.9 hrs Hobbs & Total Time Engine. Drained engine oil and refilled with Phillips 20W50 XC. Replaced oil filter CH48108. Inspected filter for contamination, none found. Ground run OK. W.O. M2440. Signed: for: Hillsbope Aviation Inc. FAA Approved Repair Station # LJER-093G 3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831 **END ENGINE LOG** N8152N Make: Continental, Model: IO-360-ES, S/N: 357636 27 January 2004 at 79.4 hrs Hobbs & Total Time Engine. Changed engine oil. Added 8 Qts of Phillips 20W50 XC oil and replaced filter CH48108. Inspected filter for contamination. None found. W.O. M2456. for: Signed: Hillsboro Aviation Inc. FAA Approved Repair Station # LJER-093G 3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831 **END ENGINE LOG** N927PP Make: Continental Model:IO-360-ES S/N: 357636 Hobbs: 121.7 March 23, 2004 Changed oil and filter. Cut and inspected filter. Serviced engine with 8qts Phillips X/C 20W50 oil. Operational and leak Check-OK. Hillsboro Aviation Inc. FAA Approved Repair Station # LJER-093G 3565 NE Cornell Road, Hillsboro, OR 97124 Phone (503)648-2831 **END** INSTALLED NEW EST PROBE IAW AMM CHAP 77-00. LUBED ALL ENGINE ITROLS IAU STANDARD MAINTENANCE

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



FAA CRS FCPR831D 7777 N.E. Airport Way Portland, OR 97218

DATE 6/04/2004 TAC/HM 173.6 N#927PP S/N 1367 Changed oil and oil filter p/n CH48108 added 8qts Phillips 20W50 oil. Ground run and leak checked Pertinent details of the work described above are on file at this agency under W.O.# 103755. Aircraft is airworthy and is approved for return to service this date with respect to the work performed. END. Flightcraft Portland RS# FCPR831D Bruce Stephanson

| | ENGINE MODEL | | Providente Almandi Comilaco Inc. | DATE: 7/10/2004 | |
|------|--|--|--|---|---|
| | IO-360-ES | • | Froutdale Aircraft Services, Inc. | AG TER 184.1 | |
| | ENGINE SAL 35 REG, NO: 927F | 1 | lepsir Station No. T9ZR725Y 250 NN/ Perimeter Way | A/C TSIE 194,1 BNG TT: 7.6 HOSSE: 194,1 | |
| | WORK ORDER: | | Trouddele, OR 97060 Thoma: 503-666-3636 | | |
| | Engine Ent | | | | |
| | | | stem set-up IAW SID97-3A Procedures and | Specifications for the Adjustment of TCM | |
| | | | Injection Systems dated 11-28-2001. | 4 | |
| | The siroraft ar details are on | nd or compo | net identiefied above was repaired in accompana spair station under the above west order sumber. | vells custent Federal Aviation Regulations. Pertinat Chief Impactor Boott K. Kenney | |
| | DATE: 7/16/2 | 004 | SIGNED: US | Work Order: 2082 | |
| | | | William Fermer | Printed by Ellie 3 (detoornedia.com) | |
| | - | | Certified Repair Station 116. 19217201 | | |
| | <u> </u> | | | | |
| - | 1 | | | | |
| | ENGINE MODEL: | Troutde | sie Aircraft Services, Inc. | DATE: 9/22/2004 | |
| 6 | C-360-58 ENGINE SAN: 357636 | Receiv Stati | ion No. 1929726Y | A/C T8H: 212.6 ENG TT: 26.1 | |
| — ; | REG. NO: 927PP MORK ORDER: 2139 | 1250 NW P | ertmeter Way OR 87980 | HO688: 212.6 | |
| | | Phone: 503- | 805-3416 | | |
| | Engine Entries | | | | |
| (| Changed oil using | ng Aerosha | ell 100 W . Filter was removed, cut, inspect | ed end OK. Installed CH48108 filter | |
| 8 | ind safety wired. E | naine wes | washed, ran and checked for leaks and Of | 4 4 4 4 | |
| | , | | AMERICAL TELL MICH CHOCKER SOL METER BILL CA | C(2) Spank plugs were | |
| | rleaned, gapped, te | st fired and | d found OK for return to service. Reinstelle | d spark plugs in engine performed ——— | |
| | leaned, gapped, te ingine run with Meg | st fired and | d found OK for return to service. Reinstelle | d spark plugs in engine performed ——— | |
| — ° | ricened, gapped, te rigine run with Meg he aircraft and or com | st fired and chack, Oi ponet identi | d found OK for return to service, Reinstaller k. effed above was received in accordance with curr | d spark plugs in engine performed | |
| — ° | ricened, gapped, te rigine run with Meg he aircraft and or com | st fired and chack, Oi ponet identi | d found OK for return to service. Reinstelle | d spark plugs in engine performed | |
| — c | ieaned, gapped, te rigine run with Meg he aircraft and or com etalls are on file at this | at fired and chack, Oi ponet identi repair stati | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with curr on under the above work order number. Chief ins | ent Federal Avistion Regulations. Pertinet pector Scott K. Kenney | |
| — c | ricened, gapped, te rigine run with Meg he aircraft and or com | et fired end j chaok, Oi ponet identi repair stati | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with curr on under the above work order number. Chief ins | d spark plugs in engine performed | |
| 0; | ieaned, gapped, te rigine run with Meg he aircraft and or com etalls are on file at this | of fired and chack, Oi ponet identic repair station SIGNE Willian | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with curr on under the above work order number. Chief Ins | ent Federal Avistion Regulations. Pertinet pector Scott K. Kenney | |
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| — c | Peaned, gapped, te ingine run with Mag he aircraft and or cometalts are on file at this PATE: 9/22/2004 | at fired and check, Oi ponet identi- a repair stati- SIGNE Willian Certifi | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with cum on under the above work order number. Chief ins ED: The Farmer and Repair Station No. T9ZR725Y | ent Federal Avistion Regulations. Pertinet pector Scott K. Kenney Work Order: 2139 Printed by EBIa 3 (datcomedia.com) | |
| — ci | Pleaned, gapped, te prigine run with Mag he aircraft and or cometalis are on file at this NATE: 9/22/2004 | st fired and chack, Oi ponet identi- repair stati- SIGNE Willian Certifi | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with cum on under the above work order number. Chief ins ED: TFarmer ed Repair Station No. T9ZR725Y Troutdele Aircraft Services, Inc. | ent Federal Aviation Regulations. Pertinet pector Scott K. Kenney Work Order: 2139 Printed by EBIs 3 (datcomedis.com) DATE: 11/16/2004 AC TBN: 2579 BNS TT: 51.4 | |
| — e | Peaned, gapped, te prigine run with Mag he sircraft and or cometalis are on file at this NATE: 9/22/2004 | st fired and check, Oi check, Oi ponet identic repair static SIGNE William Certific Certific 1357635 | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with curn on under the above work order number. Chief ins ED: TFARMER TOUTISE Station No. T9ZR725Y Troutise Aircraft Services, Inc. Repair Station No. T9ZR728Y 1250 NW Perimoter Way | ent Federal Aviation Regulations. Pertinet pector Scott K. Kennsy Work Order: 2139 Printed by EBIa 3 (datcomedia.com) DATE: 11/16/2004 AC TBN: 237.9 | |
| — ci | Peaned, gapped, te ingine run with Mag he sincreft and or cometaits are on file at this PATE: 9/22/2004 | st fired and check, Oi check, Oi ponet identic repair static SIGNE William Certific Certific 1357635 | d found OK for return to service, Reinstaller k. effed above was repaired in accordance with curr on under the above work order number. Chief ins ED: TFarmer and Repair Station No. TSZR725Y Troutdale Aircraft Services, Inc. Repair Station No. TSZR728Y | ent Federal Aviation Regulations. Pertinet pector Scott K. Kenney Work Order: 2139 Printed by EBIs 3 (datcomedis.com) DATE: 11/16/2004 AC TBN: 2579 BNS TT: 51.4 | |
| — ci | Peaned, gapped, te ringine run with Mag he sircraft and or cometals are on file at this ATE: 9/22/2004 ENGINE MO IC-360-B8 BROINE SM REO, NO: 38 WORK ORD | st fired and j chack, Oi ponet identic repair static SIGNE William Certific Certific 1799 ER: 2221 | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with curr on under the above work order number. Chief ins ED: TFarmer ed Repair Station No. T9ZR725Y Troutdale Aircraft Services, Inc. Repair Station No. T9ZR728Y 1250 NW Perimeter Way Troudale, OR 97060 Phone: 503-996-3838 | ent Federal Aviation Regulations. Pertinet pector Scott K. Kenney Work Order: 2136 Printed by EBIa 3 (datcomedia.com) DATE: 11/16/2004 Arc T8N: 237.9 EMG TT: 51.4 HOBBS: 237.9 | |
| — ci | Pened, gapped, te prigine run with Mag he sircraft and or cometalis are on file at the MATE: 9/22/2004 ENGINE MO IO-360-88 ENGINE SAN RESINE R | st fired and j chack, Oi ponet identic repair static SIGNE William Certific Certific 17PP ER: 2221 | d found OK for return to service. Reinstaller k. effed above was repaired in accordance with curn on under the above work order number. Chief ins ED: TFOUND TO THE TOWN TO THE TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN | ent Federal Aviation Regulations. Pertinet pector Scott K. Kenney Work Order: 2139 Printed by EBIs 3 (datcomedis.com) DATE: 11/16/2004 Ac TSN: 2579 ENG TT: 51.4 HOBBS: 237.9 | |
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| — c | eleganed, gapped, te ingline run with Mag he sincreft and or cometaits are on file at this extra section of the | st fired and check, Oi ponet identice repair statice SIGNE William Certific | d found OK for return to service. Reinstalled k. effed above was repaired in accordance with curron under the above work order number. Chief ins ED: Troutdele Aircraft Services, Inc. Repair Station No. TSZR725Y Troutdele Aircraft Services, Inc. Repair Station No. TSZR728Y 1250 NW Parimeter Way Troutdele, OR 97060 Phone: 503-696-3838 Engine has been inspected for annual inspel and FAR 43 appendix D and was found at this date and era se follows using 80ths | ent Federal Aviation Regulations. Pertinet pector Scott K. Kenney Work Order: 2136 Printed by EBIs 3 (datcomedia.com) DATE: 11/16/2004 Ac Ten: 237.9 ENG TT: 51.4 HOBBS: 237.9 section in accordance with the Cirrus SR 20 almoorthy for return to service. A compression as standard: A1:74 A2:74 A3:76 A4:75 A5:74 | |
| — c | Penned, gapped, te ingine run with Mag he sincreft and or cometalts are on file at the PATE: 9/22/2004 ENGINE MO IC-360-RB SE RIGHE SM REG. NO: 52 WORK ORD Engine E (2) I certification check was As 7.5 % As 7 | st fired and check, Oi chack, Oi chack, Oi ponet identic repair static SIGNE William Certific | d found OK for return to service. Reinstalled k. effed above was repaired in accordance with curr on under the above work order number. Chief ins ED: Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y Troutdale Aircraft Services, Inc. Repair Station No. T9ZR728Y 1250 NW Perimeter Wey Troutdale, OR 97080 Phone: 503-996-3838 Engine has been inspected for annual inspal and FAR 43 appendix D and was found a set this date and are as follows using 80 be counted the forward adopt of mixture control. | ent Federal Aviation Regulations. Pertinet peotor Scott K. Kenney Work Order: 2136 Printed by EBIa 3 (datcomedia.com) DATE: 11/16/2004 Arc TSN: 237.9 EMG TT: 51.4 HOBBS: 237.9 section in accordance with the Cirrus SR 20 aliworthy for return to service. A compression as standard: A1:74 A2:74 A3:78 A4:75 A5:74 arge area washer at fuel pump to prevent | |
| — c | ENGINE MO IO-360-RB REINGINE MO IO-360-RB RE | st fired and j chack, Oi chack, Oi ponet identic repair static SIGNE William Certific Certifi | d found OK for return to service. Reinstalled k. effed above was repaired in accordance with curr on under the above work order number. Chief installed the services of the s | ent Federal Aviation Regulations. Pertinet pector Scott K. Kenney Work Order: 2136 Printed by EBIa 3 (datcomedia.com) DATE: 11/16/2004 Arc T8N: 2379 EMG TT: 51.4 HOBBS: 237.9 section in accordance with the Cirrus SR 20 alimority for return to service. A compression as standard:A1:74 A2:74 A3:78 A4:75 A5:74 arge area washer at fuel pump to prevent blaced fuel pump vent line and broken adel | |
| — c | ENGINE MO ENGINE MO ENGINE MO ENGINE MO IC-160-180 ENGINE MO I | st fired and j chack, Oi ponet identice repair station william Certification (Certification) and the certifi | d found OK for return to service. Reinstalled k. effed above was repaired in accordance with curron under the above work order number. Chief installed k. ED: Troutdele Aircraft Services, inc. Repair Station No. TSZR725Y Troutdele Aircraft Services, inc. Repair Station No. TSZR728Y 1250 NW Perimeter Way 1700 NW Perimeter Wa | extino in accordance with the Cirrus SR 20 alrevorthy for return to service. A compression as standard:A1:74 A2:74 A3:78 A4:75 A5:74 arge area washer at fuel pump to prevent blaced fuel pump vent line and broken adel pine. | |
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| — e | Pened, gapped, te ingine run with Mag he sincreft and or cometalts are on file at the PATE: 9/22/2004 ENGINE MO IC-960-88 BRAINE BAN REG. NO: 92 WORK ORD Engine E (2) I certifi maintene check ws A6:75.++ chaffing clamp or details are recorded to the property of the pr | st fired end j chack, Oi ponet identic repair static SIGNE William Certifi 1357895 17PP ER: 2221 Entries by that this ince manuals performe 1++++(4) G on baffling. In motor mo aft and or core e on file at the | d found OK for return to service. Reinstalled k. effed above was repaired in accordance with curr on under the above work order number. Chief installed the services of the s | ent Federal Aviation Regulations. Pertinet pector Scott K. Kenney Work Order: 2136 Printed by EBIa 3 (datcomedia.com) DATE: 11/18/2004 Arc T8N: 2379 ENG TT: 51.4 HOBBS: 237.9 section in accordance with the Cirrus SR 20 alrworthy for return to service. A compression as standard: A1:74 A2:74 A3:78 A4:75 A5:74 arge area washer at fuel pump to prevent placed fuel pump vent line and broken adel gine. Inco with current Federal Aviation Regulations. Pertinet per. Chief Inspector Scott K. Kenney | - |

| ought Forward EN | nd safety wired. | Repair Statistics NW Portion NW P | on No. T9ZR725 primeter Way DR 97080 666-3838 ell 100 W . F Washed, ra- | Filter was removed, cut, inspected and OK. Installed CH48108 filter n and checked for leaks and OK. | edions, |
|---|---|--|---|---|---------------|
| EN REN REN REN REN REN REN REN REN REN R | Jabees GINE SIN 357636 GOINE SIN 357636 GOINE SIN 357636 GOINE SIN 357636 Indine Entries Changed oil us and safety wired. The aircraft and or costails are on file at the | Repair Statistics 1250 NW Perfoundate, Control Phone: 503- ring Aeroshe Engine was emponet ident his repair state | on No. T9ZR725 primeter Way DR 97080 666-3838 ell 100 W . F Washed, ra- | t Services, Inc. DATE: 12/21/2004 A/C TSN: 255 ENG TT: 69.5 HOBBS: 256 Filter was removed, cut, inspected and OK. Installed CH48108 filter in and checked for leaks and OK. | |
| E (1 | Jabees GINE SIN 357636 GOINE SIN 357636 GOINE SIN 357636 GOINE SIN 357636 Indine Entries Changed oil us and safety wired. The aircraft and or costails are on file at the | Repair Statistics 1250 NW Perfoundate, Control Phone: 503- ring Aeroshe Engine was emponet ident his repair state | on No. T9ZR725 primeter Way DR 97080 666-3838 ell 100 W . F Washed, ra- | Filter was removed, cut, inspected and OK. Installed CH48108 filter and checked for leaks and OK. | |
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| Ei (1 ar | ork order: 2266 Indine Entries Changed oil us Indicately wired. The aircraft and or co Etails are on file at the | Troutdale, C Phone: 503- sing Aeroshe Engine was simponet ident his repair stat | e66-3636 e66-3636 ell 100 W . F washed, ra | Filter was removed, cut, inspected and OK. Installed CH48108 filter and checked for leaks and OK. | |
| (1 ar Tr de |) Changed oil us nd safety wired. ne aircraft and or co stails are on file at the | Engine was imponet ident his repair stat | washed, ra | n and checked for leaks and OK. | |
| | etails are on file at t | his repair stat | iefied above v ion under the | | |
| | ATE: 12/23/2004 | SIGN | , | was repaired in accordance with current Federal Aviation Regulations. Pertinet above worklorder number. Chief Inspector Scott K. Kenney | |
| | | | IED: | Work Order: 2286 | |
| I | | | am Farmer Ned Repair St | Printed by EBis 3 (datcomedia.com) | |
| | | | <i>=/</i> | C E N T E R S We Make II Easy! | |
| | _ | | | P.O. Box 320159 | |
| | - | | | BIRMINGHAM, ALABAMA 35232 Ph. 205-591-6830 | |
| | - | | | CRS# Y4MR806Y | |
| | - neoteen te | TONI-110271 | D D | MODEL/SERIAL#:SR 20/ 1367 | |
| | REGISTRAT HOBBS/TAC | CH: 300.5 | <u>;</u> | ENGINE TOTAL TIME: PROPELLER TOTAL TIME : | |
| | _ TOTAL TIM | | _ | | |
| | aircraft and v all spark plug plugs. Reinst at 70 RPM ar | erified no l gs and foun alled and c nd right ma | eaks. On point of number 1 hecked for g drop 60 R | ts of Phillips 20W50XC oil and installed new CH48108-1 oil filter. Ran re-run found left magneto has 250+ RPM drop. Removed and Inspected 1 cylinder plug lead fouled, cleaned and regapped and retested all spark continuity, all checks satisfactory. Ran aircraft and found left mag drop RPM. All tests satisfactory. | i, . |
| | THE A/C CC | MPONEN LATIONS | T IDENTIF AND IS AI | FIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT RWORTHY WITH RESPECT TO THE WORK PERFORMED. | |
| | DETAILS O | N FILE W | O # BHM | DATE : 3-24-2005 | |
| | SIGNATOR | | + | | |
| ' | 1 | } | 1 | 1 | |
| _ | MERCURY | ' AIR CE | NTFD_I | BHM RS# Y4MR806Y | |
| _ | ENGINE | | /. T. II. IV. IV. IV. IV. IV. IV. IV. IV. IV | PARITE AND I TIVINGUU I | - |
| | REGISTRATIC | DN: N972PI | ? | MODEL/SERIAL#: 367 | ×. |
| | HOBBS/TACH SMOH: | | <u>-</u> | ENG TOTAL TIME: | |
| | 1. Adjusted idl | | | | |
| | | inspected a | nd replaced | the oil filter. Serviced with 8 qts of Phillips 20W50. heek proved satisfactory. | |
| | | aa Regu | | IFIED ABOVE WAS REPAIRED AND INSPECTED LA.W. AND IS AIRWORTHY WITH RESPECT TO THE WORK | |
| | DETAILS ON | FILE W. | # 10131 | | |
| | SIGNATURE | Char | (JU) | DATE :5/17/05 | |

| | MERCURY AIR CENTER-BHM ENGINE | RS# Y4MR806Y | ns, | | | | | | |
|---|--|---|--|--|--|--|--|--|--|
| | REGISTRATION: N927PP HOBBS/TACH: 392.1 | MODEL/SERIAL#: <u>1367</u> ENG TOTAL TIME : | | | | | | | |
| | SMOH: _ Drained oil, inspected and replaced the oil filter. Set and leak check proved satisfactory. | rviced with 8 qts of Phillips $20W50~\mathrm{X/C}$. Ground run | | | | | | | |
| | THE A/C COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAA REGULATIONS AND IS AIRWORTHY WITH RESPECT TO THE WORK PERFORMED. | | | | | | | | |
| | DETAILS ON FILE W.O. 10323 | • | | | | | | | |
| | SIGNATURE HAS MITTURE | DATE :6/24/05 | | | | | | | |
| | | | | | | | | | |
| | _ MERCURY AIR CENTER-B | BHM RS# Y4MR806Y | | | | | | | |
| | REGISTRATION: N927PP HOBBS/TACH: 452.0 Drained oil, inspected and replaced the and leak check proved satisfactory. | MODEL/SERIAL#: 1367 A/F TOTAL TIME: ne oil filter. Serviced with 8 qts of Phillips 20W50XC. Ground run | | | | | | | |
| | CURRENT FAA REGULATIONS | FIED ABOVE WAS REPAIRED AND INSPECTED I.A.W. AND IS AIRWORTHY WITH RESPECT TO THE WORK | | | | | | | |
| | PERFORMED. | | | | | | | | |
| | PERFORMED. DETAILS ON FILE W.O. # 10378 | | | | | | | | |
| | 2 | DATE :8/12/05\ | | | | | | | |
| | DETAILS ON FILE W.O # 10378 SIGNATURE | DATE :8/12/05\ | | | | | | | |
| DLK | DETAILS ON FILE W.O \$ 20378 SIGNATURE | DATE :8/12/05\ 1 770-427-4954 # 5533 | Pg | | | | | | |
| *** EN RAN EN ALL SE CHECKS AND SA MAINTE THIS IN ACC RETURE | 2601 Cessna Lane Kennesaw, GA 30144 LOG ID# 6813 30-September-2005 WO: N927PP S/N 1367 CIRRUS SR20 HOBBS 494.8 TIENG 494.8 NGINE LOG BOOK *** NGINE LOG BOOK *** NGINE TO WARM OIL. DRAINED OIL. CHECKED PARK PLUGS P/N RHM38E. SERVICED WITH PHILES OF SORMAL. NO OIL LEAKS NOTED. RETORQUED AFTIED. REPLACED #5 EXHAUST HEADER P/N 10: ENANCE RELEASE. AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR | DATE:8/12/05\ 1 770-427-4954 # 5533 AND REPLACED OIL FILTER - NO METAL NOTED. REPLIEDS 20W50XC OIL. WASHED ENGINE, RAN ENGINE ALL ROCKER COVER SCREWS. RETORQUED TACH GENEROUSSI.002. PPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSIF THE FEDERAL AVIATION REGULATIONS AND IS APPRES 5533 AT REPAIR STATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL AVIATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL STATION DK7R795J. | PLACED - ALL RATOR PECTED OVED FOR | | | | | | |
| *** ER RAN ER ALL SI CHECKS AND SA MAINTE THIS A IN ACC RETURN THE R | 2601 Cessna Lane Kennesaw, GA 30144 LOG ID# 6813 30-September-2005 WO: N927PP S/N 1367 CIRRUS SR20 HOBBS 494.8 TIENG 494.8 NGINE LOG BOOK *** NGINE LOG BOOK *** NGINE TO WARM OIL. DRAINED OIL. CHECKED PARK PLUGS P/N RHM38E. SERVICED WITH PHIL S NORMAL. NO OIL LEAKS NOTED. RETORQUED AFTIED. REPLACED #5 EXHAUST HEADER P/N 10 ENANCE RELEASE. AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR AIR CORDANCE WITH CURRENT MAINTENANCE RULES OIN NTO SERVICE FOR WORK PERFORMED UNDER WO# | DATE:8/12/05\ 1 770-427-4954 # 5533 AND REPLACED OIL FILTER - NO METAL NOTED. REPLIEDS 20W50XC OIL. WASHED ENGINE, RAN ENGINE ALL ROCKER COVER SCREWS. RETORQUED TACH GENEROUSSI.002. PPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSIF THE FEDERAL AVIATION REGULATIONS AND IS APPRES 5533 AT REPAIR STATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL AVIATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL STATION DK7R795J. | PLACED - ALL RATOR PECTED OVED FOR | | | | | | |
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| *** ER RAN ER ALL SI CHECKS AND SA MAINTE THIS A IN ACC RETURN THE R | 2601 Cessna Lane Kennesaw, GA 30144 LOG ID# 6813 30-September-2005 WO: N927PP S/N 1367 CIRRUS SR20 HOBBS 494.8 TITENG 494.8 NGINE LOG BOOK *** NG | DATE:8/12/05\ 1 770-427-4954 # 5533 AND REPLACED OIL FILTER - NO METAL NOTED. REPLIEDS 20W50XC OIL. WASHED ENGINE, RAN ENGINE ALL ROCKER COVER SCREWS. RETORQUED TACH GENEROUSSI.002. PPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSIF THE FEDERAL AVIATION REGULATIONS AND IS APPRES 5533 AT REPAIR STATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL AVIATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL STATION DK7R795J. | PLACED - ALL RATOR PECTED OVED FOR | | | | | | |
| *** ER RAN ER ALL SI CHECKS AND SA MAINTE THIS A IN ACC RETURN THE R | 2601 Cessna Lane Kennesaw, GA 30144 LOG ID# 6813 30-September-2005 WO: N927PP S/N 1367 CIRRUS SR20 HOBBS 494.8 TITENG 494.8 NGINE LOG BOOK *** NG | DATE:8/12/05\ 1 770-427-4954 # 5533 AND REPLACED OIL FILTER - NO METAL NOTED. REPLIEDS 20W50XC OIL. WASHED ENGINE, RAN ENGINE ALL ROCKER COVER SCREWS. RETORQUED TACH GENEROUSSI.002. PPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSIF THE FEDERAL AVIATION REGULATIONS AND IS APPRES 5533 AT REPAIR STATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL AVIATION DK7R795J. PERTINENT DETAILS TO THE PEDERAL STATION DK7R795J. | PLACED - ALL RATOR PECTED OVED FOR | | | | | | |

| - | | ERCUI GINE | RY AIF | R CENT | ER-BHM | I | RS# Y4MR806Y | | ections, | |
|---|--|---|---|--|--|---|--|--|--|--------|
| | HO | | FION: <u>NS</u> CH: <u>51</u> | | | | MODEL/SERIAL#: <u>13</u> ENG TOTAL TIME : <u>5</u> | | | _ |
| | 1. C 2. E 3. C 4. Ii 5. R 6. S 7. R 8. C new | Complete Orained of Compress Installed a Replaced Recured b Replaced Complete Imag on the | il, inspection checks new star one chafe affle seal the fwd rid the 500 the right s | ted and rep ted: #1-77/ ter drive as ed ignition fwd of alto ight inducts hr mag in side p/n 63 | laced the oi 80, #2-78/8/ ssy p/n 6462 lead and sec ernator. ion drain tul | 1 fifte 0, #3- 220A: cured the sup replace 31296 | other leads as necessary. pport clamp. sed point and distributor assy in the left m | | | _ |
| | CUR | A/C (RENT FORME | FAA RE | IENT IDI EGULATIO | ENTIFIED ONS AND | ABO IS | OVE WAS REPAIRED AND INSPE AIRWORTHY WITH RESPECT TO | CTED I.A.W. THE WORK | | _ |
| | | AILS OI | N FILE W | 10 J 100 | 99 Wek | | DATE : <u>11/3/05</u> | | | _ _ |
| _ | <u> </u> | • | NO2 | 7DD MA | VE. CID | DUC | MODEL CDAN CON 1267 | _ | | _ |
| | REMOVE | D ENG | | ND SE | <u>IM: 661.9.</u> NT TO T | | S, MODEL: SR20, S/N: 1367, WO: SH-06-0524. FOR REPAIR. AIRCRAFT HI | M: 661.9, — | | _ |
| | ACTT: 66 THE AIRCRAFT, AI REGULATIONS OF | IRFRAME. A | RCRAFT FNO | TINE PROPELL | ER OR APPLIAN | CE IDE | NTIFIED ABOVE WAS REPAIRED AND INSPECTED IN AC D AIRWORTHY AND IS APPROVED FOR RETURN TO SEF | CORDANCE WITH CURRENT | | _ |
| | OF THE REPAIR AF | <u>Uman</u> | AT THUS REPA | Sout | | | DATED: | 3/5/06 — | _ | |
| | | TE AERO, IŅ | C. C.R.S. A | HTR102C 561 | 0) FLIGHTLINE | DRIVE | EVANSVILLE IN | _ | | 7 |
| _ | DATE: Sept. 19, 2006 | _ | ENGI | NE MODE | EL: •360-ES | | ENGINE S/N: 357636 | ENGING T.T.: 661.9 | | _ |
| | Continental Moto S/N S05LA090, connecting rod be new connecting AE06AA789. Cy ignition harness injection nozzle 9.80. Complied indications noted visual inspection production accep above and was defined. | rs Instr new se olts and rods P. Inders P/N 64 kit P/N with A , crank at enginance to etermin Teledy | uctions als, gas nuts, n/N 654 repaire 3249. 632147. D 97-2 shaft is me assered to be ne Cont | ed, clean for Con skets, "Cew pisto 793A1 Sed and fit Installed A3. Installed VA3. Installed VAR formbly, all edure and airworth | AA REPA 39 Broad led, inspectinued A: O" rings, n pins an S/N's AE ted with r I new ma alled new ankshaft rging. Co retainers d accepted by with re | AIR Strected, irwo loc loc d ha loc | STATION No. TLYR435X set Mobile, Alabama 36615 , repaired as required and reasser orthiness. Engine assembled w k tabs, main bearings, thrust v urdware as required. Installed 12 AA723, AE06AA719, AE06AA piston rings by TCM Mattituck S old valve support bracket P/N 6570 ection, by visual, magnetic part ied with AD 93-10-02, Cylinder rectly installed. Engine tested in certify that this engine has been at to the work performed. Lepair Station TLYR435X under AUTHORIZATION: R.M. Robby | ith new crankcase P/N washers, connecting room to new lifters P/N 65390 604, AE06AA605, AE Services see \$130-3. In 646507. Installed new 46 and new thru bolt Proceed and Ultrasonic Installed accordance with TCM inspected and repaired a W/O 7506WR37. | 653681A9, d bearings, 6. Installed 606AA788, stalled new tuned fuel 7N 652420- pection, no allation, by 's standard as indicated | |
| • | | - | | <u> </u> | | | | | | - |
| _ | | | | | | | | | | 1 |

| Date | N927PP, MAKE: CIRRUS, MODEL: SR20, S/N: 1367, <u>HM: 661.9.</u> WO: SH-06-0524. | ord |
|----------|---|---|
| ught For | REINSTALLED ENGINE FOLLOWING REPAIR AT TCM ON THEIR W/O #7506WR37. AIRCRAFT TIMES ARE SAME AS ABOVE. INSTALLATION DONE IN ACCORDANCE WITH AMM 71/00/00. GROUND RAN AND LEAK CHECKED NO DEFECTS NOTED AT THIS TIME.* ADJUSTED ENGINE FUEL INJECTION SYSTEM TO OBTAIN PROPER FUEL FLOW AND IDLE MIXTURE.* | tions, |
| | THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION SIGNED TALSTATE AERO, AC. C.R.S. ANTRIOLC 6101 FLIGHTLINE DRIVE EVANSVILLE, IN | |
| | | |
| | Avtech Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@allte. Engine Entry: N927PP TCM 10360ES6B S/N 357636 Date: 10/30/06 Hobbs: 679 TTE: 679 Performed the following maintenance/ repairs: Completed Annual inspection utilizing Cirrus Maintenance Manuals and as per Appendix D. Engine Cowling Visual Inspection for cracks, distortion, and loose or missing fasteners, perform cosnetic nor repair of cowling nose bowl area, replaced landing light lens. Perform an Engine Operational Inspection in accordance with Continentals Motors Maintenance Manual, Section 5. No oil Change This time. Battery 1 Perform Electrolyte Level Check, Mass Unit Perform Inspection/Check - Master Control Unit, correctly reseal meu. Engine Compression Functional Inspection in accordate in accordance with Teledyne Continentals Motors Overhaul Manual 72-40. Spark Plug Cable Leads Visual Inspection for general condition. Magneto's perform magneto to engine timing Engine Baffling and Seals Visual Inspection for cracks, tears, and rips, cabin heat cold intake flange broken right aft baffle Perform inspection no. Legt probe found within specs secure leads and treat with stabilant 22. Induction System Filter Visual Inspective propeller, and Mixture Control Cable Visual Inspection for security and condition of cotter pins, castellated nuts, and oversize | r FAR 43.9 n-structural n Teledyne ter Control dance with re-gap and or chafing, check/ set, replaced, pection for e. Throttle, |
| | propeller cable jam nut loose at governor tighten to specs, adjust governor to proper specs. Starter Visual Inspection for se condition, starter relay cracked, replaced starter with new (656181), route starter positive lead to proper orientation. Fuel Injectic Visual Inspect nozzles and manifold valve for fuel stains, security, and proper venting. Gascolator Fuel Filter and Bowl, Drain replaced seals. Exhaust System Perform Inspection/Check - Exhaust System, removed incorrect exhaust flange gaskets (6) installed correct gaskets (6) RA630365. Breather Tube Visual Inspection for obstructions and security. Checked and com Airworthy Directives to date, see comphance report in aircraft records. Perform an airplane run-up in accord. Operational/Functional Check in SR20 AMM Section 5-30. After completing the Operational Check, perform a walk around to cleaks or other abnormalities, none noted. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE of ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. | ecurity and on Nozzles and clean, 77611 and oplied with lance with detect fluid |
| | condition, starter relay cracked, replaced starter with new (656181), route starter positive lead to proper orientation. Fuel Injectic Visual Inspect nozzles and manifold valve for fuel stains, security, and proper venting. Gascolator Fuel Filter and Bowl, Drain replaced seals. Exhaust System Perform Inspection/Check - Exhaust System, removed incorrect exhaust flange gaskets (6) installed correct gaskets (6) RA630365. Breather Tube Visual Inspection for obstructions and security. Checked and com Airworthy Directives to date, see compliance report in aircraft records. Perform an airplane run-up in accord. Operational/Functional Check in SR20 AMM Section 5-30. After completing the Operational Check, perform a walk around to cleaks or other abnormalities, none noted. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. | on Nozzles and clean. 77611 and applied with lance with detect fluid WITH AN |
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| | condition, starter relay cracked, replaced starter with new (656181), route starter positive lead to proper orientation. Fuel Injectic Visual Inspect nozzles and manifold valve for fuel stains, security, and proper venting. Gascolator Fuel Filter and Bowl, Drain replaced seals. Exhaust System Perform Inspection/Check - Exhaust System, removed incorrect exhaust flange gaskets (6) installed correct gaskets (6) RA630365. Breather Tube Visual Inspection for obstructions and security. Checked and com Airworthy Directives to date, see compliance report in aircraft recompleting Perform an airplane run-up in accord Operational/Functional Check in SR20 AMM Section 5-30. After completing the Operational Check, perform a walk around to deleaks or other abnormalities, none noted. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Avtech Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@alltel.Engine Entry: N927PP | ecurity and on Nozzles and clean. 77611 and oplied with lance with detect fluid WITH AN 0878351A |
| | condition, starter relay cracked, replaced starter with new (656181). Toute starter positive lead to proper orientation. Fuel Injectic Visual Inspect norzles and manifold valve for fuel stains, security, and proper venting. Gascolator Fuel Filter and Bowl, Drain replaced seals. Exhaust System Perform Inspection/Check - Exhaust System, removed incorrect exhaust flange gaskets (6) installed correct gaskets (6) RA630365. Breather Tube Visual Inspection for obstructions and security. Checked and com Airworthy Directives to date, see compliance report in aircraft records. Perform an airplane run-up in accord. Operational/Functional Check in SR20 AMM Section 5-30, After completing the Operational Check, perform a walk around to cleaks or other abnormalities, none noted. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Avtech Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@alltelengine Entry: N927PP ICM 10360ES6B S/N 357636 Date: 11/24/06 Hobbs: 684 TTE: 684 Performed the following maintenance/ repairs: Diagnosis cylinder one rich condition found faulty injector. Installed new injector position (1191) Perform an airplane run-up in accordance with Operational/Functional Check in SR20 AMM Section 5-completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. | on Nozzles and clean. 77611 and oplied with lance with detect fluid WITH AN 0878351A |
| | condition, starter relay cracked, replaced starter with new (656181). Toute starter positive lead to proper orientation. Fuel Injectic Visual Inspect norzles and manifold valve for fuel stains, security, and proper venting. Gascolator Fuel Filter and Bowl, Drain replaced seals. Exhaust System Perform Inspection/Check - Exhaust System, removed incorrect exhaust flange gaskets (6) installed correct gaskets (6) RA630365. Breather Tube Visual Inspection for obstructions and security. Checked and com Airworthy Directives to date, see compliance report in aircraft records. Perform an airplane run-up in accord. Operational/Functional Check in SR20 AMM Section 5-30, After completing the Operational Check, perform a walk around to cleaks or other abnormalities, none noted. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Avtech Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@alltelengine Entry: N927PP ICM 10360ES6B S/N 357636 Date: 11/24/06 Hobbs: 684 TTE: 684 Performed the following maintenance/ repairs: Diagnosis cylinder one rich condition found faulty injector. Installed new injector position (1191) Perform an airplane run-up in accordance with Operational/Functional Check in SR20 AMM Section 5-completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted. | on Nozzles and clean. 77611 and oplied with lance with detect fluid WITH AN 0878351A |
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| Date | Tota | l Time | | Since verhaul | Engine Service and Maintenance Record |
|-----------------|----------------|--------------|---------------|------------------|---|
| | Hrs. | Min. | Hrs. | Min. | Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
| Brought Forward | | — | | | |
| | | | | | |
| | | | | | Changed Oil & Filter with Aeroshell 15w50. Cut Filter |
| | | | | | and no contamination noted. Performed engine run-up and functional check. All Normal. |
| | | | | | Wade R Coggin, Com. Pilot 2741102 |
| | | | | | 1N-11tm |
| | | | | | N72199 Date 1280 Hobbs 690 Serial# 1367 |
| _ | | | | | 1006 |
| | | | | | <u> </u> |
| | | | | | Changed Oil & Filter with Aeroshell 15w50. Cut Filter |
| | | | | | and no contamination noted. Performed engine run-up |
| | | | | | and functional check. All Normal. |
| | | | | _ | Wade R Obegin Com. Pilot 2741102 |
| | | | <u> </u> | | N_{127} Date 13 Hobbs 734 Serial# 1367 — |
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| 🐼 | CIRRUS CO | | | | Avtech |
| | Flei | ming-Ma: | son Airpo | rt (FGX) | 7079 Airport Rd. Maysville, KY 41056 Ph:606-742-2084 avtech@alltel.net |
| D.at | and the second | 11 | <u>TC3</u> | 110360ES | Engine Entry: N927PP 66B S/N 357636 Date: 11/01/07 Hobbs: 781 TTE: 781 |
| —— Арро | endix D - F | ingine Cov | aling Visua | al Inspectio | Completed Annual inspection utilizing Cirrus Maintenance Manuals and as per FAR 43.9 on for cracks, distortion, and loose or missing fasteners. Perform an Engine Operational |
| insta | lled AA481 | 08 filter ai | nd service v | vith 8 qts A | cutals Motors Maintenance Manual. Section 5. Change oil/filter, cleaned suction screen, secoshell 15W50. Battery I Perform Electrolyte Level Check, Master Control Unit Perform |
| - Fngi | ne Compres | ssion Func | nonal Inspe | etion in ac | 002S s/n 92633. Alternator two replaced with exchange unit BC410X s/n 034256KX, cordance with Teledyne Continentals Motors Service Bulletin SB03-3, #1~72 #3~66 #5~66 |
| 40.5 | ipark Plug (| able Lead | ls Visual In | spection fo | re-gap and rotate in accordance with Teledyne Continentals Motors Overhaul Manual 72- r chafing, corrosion, and deposits. Air Intake Ducts Visual Inspection for general condition. |
| Syste | em Filter V | isual Inspe | ection for se | curity, gen | neck/ set. Engine Baffling and Seals Visual Inspection for cracks, tears, and rips. Induction eral condition, and cleanliness, replaced with new. Alternate Air Door Check operation of |
| casto | llated nuts. | and overs | ized washe | rs, propelle | and Mixture Control Cable Visual Inspection for security and condition of cotter pins, in cable jam nut loose at governor tighten to specs, adjust governor to proper specs. Starter |
| | | | | | el Injection Nozzles Visual Inspect nozzles and manifold valve for fuel stains, security, and I. Drain and clean, replaced seals, Exhaust System Perform Inspection/Check - Exhaust |
| Syst | em, re insta | dled heat c | xehanger a | fter repair | 8130-3 in records. Breather Tube Visual Inspection for obstructions and security. Checked , see compliance report in aircraft records. Perform an airplane run-up in accordance with |
| ()pe | rational/l·ur | ictional CI | ieck in SR2 | 0 AMM So | ection 5-30. After completing the Operational Check, perform a walk around to detect fluid ERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN |
| AN | NUAL INST | PECTION | AND WAS | DETERM | INED TO BE IN AIRWORTHY CONDITION. 3000878351A |
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| T | | | | + | |
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Heart of Virginia Aviation 12/13/2007 N927PP Hobbs Time 805 Work Order 07-1510 ervice and Maintenance Record Engine compressions as follows: #1 66/80 #2 70/80 #3 72/80 #4 76/80 #5 pections, Airworthiness Directives, Special Inspections, 76/80 #6 72/80. Drained oil and collected sample for analysis. Removed oil filter d Service Bulletins for inspection. No defects noted. Removed suction strainer for inspection. Found nothing abnormal. Re-installed suction strainer. Installed new CH48108-1 oil filter. Serviced engine with 8 gts Aeroshell 15W50 oil. Cleaned engine, Leak check and ops check ok. Visually inspected engine compartment. Checked all engine controls for proper travel. Ops check good. Heart of Virginia Aviation 1/28/2009 N927PP Hobbs Time 830.5 Work Order 08-1561 Removed alternator, p/n ES4024LPR, s/n E120946, installed new alternator, p/n 654200A1, s/n G100770. Ops check ok. Ran engine. Drained oil. Collected oil sample for analysis. Removed oil filter for inspection. No defects noted. Installed ew CH48108-1 oil filter. Serviced engine with 8 qts Aeroshell 15W50 oil. Washed engine. Leak check and ops check ok. Cleaned, gapped and rotated sparkplugs. KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500 **Heart of Virginia Aviation** 5/16/200 N927PP Work Order 08-1728 Hobbs Time 892.2 Removed old injectors and installed GAMIjectors, p/n TIG360-10J, s/n 17925 in accordance with STC # SE09963SC. Ground run and leak check ok. Filed FAA KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500 Form 337. Heart of Virginia Aviation ¬N927PP 4/30/2008 KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-65 EngineTT 884.3 Work order 08-1673 Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Compressions: #1 /80 #2 /80 #3 /80 #4 /80. Drained oil. Removed and inspected filter. No defects noted. Installed a new CH48108-1 oil filter. Serviced engine with 8 qts. of Aeroshell 15W50 oil. Installed 12 new sparkplugs, p/n RHM38E. installed new spring on # 6 cylinder baffling. Adjusted prop gov cable mount. Placed high temp silicone between # 2-6 cylinders interbaffling spring and # 2 CHT and fuel overflow. Installed exhaust nut on # 5 cylinder. Trimmed mixture rod end washer to prevent rubbing on baffling. Re-routed # 1 CHT wire to prevent rubbing on mixture cable. Installed new RH mag gasket. Installed new LH mag, p/n 6314, s/n 98071310 with new gasket. Installed new # 4 cylinder rocker box cover gasket. Replaced pilot side mag wire bracket. Fabricated new induction air filter bracket. Installed new gaskets on #6 & 3 intake tubes. Installed new # 1 intake tube, p/n 655230-1. Checked magneto timing and ignition harness, Installed new induction air filter. I certify that this engine has been inspected in accordance with a 100 hour KÖFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500

| 1 | | 2. | | 2 E . T. P. M. I | | | |
|---------------------------------|---------------------------|---|--|---|--|--|--|
| 1. Approving National Aviation | | | 3. Form Tracking Number: | | | | |
| Authority/Country: | | AUTHORIZED RELI | SAME AS BLOCK 5 | | | | |
| FAA/Unit | ed States | FAA FORM 8130-3, AIRWOI | RTHINESS APPROVAL TAG | | | | |
| 4. Organization Name and | Address: | C | | 5. Work Order/Contract/Invoice Number: | | | |
| | | rne Continental Moto Broad Street | O rs PC #508 | P61825 | | | |
| | | , Alabama 36601 | | | | | |
| 6. Item | 7. Description | | 8. Part Number: | 9. Eligibility:* | | | |
| 1 | TUBE-IND | OUCTION CYL #1 | 655230-1 | N/A | | | |
| 10. Quantity: | 11. Serial/Batch Number: | | 12. Status/Work: | | | | |
| 1 | N/A | | NEW | 1 | | | |
| 13. Remarks: | | _ | | | | | |
| 14. Certifies the items | | manufactured in conformity 10: ondition for safe operation. | Certifies that unless otherwise specified in Fideschied in Block 13 was accompanied in Figure 1 was accompanied in Figure 1 with a figure 1 was accompanied in Figure 1 with a figure 1 was accompanied in Figure 1 with a figure 1 was a figure 1 with a figure 1 with a figure 1 was a figure 1 with a figure 1 with a figure 1 was a figure 1 with a f | | | | |
| 15. Authorized Signature: | 0 1 | 16. Approval/Authorization No.: | 20. Authorized Signarure: | 21. Approval/Certificate Number: | | | |
| Manuel | L Nuful | DMIR#CE-511010 | xxxxxxxxxxxxxx | xxxxxxxxx | | | |
| 17. Name (Typed of Printed | i): | 18. Date (m/d/y): | 22. Name (Typed or Printed): | 23. Dare (m/d/y): | | | |
| Daniel L | . Nicholas | APR/25/2008 | xxxxxxxxxxxxxx | XXXXXXXXX | | | |
| User/Installer Responsibilities | | | | | | | |
| Ir is important to unde | rsrand rhat rhe exisrence | of rhis documenr alone does not automatically o | constitute authority to install the part/compone | nt/assembly. | | | |
| | | th the national regulations of an airworthiness au his/her airworthiness authority accepts parts/con | | | | | |
| | | ate installation certificarion. In all cases, aircraft r fore the aircraft may be flown. | naintenance records must contain an installatio | n certification issued in accordance with | | | |

| | | Heart of Virginia Avia | tion | | | |
|-------------|--|---|--|--|--|---|
| | N927PP H | lobbs Time 909.8 | 6/10/20 Work Order 08-17 | ections, | e and Maintenar Airworthiness Directives, S | |
| | inspected remaining intake | tubes for cracks using t | ew gasket, p/n 654227. Visua the dye penetrant method. No with new gaskets, p/n 654227 | • [| Bulletins | |
| ŀ | | | | | Heart of Virginia Avi | ation |
| | | | | N927PP | Tach Time 976.7 | 8/14/2008 Work Order 08-1796 |
| | Carl C. Clarke AP3163115 | | _ | 9 | 1, 3 and 6 GAMI injectors, p/n GA7 and reinstalled spark plugs. Ran e | |
| · · · | KOFP - 11152 Airp | ark Road - Ashland - VA | http://www.flyhova.com/hanove \- 23005 (804)798-6500 | 1 | M. D. | |
| | | | | Kevin M. Grey | AP2793199 | |
| '[| | eart of Virginia Aviatio | | | | / - 140 ··· |
| | 927PP ngineTT 981.1 | | 8/21/2000 Work order 08-1846 | | | http://www.flyhova.com/hanover |
| | amplied with a 100 baur inco | action in accordance wi | th FAR 43 Annondiv D | KOFP - | 11152 Airpark Road - Ashland - V | A - 23005 (804)798-6500 |
| • | omplied with a 100 hour insp ompressions as follow: #1 7 | | • - | | | |
| | 2/80. Drained oil. Removed a A48108 oil filter. Serviced en | • | lefects noted. Installed a new shell 15W50 oil. Cleaned | | Heart of Virginia Av | iation |
|) s | apped, tested, and rotated sp | arkplugs. Removed and | inspected all induction | N927PP EngineTT : 104 | Tach Time : 1085.8 | 12/17/200 Work order : 08-2001 |
| A R m | djusted idle to 750 rpms. Inst | alled all new valve cove led with new gasket, p/r Checked magneto timin ter. I certify that this eng | n 10-400613. Internally timed ng and ignition harness. ine has been inspected in | Complied with a D. Compression 78/80. Drained | a 100 hour/annual inspection in ac ns as follow: #1 76/80 #2 76/80 : | cordance with FAR 43 Appendix 13 76/80 #4 76/80 #5 80/80 #6 No defects noted. Installed a new |
| | inworthy condition. | ahr. | | harness. Repla Re-installed an 0284 by perform has been inspe | ning exhaust inspection. No defe | |
| | Carl C. Clarke AP3163115 | | <u>Lan</u> | | | |
| ļ | KOFP - 11152 Airpari | Road - Ashland - VA - 2 | http://www.flyhova.com/hanover 23005 (804)798-6500 | • | | |
| | Heart | of Virginia Aviation | | ļ | | |
| 1927 | PP Hobi | os : 1197.9 | 5/15/2009 Work Order : 09-2228 | Tim Brooks AP | 3350377IA | |
| | ced broken terminal at alterna Blended out nick in prop. | nor one and repaired bro | oken wire at alternator | KOFP | 11152 Airpark Road - Ashland - V | http://www.flyhova.com/hanover /A - 23005 (804) 798-6500 |
| | [[1.00]] | | | | | |
| Ronal | d L. Hawkins AP2705318IA KOFP - 11152 Airpark Roa | d Ashland VA 2300 | <u>بحبة</u> | Heart of Virginia | a Aviation | Phone (804) 798-6500 |
| | NOTE - THOSE AUDIENT NOS | d - Astriand - VA - 2500 | 3 (004)790-0500 | 11152 Airpark ro Ashland, VA 23 N927PP Aircraft Hobbs: | 005 | Fax (804)-798-6544 WO # 09-2313 June 23, 2009 |
| | ~ | | | with 8 quarts of | Aeroshell 15W50 oil and added n | ew CH48108-1 filter. |
| | | | | Ami E Einariss A&D5004582 | E. Emargo | |
| İ | | | | 4 0000 | - comp | ny |

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| Heart of Virginia Aviation | |
|---|---|
| N927PP Hobbs : 1181.7 4/27/2009 Work Order : 09-2182 | rvice and Maintenance Record |
| Complied with a 100 hour inspection in accordance with FAR 43 Appendix D. Compressions as follow: #1 72/80 #2 75/80 #3 75/80 #4 74/80 #5 75/80 #6 75/80. Drained oil. Removed and inspected filter. No defects noted. Installed a new CH48108-1 oil filter. Serviced engine with 8 qts. of Aeroshell 15W50 oil. Replaced six spark plug gaskets. Repositioned hose away from #6 cylinder intake. I certify that this engine has been inspected in accordance with a 100 hour inspection and | ections, Airworthiness Directives, Special Inspections, Service Bulletins |
| has been determined to be in an airworthy condition. | |
| 1 | LOG ENTRY OUT OF |
| | ORDER |
| 1 | |
| | |
| Jam E. Emdragen | |
| Arni E. Einarsson AP3004582 | |
| http://www.flyhova.com/hanover KOFP - 11152 Airpark Road - Ashland - VA - 23005 (804)798-6500 | |
| ROFF - 11102 / All peric troud - Fusion to | |
| - | |
| Heart of Virginia Aviation Phone (804) 798-6500 | |
| - 11152 Airpark rd Fax (804)-798-6544 Ashland, VA 23005 7 WO # 09-2369 - N1297D A/ Q37 P Aug 10, 2009 | |
| Aircraft Hobbs: 1282.5 Aircraft total time: 1282.5 | |
| Engine Total Time: 1282.5 Learnify this engine has been inspected in accordance with a 100 Hour inspection | |
| and was determined to be in airworthy condition. Drained oil and checked screen, no contamination found. Serviced with 8 quarts of Aeroshell 15W50 oil. Engine | |
| cylinder compressions: 1/74, 2/73, 3/74, 4/74, 5/76, 6/73. Removed cleaned and gapped plugs. All operation and leak checks satisfactory and engine is approved for | |
| return to service. | - |
| retum to service. Amid: Phassson AP3004582. | |
| | |
| _ | |
| - | |
| _ | |
| | |
| _ | 927PP 10/5/09 |
| Heart of Virginia Aviation Phone: 804-798-6500 | HORS: 1342,7 |
| 11152 Airpark Rd Fax: 804-798-6544 WO # F09-2496 | 3 |
| _ N927PP September 28, 2009 | DRATNED OIL & INSPECTED |
| - Replaced connector on #2 CHT probe. Replaced air filter (BA24). | CIL FILTER, NO DEFECTS |
| - Ami E. Einarsson A&P 3004582 Mm E. Emussey | FOUND SERVICED ENFINE W/8 |
| _ | QUARTS ISWICO & REPLACED |
| | OIL FILTER REPLACED |
| | ALTERNATOR GELT W/ NEW |
| 1000- | WORK NOWE IAW (TRRUG |
| | SERVICE MANUAL SECTION |
| | 74 30 & SECTION 61-10 |
| | from & Sindy Nam |
| | A P 3 OGUCCO |

| Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N927PP Aircraft Hobbs: 1379.3 Aircraft Total Time: 1379.3 Engine Total Time: 1379.3 TSO: I certify this engine has been inspected in accordance with an annual in was determined to be in airworthy condition. Drained oil and checked a contamination found. Serviced with 8 quarts of Aeroshell 15W50 oil. E cylinder compressions: 1/73, 2/73, 3/76, 4/78, 5/76, 6/75. Removed cle gapped plugs. All operation and leak checks satisfactory and engine is return to service. Replaced #6 cylinder push rod seals. | N927PP Aircraft Hobbs: 1378.5 Made adjustments to the set screw at the threttle body. Checked mixture/idle to Ronald L. Hawkins AP27053181A | hrows. |
|---|--|--------|
| Daniel McSherry AP31103001A | N927PP Hobbs Time: 1,429.6 Drained oil and replaced filter with new. No contamination found. Serviced engine with 8qts of Aeroshell 15w50 oil. All operation and leak checks satisfactory and engine is approved to return to service. Rotax Certified | |
| Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N927PP Aircraft Hobbs: 1481.6 Engine Total Time: 1481.6 I certify this engine has been inspected in accordance with a 100 Hour in and was determined to be in airworthy condition. Drained oil and remove contamination found. Serviced with 8 quarts of Aeroshell 15W50 oil. Encylinder compressions: 1/76, 2/74, 3/77, 4/72, 5/78, 6/79. Removed cleagapped plugs. All operation and leak checks satisfactory and engine is a return to service. | Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N927PP Hobbs Time: 1532.0 1 certify this engine has been inspected in accordance with a 50 hour inspection was determined to be in airworthy condition. Removed filter. Cut filter open, no contamination found. Installed new filter. Serviced engine with 8 quarts of Aeros 15w50 oil. Ops and leak check is ok. Engine is approved for return to service. Eric Sanders AP3432993 | |
| Daniel McSherry AP31103001A Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N927PP Aircraft Hobbs: 1573.7 Removed and replaced #4 CHT probe. Ops check ok. Eric Sanders A&P3432993 | Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N927PP Sept 27, 2010 Aircraft Hobbs: 1582.9 Aircraft Total Time: 1582.9 1 certify this engine has been inspected in accordance with a 100 HOUR inspection and was determined to be in airworthy condition. Drained oil and removed filter no contamination found. Serviced with 8 quarts of Aero shell 15W50 oil and added new filter. Engine cylinder compressions: 1/70, 2/72, 3/71, 4/78, 5/70, 6/74. Cleaned gapped, tested and rotated spark plugs. Cleaned all injectors. All operation and leak checks satisfactory. | |
| | Daniel Mcsherry AP31103001A | |

| Heart of Virginia Aviation Phone: 804-798-6500 | |
|---|--|
| 11152 Airpark Rd Ashland, VA 23005 Fax: 804-798-6544 WO # F10-0599 | |
| N927PP Nov. 9, 2010 Aircraft Hobbs: 1636.7 | ervice and Maintenance Record pections, Airworthiness Directives, Special Inspections, |
| Performed 50 hour oil change. Removed and inspected filter, no contaminants found. Serviced engine with 8 quarts of 15w50 oil. Post oil change run-up and leal | ad Service Bulletins |
| check ok. | - |
| Arni E. Einarsson A&P3004582 J Win G marssur | |
| 1 | · · |
| Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 Phone: 804-798-6500 Fax: 804-798-6544 WO # F10-0609 | |
| N927PP November 17, 2010 Aircraft Hobbs: 1651.9 | |
| Performed fuel system setup IAW SID 97-3B. | |
| Eric Sanders AP3432993 Lau 9 | |
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| , | |
| | |
| Heart of Virginia Aviation 11152 Airpark Rd Phone: 804-798-6500 | |
| 11152 Airpark Rd Ashland, VA 22005 Fax: 804-798-6544 | |
| WO # AF10-0629 | |
| N927PP Dec 9, 2010 | |
| Aircraft Hobbs: 1673.0 Aircraft Total Times 1673.0 | |
| I certify this engine has been incomed to | |
| I certify this engine has been inspected in accordance with an annual inspection are was determined to be in airworthy condition. Drained oil and removed filter, no contamination found. Serviced with 8 quests of April 11 and removed filter, no | d |
| cylinder compressions: 170, 273, 2 30 Quarts of Aerosnell 15W50 oil. Engine | - |
| and leak checks satisfactory and engine is approved 6 | on |
| | |
| Daniel McSherry AP3110300IA | |
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Date: 2/04/2011; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1696.00; Tach:; Total Time: 1696.00; Engine - Type: IO-360-ES, S/N: 357636, Time:; Prop - Type: , S/N:

ENGINE

- -Removed cowling and swapped #2 and #4 CHT probes. Reinstalled cowling. Ran aircraft and ops checked CHT probes. No defects noted on ground run-up.
- -Removed cowling and increased the low pressure setting on fuel pump one full turn. Adjusted idle mixture and idle speed screw, ran engine to watch changes in engine idle. Repeated as necessary to get the engine to run smoothly at low rpm. Reinstalled engine cowling and performed full power run. Ops check good. Ref. SID 97-3E.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

| Work Order number | |
|-------------------|--|
| Signed | |

Dominion Aviation CRS ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 (804) 271-7793



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

N927PP 8-25-11 Cirrus Design SR20 Hobbs: 1795.3 Hrs S/N: 1367

Maintenance performed:

 Changed oil and filter. Serviced with 7 Qts of Aeroshell W100 oil and 1 pint of ASL CamGuard additive as per customer's request and installed new CH48108-1 oil filter.

Took oil sample for analysis.

- Cut open old oil filter and inspected with no metal contamination found.

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. Details of the repair are on file at this agency under Work Order #PA-11-05466.

Anthorized Representative

Pg 1 / 1

AVIATION, INC.

*** ENGINE LOG ENTRY ***

REPLACED #1 ALTERNATOR WITH OVERHAULED UNIT BY AEROTECH OF LOUISVILLE WO #100839 DATED 08-15-2011 P/N ES4024LP S/N C093120. REPLACED #2 ALTERNATOR WITH INSPECTED ALTERNATOR FROM CIRRUS AIRCRAFT AND B&C SPECIALTY PRODUCTS WO #0742919 DATED 08-04-2010 P/N BC410-1 CIRRUS 13565-001E S/N 0742919. CLEANED FUEL FLOW TRANSDUCER, CANNON PLUG AND TRANSDUCER PINS. CLEANED TACH GENERATOR CANNON PLUG AND PINS. RAN ENGINE ALL CHECKS NORMAL FABRICATED AND INSTALLED #1 ALTERNATOR GROUND STRAP.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#11327 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Coned Lotandal Signed DK7R7950 FOR DLK AVIATION, INC.



Date: 11/01/2011; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1833.20; Tach:; Total Time: 1833.20; Engine - Type: IO-360-ES, S/N: 357636; Prop - Type: , S/N:

POWERPLANT

Checked torque on case half bolts and found the front bolt securing the distributor valve bracket to the case halves loose. Torqued bolt to 125 in. lbs. in reference to TCM IO-360 Overhaul Manual Chapter 72-50-04 Figure 72-50-01B. Ran engine to verify leak was gone. All operations checked good.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

| Work Order number_ | |
|--------------------|--|
| Signed | |
| | |

Dominion Aviation CRS ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 (804) 271-7793



Date: 1/20/2012; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1845.40; Total Time: 1845.40; Engine - Type: TCM IO-360-ES, S/N: 357636; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B

*** ENGINE ***

- -Complied with the Annual Inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 05-20. -Lubricated the aircraft as required in accordance with the SR20 maintenance manual Chapter 12-20-00.
- -Checked and listed all applicable Airworthiness Directives using ATP revision dated 12/19/2011. Complied with the logbook research. Updated the computer profiles.
- -Complied with a compression check on all engine cylinders. The readings were as follows: #1 72/80, #2 63/80, #3 65/80, #4 70/80, #5 72/80, #6 70/80.
- -Complied with the oil and filter change. Serviced with 7 quarts of Aeroshell 100W and 11oz of CamGuard. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ref. Cirrus SR-20 MM Chapter 12. -Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference: Champion aviation service manual AV6-R.
- -Complied with the engine oil sample as requested by customer. Prepped and gave sample to customer.
- -Replaced loose crankcase breather hose clamp on #5 induction tube as part of compliance with SB 2X-71-10 R2.
- -Right magneto, (model number 6314, serial number 04081296), base seal replaced during removal and installation of magneto to facilitate customer requested 500hr IRAN inspection. Reference this shop order, 233156, discrepancy #71, for maintenance corrective action. Reference Cirrus SR20 maintenance manual 74-10 for magneto removal and installation. -Complied with Cirrus SB 2X-71-10 R2, dated 25 Mar 2009 by installation of SB kit 70230-001.
- -AD 2010-11-04, to prevent excessive hydraulic lifter wear, dated June 16, 2010, found to be not applicable due to no record of affected parts being installed and date of engine rebuild, based on maintenance record research. -Left magneto (model number 6314, serial number 08110071) and right magneto (model number 6314, serial number 04081296) removed for customer requested outside 500 hour inspection and repair as necessary (500hr IRAN). 500hr IRAN inspections performed by A&P2703524, reference serviceable parts tag maintenance releases dated 01/16/12, work order 3660. Installed, timed, and function checked left magneto (model number 6314, serial number 08110071) and right magneto (model number 6314, serial number 04081296) after outside 500hr IRAN inspections. Reference Cirrus SR20 maintenance manual 74-10 for magneto removal and installation.
- -Replaced damaged #1 cylinder lower spark plug, part number RHM-38E. Reference Cirrus SR20 maintenance manual chapter 74.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

| Work Order number | |
|---|--|
| Signed | |
| Dominion Aviation CRS ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 | |

(804) 271-7793

DATE: 13 JUN2012 TIME IN SERVICE: 1902. GHRS. ENGINE MODEL: 10-360-ES6 ENGINE S/N: 357636 AIRCRAFT: N927PP SR-20, SERIAL NO.: 1367 CHANGED OIL & FILTER. CUT OPEN FILTER & CHECKED POR METAL - NONE FOUND. OIL SENT TO BLACKSTONE FOR ANALYSIS. SERVICED W/ 7QTS. + IPT. CAMGUARD AEROSHEL WIOO. CHECKED BATTERY LEVEL, WHICH WAS GOOD. CHECKED BRAKE FLUID LEVEL - GOOD. RAW UP ENGINE & LEAK CHECK - O.K. DARIN DUNHAM, 3143715 PRIVATE PILOT 13

NION AVIATION

ft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: ne: 1833.20; Engine - Type: IO-360-ES, S/N: /N:

half bolts and found the front bolt securing the to the case halves loose. Torqued bolt to 125 in. IO-360 Overhaul Manual Chapter 72-50-04 Figure to verify leak was gone. All operations checked

ed above was performed and inspected in FAA Regulations and is approved for return to performed. Ref: 14 CFR Part 43.9. Pertinent in file at this regair station under

ree

DDAR018H

vice and Maintenance Record

xtions, Airworthiness Directives, Special Inspections, lervice Bulletins

DATE: 16NOVZOIZ

TIME IN SERVICE: 1,960.7 HRS.

ENGINE MODEL: ID-360-ES6

ENGINE S/N: 357636

AIRCRAFT: N927PP SR-20,

SERIAL NO. 1367

CHANGED OIL & FILTER. CUT OPEN

FILTER & CHECKED FOR METAL -

FOUND SOME PARTICLES. WILL SEND

FILTER& OIL SAMPLES TO

BLACKSTONE FOR ANALYSIS.

SERVICED WITH TOTS. AEROSHELL

W100 & IPT. ASL CAMGUARD RAN UP ENGINE & CHECKED FOR LEAKS- O.K. DARIN T. DUNHAM, 3143715 PROVATE PILOT Nami.





Date: 2/13/2013; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 1981.50; Total Time: 1981.50; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 1981.50; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 1981.50

****ENGINE****

Complied with the annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 5 pages 4-23.

Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 58/80, #2 - 62/80, #3 - 74/80, #4 - 70/80, #5 - 66/80, #6 - 71/80. Check good IAW TCM SB 03-03 (Master orifice for the day 43/80)

Complied with the oil and filter change. Serviced with 7 quarts of Aeroshell 100W and 1 pint of camguard. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected.

Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference: Champion aviation service manual AV6-R.

Washed engine with varsol and dried with shop air.

Replaced #3 cylinder GAMI fuel injector.

| I certify that this with a/an airworthy condition. Details on file | Inspection and was determined to be in |
|--|--|
| Signature | |
| Work Order # | |

Dominion Aviation CRS #ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 (804) 271-7793 Heart of Virginia Aviation 11152 Airpark Rd Ashland, VA 23005 N927PP



Phone: 804-798-6500 Fax: 804-798-6544 WO # F13-1901 August 02, 2013

Aircraft Hobbs: 2055

Replaced Alternator #2 field control unit. Tested Alternator #2 with satisfactory results. Replaced MCU/Alternator control #2 harness due to burnt pin. Inspected all harness pins and connectors to MCU, all connections and components are clean. Removed propeller and replaced crankshaft sealing o'ring. Reinstalled and torqued prop. Removed #2 and #3 injectors and cleaned them. Reinstalled injectors. Disconnected 3 cannon plug connectors from firewall, cleaned and inspected pins, all ok. Reconnected plugs and safe tied. All work done in accordance with Cirrus SR20 maintenance Manual and all operational checks related to the work performed were satisfactory. Daniel Mcsherry AP3110300IA

TrueBlockTM Technology Patent Pending Use Avery® TEMPLATE 5164TM

N#: 927PP

FAA REPAIR STA.

#RSUR804H

WO#: V13-0934

DATE: 8/30/2013

VARS-115

HOBBS: 2069.0 Flt Hobbs: 195.9

Rerouted Tach sensor harness away from ignition wires. Cleaned and retensioned connector pins. Reseated tach connector. Cleaned and reseated CHT #2 connectors. Complied with SB 2X-95-13 on the CAPS Parachute enclosure. Complied with Cirrus SB 2X-95-17 rocket motor assy replacement guide dated July 26, 2013. Installed Cirrus provided kit PN# 70268-001 & 70269-001. Removed and replaced the CAPS parachute and rocket motor assembly as per Cirrus CAPS component maintenance manual 12128-001 Rev. E1. Updated the airframe maintenance records with the following information. CAPS ROCKET MOTOR PN# 29500-003 SN# 0031 Expires 7/23/2023. CAPS Parachute PN# 25574-001-

REB SN# 00288R1 Expires 7/25/2023 End Signature:

Please affix to your aircraft/engine logbdok.

:h. DATE: 9 OCT 2013 TIME IN SERVICE: 2,090.9 HRS. ENGINE MODEL: IO-360-ES ENGINE S/N: 357636 er AIRCRAPT: N927PP SR-ZO SERIAL NO. 1367 CHANGED OIL & FILTER. CUT OPEN ce FILTERS CHECKED FOR METAL - FOUND in FEW SPECKS. SENT OIL SAMPLE TO BLACKSTONE FOR ANALYSIS. SERVICED WITH TOTS. PHILLIPS ZOWSO & IPINT ASL CAMQUARD. RAW UP ENGINE & CHECKED FOR LEAKS - O.K. DARIN T. DUNHAM 3143715 PRIVATE PILOT Desir! De



Date: 3/13/2014; Aircraft: 927PP; Type: CIRRUS SR-20; S/N: 1367; Hobbs: 2128.00; Total Time: 2128.00; Engine - Type: TCM IO-360-ES, S/N: 357636, Time: 2128.00; Prop - Type: Hartzell BHC-J2YF-1BF, S/N: EF362B, Time: 2128.00

**** ENGINE ****

- -Complied with the annual and 100 hour inspection in accordance with Dominion Aviation Services FORM 0100 which meets the requirements of FAR 43 appendix D and with reference to Cirrus SR20 maintenance manual chapter 05-20, pages 4-22.
- -Complied with the 100 hour lubrication as required in chapter 12.
- -Checked and listed all applicable Airworthiness Directives using ATP revision dated 2/21/2014. Complied with the logbook research. Updated the computer profiles.
- -Complied with the oil and filter change. Serviced with 7 quarts of Aeroshell 100W and 1 quart of camguard. Installed new oil filter p/n CH48108-1. Cut open the old filter and found no defects. Ran the engine and no leaks detected.
- -Complied with a compression check on all engine cylinders. The readings were as follows: #1 - 64/80, #2 - 64/80, #3 - 74/80, #4 - 74/80, #5 - 72/80, #6 - 72/80. Master orfice reading 46/80.
- -Complied with the engine oil sample as required. Prepped and shipped the sample to Blackstone for analysis.
- -Removed the spark plugs. Inspected, cleaned, gapped and rotated the spark plugs. Re-installed the spark plugs with new gaskets, pn# M674. Reference: Champion aviation service manual AV6-R.
- -Performed visual visual inspection with borescope of all engine cylinders.
- -Repaired loose spade connector on right magneto (p/n 6314, s/n 04081296) coil to point assembly. Torqued loose right magneto rotor bearing cap clamp hardware to 24 inch/lbs as per table seven, service limits, maintenace and overhaul manual. Reset internal timing of right magneto. Timed left and right magnetos to engine at 24 degrees BTDC. Checked magneto drop during ground run at 1800rpm, full rich mixture at normal operating temps and pressures with no discrepancies noted. Left and right rpm drop of 30-40, smooth operation. Left and right magneto and crankcase timing plug installations leak checked good post ground runs,. Reference Cirrus SR20 maintenance manual chapter 74-10 and Slick / Unison magneto 4300/6300 series magneto mataince and overhaul manual L-
- -Removed all engine fuel injector nozzles. Cleaned and inspected all fuel nozzles. No defects noted. Installed fuel nozzles. All work done in reference to TCM IO-360 maintenance manual.
- -Removed and replaced fuel injector line adele clamps in reference to Cirrus SR20 maintenance manual chapter 73-00-00.
- -Installed left aft inner baffling retaining hook and spring in reference to Cirrus SR20 maintenance manual chapter 72-00.
- -Installed #2-#4 inner cylinder baffle tension spring assembly in reference to Cirrus SR20 maintenance manual chapter 72-00.

The maintenance described above was performed and inspected in accordance with current FAA Regulations and is approved for return to service only for the work performed. Ref: 14 CFR Part 43.9. Pertinent details of the repair are on file at this repair station under

| Work Order number | |
|--|--|
| Signed | |
| Dominion Aviation CRS# ODAR018H 7511 Airfield Drive Richmond, Virginia 23237 (804) 271-7793 | |

DAS FORM LB-1

DATE: GSEP # 2014 TIME IN SERVICE: 2186.2 HOURS ENGINE MODEL: IO-360-ES ENGINE S/N: 357636 AIRCRAFT: N927PP SR-20 SERIAL NO.: 1367 CHANGED OIL & FILTER. CUT OPEN FILTER & INSPECTED. SENT OIL SAMPLE TO BLACKSTONE. SERVICED WITH GOTS. AEROSHELL WIDO & I PT. OF ASL CAMBUARD. RAN UP ENGINE & CHECKED FOR LEAKS -O.K. DARIN T. DUNHAM, 3143715 PRIVATE PILOT ASMIT. WE

rvice Bulletins DATE: 20 DEC 2014 TIME IN SERVICE: 2244.3 HOURS ENGINE MODEL: IO-360-ES ENGINE S/N: 357636 AIRCRAFT: N927PP SR-20 SERIAL NO: 1367 CHANGED OIL & FILTER. CUT OPEN FILTER & INSPECTED, MINOR. SMALL FLECKS DETECTED. SENT OIL SAMPLE TO BLACKSTONE. SERVICED WITH TOTE AEROSHELL WIOOR I PT. ASL CAMBUARD. RAN UP ENGINE & CHECKED FOR LEAKS. A. 7 DARIN T. DUNHAM PRIVATE PILOT, 3143715

Model: **SR20** S/N: 1367 Rea. Nº: N927PP

276 Doug Warpoole Road Smyrna, TN 37167 615.534.4600

Date: 01-Apr-2015 2,208.9

Hobbs: 2,261.9 Flight: 363.5

Engine S/N: 357636

Inspections Accomplished:

1002-Complied with Engine Annual Inspection IAW AMM 5-00.

ADs Accomplished:

20-AD 2014-05-29 - Superior Air Parts Investment Cast Cylinder Assemblies, is N/A due to no Superior Air Parts Cylinders installed. No further action required at this time.

-Researched ADs through 24-Feb-2015; none are due at this time.

Maintenance Accomplished:

1004-Complied with oil and filter change IAW AMM 12. Cut open filter and inspected for metal. No metal noted at this time. Replaced oil filter. and serviced with 7 quarts of Aeroshell 100W. Filter P/N: AA48108-2.

Complied with cylinder compression check:

| Cyl Nº | 1 | 3 | 5 | 2 | 4 | 6 |
|--------|-------|-------|-------|-------|-------|-------|
| PSI | 63/80 | 58/80 | 60/80 | 46/80 | 66/80 | 52/80 |

Master Orifice Reading: 40.

2006-Removed and replaced, with new, prop governor control cable and bracket. Ref AMM 76. Rigged cable and ops checked. Ref AMM 61-20. Ops check good at this time. Cable P/N: 14392-102. Bracket P/N: 658017.

2012-Removed and replaced, with new, № 3 and № 6 leaking push rod tube seals. Ref TCM MM. Seal P/Ns: 630286, 641607. Gasket P/N: 655704. Lock tab P/N: 501867.

2013-Removed and replaced, with new, № 3 cylinder lower baffle spring. Ref TCM MM. P/N: 532377.

2020-Cleaned connections for the opl pressure sensor for the analog and digital gauges. Ref AMM 20. Applied Stabilant 22. Ref Savvy service instructions. Ops check good at this time.

2021-Adjusted mixture to an RPM rise of 50. Ref TCM 97-3f. Ops check good at this time.

2022-Changing of the spark plugs, (see task 2030 this entry) changed the L/H and R/H mag RPM drop to within specified range.

2023-Cleaned connector for the RPM percent power. Ref AMM 20. Ops checked good on the analog gauge, but still erratic on the MFD. Customer has deferred any further action to be taken at this time.

2030-Removed and replaced, with new, all 12 spark plugs. Ref TCM MM 6-3.9. P/N: URHM38E.

2032-Crankshaft seal is leaking. Removed propeller and crankshaft seal and replaced with new. Ref TCM MM. Reinstalled propeller. Ref AMM 61. Seal P/N: 530917. O-ring P/N: MS28775-228. Prop nut P/N: AN363-820.

3001-Boroscoped all six cylinder, no defects noted at this time. Ref TCM SB03-3.

3008-Retorqued all exhaust rocker covers due to oil leaks. Ref TCM MM Appendix B.

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

Signed: Ву: Tate Smithson

Form CEM 007

mindedig in a sufficient 4JUL 2015 TIME IN SERVICE: 2320.6400RS ENGINE MODEL: TO-340-ES ENGINE S/N: 357636 AIRCRAFT: NI927PP SR-20 SERIAL NO: 1367 CHANGED OIL & FILTER. CUT OPEN FILTER & INSPECTED. NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE. SERVICED WITH GOTS. AEROSHELL WIOD & IPT. OF ASL CAMIGUARD. RAN UP ENGINE & CHECKED FOR LEAKS. DARIN T. DUNHAM PRIVATE PILOT, 3143715

15NOV 2015: TIME IN SERVICE: 2376.4 HRS. ENGINE MODEL: IO-360-ES, ENGINE S/N: 357636, AIRCRAFT: N927PP SR-20, SERIAL NO.: 1367. - CHANGED OIL & FILTER CUT OPEN FILTER & INSPECTED. NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE. SERVICED WITH 7 QTS. PHILLIPS 20050 & IPT. OF ASL CAMBUARD. RAN UP ENGINE & CHECKED FOR LEAKS. Sain T. Dunham, DARIN T. DUNHAM PRIVATE PILOT, 3143715

MODIFICATIONS AND DELAICE DUILEURS

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954 LOG ID# 17686 15-April-2016 WO# 16163 CIRRUS

HOBBS 2425.0

S/N 1367

TTENG 2425.0

N927PP

Pg 1/1

*** ENGINE LOG ENTRY ***

NO AD'S DUE THIS ANNUAL. REPLACED ENGINE INLET FILTER P/N BA-24. REPLACED ENGINE TACH GENERATOR P/N 12323-001. REPLACED #2 CYLINDER INTAKE VALVE P/N 655867, OIL CONTROL RING P/N 648041, AND 648042. REPLACED OIL COOLER SHOE P/N 632983. REPLACED CAM COVER GASKET P/N 653415. REPLACED #2 AND #5 CHT SENSOR P/N 14880-001. REPLACED FUEL INJECTOR LINE CLAMPS. COMPLETED 500-HOUR MAGNETO INSPECTION - REPLACED CONTACT POINT, P/N M3081 AND CAPACITOR K3984. RETORQUED OIL COOLER MOUNTS. RETORQUED #2 ALTERNATOR. REPLACED RIGHT HEAT EXCHANGER P/N 1184-003 AND MUFFLER P/N 11885-002. RETORQUED PROP GOVERNOR. PERFORMED BORESCOPE INSPECTION OF CYLINDERS. DRAINED OIL. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 50/100W OIL. WASHED ENGINE, RAN ENGINE-ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. CHECKED TIMING OF MAGNETOS. SET FUEL PRESSURES IN ACCORDANCE WITH SID 97-3G. PERFORMED COMPRESSION CHECK: #1 64/80 #2 67/80 #3 65/80 #4 65/80 #5 64/80 #6 72/80. MASTER ORIFICE 44/80. 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 MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16163 AT REPAIR STATION DK7R795J. PERTINENT DETAILS

OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R7953 FOR DLK AVIATION, INC.

NG27PP 4/15/2016

2425.

| I. Apı | 1. Approving Civil Aviation Authority/Country: | 2. | | | | | 3. Form Tracking Number: | |
|----------|---|--|----------------------------------|--|--|---|--|--|
| <u> </u> | FAA/United States | AUTH | | EASE (| ORIZED RELEASE CERTIFICATE FAA FOLM 8130-3. AIRWORTHINESS APPROVAL TAG | | 23978 | |
| 4. Org | 4. Organization Name and Address: | | | | | | 5. Work Order/Contract/Invoice | |
| | PL | PLANEXHAUST | | d AVENUE | CORP. 5485 NW 22nd AVENUE, TAMARAC, FL 33309 | | Number: 23978 | |
| 6. Item: | n: 7. Description: | | 8. Part Number: | 9. Quantity: | 10. Serial Number: | | 11. Status/Work: | |
| - | SMOOTH MUFFLER | UFFLER | 11885-002 | - | N/A | | OVERHAUL | |
| 12. Re | 12. Remarks: | | | | | | | |
| WORK | ORDER # 23978 DESCRII | BING ACTUAL WO | ORK IS ATTACHED, ALL WO | ORK PERFORM | WORK ORDER # 23978 DESCRIBING ACTUAL WORK IS ATTACHED, ALL WORK PERFORMED IN ACCORDANCE WITH FAA AC 43.13-1B, CHAPTER 4. | H FAA A | C 43.13-1B, CHAPTER 4. | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 138. | 3a. Certifies the items identified above were manufactured | ve were manufactured | in conformity to: | 14a. 14C | ida. 🖂 14 CFR 43.9 Return to Service | Other | Other regulation specified in Block 12 | |
| | Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12. | are in a condition for s specified in Block 12. | afe operation. | Certifies that unl and described in Federal Regulati | Ccrtifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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. | flock 12, th I in accord to that wo | e work identified in Block 11 ance with Title 14, Code of rk, the items are approved for | |
| 13b. A | 13b. Authorized Signature: | | 13c. Approval/Authorization No.: | 14b Authorized Signature: | cod Signature: | | 14c. Approval/Certificate No.: | |
| | | /- | / | - | 7 | | Q6SR742J | |

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

User/Installer Responsibilities

13c. Date (dd/mmra/yyyy):

13d. Name (Typed or Printed):

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aireraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

Tel: 954.735.4412 Fax: 954.739.5206

PlaneXhaust Corporation 5485 NW 22 Avenue

Tamarac, FL 33309

Repair Station Q6SR742J

| | | Sales Control of the | a works assessmental the | | | | |
|----------------------------|------------------|---|--|---|--------------------|--|--|
| NAME | DLK AVIA | ATION | A.O.G. | Regular [| Other | | |
| ADDRESS | 2601 CESSN | A LANE | | nis Work Order constitutes ed as being in accordance | | | |
| CITY | KENNES | SAW | ☐ Not Applicab | ot Applicable e Air Carriers ten (10) or more seating maintenance | | | |
| STATE | GA | 30144 | requirements as per FAR 135.411(A) (2) Other requirements | | | | |
| Make/Model | | | | | | | |
| Part No. | 11885-002 | | Serial No. | | | | |
| PRELIMINARY REMARKS | -B-15 WHIDDEN | 18-13-15Vb | IN PROCESS | -13-15 US FINAL 1 | (-13-15VG | | |
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| Clean a | and Inspect | Overhaul | | Repair A | D 🗌 | | |
| D1 | (011) | | aration | Others 🔲 | | | |
| Blast 🕡 | IKW | Grind 🗹 🗸 | | Other | | | |
| Fabrication | 1/13 | Welding/ | | Other | | | |
| QTY | PARTS / MATERIAL | P.O. / J.O. NUMBER | QTY | PARTS / MATERIAL | P.O. / J.O. NUMBER | | |
| 1, 7/2X 111/Con | 13/2X040) | 15 x6e7 PO 2828 | | | | | |
| TIVELY | le. Flame con | 193377 | | | | | |
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| REMARKS | | | | | | | |
| *** INCONEL FLAME CONE *** | | | | | | | |
| PRESSURE TEST | NDT | VISUAL 10 x MAG | Other | Pass [7] | Fail | | |
| REMARKS | | | | | | | |
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| | | Period Date: Tope: A first transport to the second | and a second | | | | |
| | | | | | | | |
| INSPECTOR NAME (R | RINT) CERTI | FICATE NO. | SIGNATURE | DATE | | | |
| | | 41395 | Vno | 16 8-1 | 3-15 | | |
| | | | | | | | |

5. Work Order/Contract/Invoice Number: 20473 ☐ Other regulation specified in Block 12 Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. 14c. Approval/Certificate No.: and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for 3. Form Tracking Number: Certifies that unless otherwise specified in Block 12, the work identified in Block 11 14e. Date (dd/mmm/yyyy): 22/JUL/2014 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(5)/propeller(8)/article(8) from the airworthiness authority of the country REPAIR **J6SR742J** 11. Status/Work; It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 34250 4666S **AUTHORIZED RELEASE CERTIFICATE** 14a. 🔰 14 CFR 43.9 Return to Service Ϋ́ WAYNE CHIN-LOY 10. Serial Number: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 12. Remarks: Work Order # 20473 describing actual work is attached. All work performed in accordance with FAA approved data. 14d. Name (Typed or Printed): 14b. Authorized Signature: return to service. User/Installer Responsibilities 9. Quantity: N937PP 4/15/2016 PLANEXHAUST CORPORATION, 5485 NW 22ND AVENUE, TAMARAC, FLORIDA 33309 i3c. Approval/Authorization No.: Date (dd/mmm/yyyy): 11884-003 13a. Certifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe operation. 8. Part Number: Non-approved design data specified in Block 12. MUFFLER 4. Organization Name and Address: FAA/United States 13d. Name (Typed-or Printed): 1. Approving Civil Aviation 7. Description: 13b. Authorized Signature: specified in Block 1. 6. Item:

Issue Date 04-10-2014

Acceptance of this work order constitutes acknowledgement that all work performed as being I.A.W. the Air Carriers 10 or more seating maintenance requirements as per FAR 135.411(A) (2)

| NAME | | |
|---|-----------|---|
| DLK AVIATION | | |
| ADDRESS | | |
| 2601 CESSNA LANE | | - |
| CITY | STATE | |
| KENNESAW | GA 30144 | 4 |
| MAKE & MODEL / PART CIRRUS SR20: 11884-003 NUMBER | 1-003 | |
| MUFFLER | SHROUD | |
| 11884-003 | | |
| TRANSITION | RISER | |
| BY-PASS FLANGE | CROSSOVER | |
| ENGINE MOUNT | TAILPIPE | |

NOTES

| ζΤУ | PART/MATERIAL | PO/JO Number |
|--------------------|---|--------------|
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| | Vilalacy | |
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| | REMARKS | |
| C/W 2008-CE-006-AD | | |
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| | 100 100 100 100 100 100 100 100 100 100 | |
| | | |

WORK ORDER Nº 2

ER No 20473

Lion No. In Date 07/27

Final Date 07/27

Con No. Con Topic Con No. Con N

PlaneXhaust Corporation 5485 NW 22nd AVENUE TAMARAC, FL 33309 F.A.A. Approved Repair Station No. Q6SR742J

Tel: 954-735-4412 **FAX:** 954-739-5206

REPLACEMENTS

| | Flame Tubes Cones, Cans | Qty. | | Front Elbow | -Ap |
|------|----------------------------|------------|-----|-----------------------|-----------|
| | End Plate Overlay | Qty. | | Outer Shell | Qty. |
| | Beaded End | Qty. | | Top-Tube | Qty. |
| | End Plates | Qty. | | Blást | |
| | Ball / Bell Joint | Qtv. | 1.3 | Grind | 0 |
| | Slip Joint | Qty. | 1 | Weld / | 0 |
| | Tailpipe | Qty. | 1 | Fabricate // | 0 |
| | Bend | Qły. | | Visual Insp 10 x Maga | C SEW |
| | Flange | Oty. | | Pressure Test | 4.1. |
| CLEA | CLEAN AND INSPECT | ☐ OVERHAUL | | REPAIR | □ NO AD'S |

MAINTENANCE RELEASE

The aircraft/component identified hereon was repaired and inspected in accordance with current Federal Aviation regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

AUTHORIZED AND CONDITIONS AGREED TO AS STATED ABOVE

M. Chulm for the 3068 of Inspector Name (print) Signature Certificate No.

:

Date

| LEASE CE CORTHINESS APPR . (PC4) Inc. , KS 67215 | RTIFICATE 19VAL TAG | 5031978 |
|--|---|---|
| Inc. | | |
| | | 2222444 |
| st Quantity | 10. Ser.al Number | D. Sullis Work |
| 1 | N/A | New |
|)#: 1604 11 07 | | |
| 142 D14 CFR 4 Certifies that 11 and these Code of Fed | 1.9 Regan to Service Other unless offerwise specified in Dis- feed in Block 12 was accomplished and Regulations; part 45 and in re- | ck 12, the work alreading in Bl |
| 142 D14 CFR 4 Certifies that 11 and these Code of Fed | 3.9 Resum to Service Other subject of the water pertised in the feed in Black 12 was recommissing | ck 12 the word about field in Bl d in accordance with Title 14, spect to that work, the items are |
| 143 DIACER 4 Certifies that II and descri Code of Fed improved for | is it from an Service [] Other unless otherwise specified at the deed in Block 12 was accomplished and Regulations; part 43 and in re- reture to service. | ck 12, the work alreading in Bl |
| 142 D/1658 that 13 and their Code of Fed intervent I's code of Fed intervent | is it from an Service [] Other unless otherwise specified at the deed in Block 12 was accomplished and Regulations; part 43 and in re- reture to service. | is 12, the winds alreaded in SM disponentiates with Title 14, opent is that work, the firms are life. Approval/Certificate No. |
| | | 1 N/A S APPROVAL - PARTS. |

Statements in Maska Parad. I. A rost, counting conduction centration by all cases intenditions extensive accounting in rate for our certification social in a conductive of whith retorn regulations by the secondary becoming an outfur the form.

FAA Format (65A) 02-02-1.

NSV 667, 90 (1) 2666.

Star Aviation Services 108 Nowlin Line, Hangar 21 Chattanooga, TN 37421 (423) 499-1100 N927PP

2 May 2016

Removed starter Part No. 646275 Ser. No. A012012. Installed fresl. Over Hauled Starter Part No. 646275-1 Ser. No. T-080104, See 8130-3. Removed and re-gapped sparkplugs, Removed left mag, sent to customer for repair. Reinstalled OPS checked normal. Performed ground operational check normal no leaks noted.

Aircraft returned to service for work performed. Details are on file at Star Aviation Services under W.O. # M6308P.

Steven D Rasor 3229490 A&P For Star Aviation Services Inc.

Hobbs: 242".7

country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the Work Order, Contract, or Invoice Number: 14c. Approval/Certificate No: Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that Other regulation specified in Block 12 OVERHAULED 14e. Date: (dd/mm/yyyy): PU4R453M 7/Apr/2016 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification 3. Form Tracking Number: It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.. Status/Work; W/O: 117812 # **>N**I Ξ. work, the items are approved for return to service. AUTHORIZED RELEASE CERTIFICATE 14a. X 14 CFR 43.9 Return to Service Serial Number John C. Evans Louisville, KY 40299 overhauled by Aerotech of Louisville, Inc. on S/N T-080104 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 14d. Name (Typed or Printed): 14b. Authorized Signature: 6 unit per overhaul manual TW5000 User/Installer Responsibilities FAA Approved repair station number PU4R453M Quantity 2209 Watterson Trail **Dated** 7/Apr/2016 13c. Approval/Authorization Nc: Approved design data and are in a condition for safe operation 13e. Date (dd/mm/yyyy): 13a. Certifies the items identified above were manufactured in conformity to: Part Number: Non-approved design data specified in Block 12 646275-1 airworthiness authority of the country specified in Block 1. Aerotech of Louisville, Inc. W/O # 117812 This item was Overhaufed Description: Organization Name and Address: STARTER 13d. Name (Typed or Printed): 1. ApprovingCivil Aviation FAA/UNITED STATES 13b. Authorized Signature: Authority/Country: 12. Remarks: Item:

issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Aerotech of Louisville Inc.

2209 Watterson Trail Louisville, KY 40299

FAA Certified Repair Station # PU4R453M TCM TW5000 Starter Maintenance Release

| | el <u>24V</u> k Order No1 | 117812 | | Part No. <u>6</u> 4 Technicia | 46275-1 n Terry Ridgeway | | rial No. <u>T-0</u> ate_04-07- | | |
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2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954 LOG !D# 17858 16-June-2016 WO# 16262 N927PP S/N 1367 CIRRUS SR20 HOBBS 2446.8

AVIATION, INC. FLT HOBBS 525.2

*** ENGINE LOG ENTRY ***

REMOVED #1, #3, #4, #5, #6 CYLINDERS. GROUND VALVES AND SEATS. LAPPED VALVES. REPLACED EXHAUST VALVE #4 CYLINDER. REPLACED INTAKE VALVE #3 CYLINDER. CLEANED GUIDES. HONED CYLINDERS. REPLACED #3, #4 #5, #6 CYLINDER PISTONS. REPLACED RINGS, SIZED RINGS IN ACCORDANCE WITH SID97-4. INSTALLED CYLINDERS WITH NEW GASKETS AND SEALS. TORQUED HOLD DOWN NUTS IN ACCORDANCE WITH S/B 96-7D. ADJUSTED MAG TIMING TO 24 DEGREES. COMPRESSIONS: #1 72/80 #3 64/80 #4 72/80 #5 60/80 #6 68/80. SERVICED WITH 50/100 MINERAL OIL. REPLACED OIL FILTER. RAN ENGINE. ALL CHECKS NORMAL.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#16262 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Donil L Kendall signed DK7R795J FOR DLK AVIATION, INC. N927PP

| Author) | ty Commy ited States | THORIZED RELE. | | | 5112426 |
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ENGINE MODEL-ENGINE S/N: REG. NO: N927PP WORK ORDER: 2887-07-2016



Yulista Aviation

190 Bolling Road Meridianville, Alabama 35759 Phone: (256) 828-9286 DATE: 7/16/2016 A/C TSN: ENG TT TACH: 2461

Engine Entries

Adjusted magneto timing to 24 deg. BTC both magnetos. Ops check satisfactory.

Maintenance Refease

The aircraft and/or component(s) on N927PP was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Rapair Station.

YUTR674Y under Work Order No. 2887-07-2016, Dated 7/16/2016.

DATE. 7/16/2016

SIGNED

Caurhann

Work Order: 2887-07-2016

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29 JUL 2016 - TYME IN SERVICE: 2469.4 HRS. ENGINE MODEL: IO-360-ES, SERIAL # 357636 A/C: N927PP SR-20, SERIAL # 1367 CHANGED OVL & FILTER COT OPEN FILTER & INSPECTED. NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE. SERVICED WITH 7QTS. ACROSHEU WIOO + 1PT. OF ASL CAMGUARD RAN UP & CHECKED FOR LEAKS Suho DARIN T. DUNHAM PRIVATE PILOT, 3143715

Make: Continental Model: IO-360-ES s/n: 357636 N927PP HM 563.6 Date 08-26-16 Oil pressure low. Removed oil pressure regulator and cleaned debris from seat. Reinstalled oil pressure regulator and adjusted oil pressure per maintenance manual. 2. Removed right magneto model 6314 s/n 04081296. Installed and timed new magneto model 6314 s/n 16010791. MAINTENANCE RELEASE / RETURN TO SERVICE I certify that this engine has been repaired in a manner consistent with continued airworthiness and in accordance with a current FAR's and applicable manufacturers publications determined to be in a airworthy condition with respect to work performed and is approved for return to service. 8-26/6 Inspector / Authorized Signature License Number **WARNING** · When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs. Use only the installation hardware provided. Secure nut with appropriate colter pin. **FAA-PMA Approved**

March 30, 2009

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in the Champion/Slick L-1318 Document in the F-1100 Master Service Manual. For LASAR®

Enter magneto model, serial number, and date of installation, and attach this lag to engine logbook.

Magnetos, see L-1500 Manual.

Magneto Model No. Magneto Serial No. Date of Installation

L-1543

3SEP 2016 TIME IN SERVICE 2486.2 ENGINE MODEL: IO-360-ES, S/N: 357636 A/c: N927PP SR-20 S/N: 1367 CHANGED OIL & FILTER, CUT OPEN FILTER & INSPECTED. NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE. SERVICED WITH 7015 AEROSHELL QUIDO + IPT. OF ASL CAMGUARD. RANJUP & CHECKED FOR LEAKS. DARW T. DUNHAM PRIVATE PILOT, 3143715

16DEC 2016 TIME IN SERVICE, 2541.5 ENGINE MODEL: 10-360-ES, SN: 357636 A/C: N927PP SR-20, SN: 1367 CHANGED OIL & FILTER, CUT OPEN FILTER& INSPECTED. NO ISSUES FOUND OIL SAMPLE SENT TO BLACKSTONE. SERVICED WITH TOTS AEROSHELL WIDD PLUS 1/2 PT. OF ASL CAMGUARD. RAN UP & CHECKED FOR LEAKS. DARIN T. DUNHAM PRIVATE PILOT. 3143715

ENGINE MODEL: ENGINE S/N: REG. NO: N927PP WORK ORDER: 2989-01-2017



Yulista Aviation

190 Bolling Road Meridianville, Alabama 35759 Phone: (256) 828-9286 DATE: 1/7/2017 A/C TSN: ENG TT: HOBBS: 2357.3

Engine Entries

Replaced oil quick drain valve with new SAF-AIR p/n S6250 valve and safetied. No leaks noted at this time.

Maintenance Release

The aircraft and/or component(s) on N927PP was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 2989-01-2017, Dated 1/7/2017.

DATE: 1/7/2017

SIGNED: B. J. Carl

Work Order: 2989-01-2017

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ENGINE MODEL: ENGINE S/N: REG. NO: N927PP WORK ORDER: 2997-01-2017



Yulista Aviation

190 Bolling Road

Meridianville, Alabama 35759 Phone: (256) 828-9286



DATE: 1/14/2017 A/C TSN: ENG TT HOBBS: 2557.3

Engine Entries

Removed inoperative alternator s/n 0742919 and installed owner furnished alternator p/n BC410-1 s/n 0765128. Operational check is satisfactory.

Maintenance Release

The aircraft and/or component(s) on N927PP was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 2997-01-2017. Dated 1/14/2017.

DATE: 1/14/2017

Work Order: 2997-01-2017

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| | | | | : | arks: | 12. Remarks: |
|--|------------------------|--------------------|---|-------------|---|--------------|
| Overhauled | 0765128 | - | BC410-1 | | Alternator | _ |
| 11. Status/Work: | 10. Serial Number: | 9. Quantity: | 8. Part Number: | | 6. Item: 7. Description: | 6. Item: |
| 120516-5128 | ion way, sie A 0263 | Newnan, GA 30263 | ZG9R933X | | NEWTON, KS 67114-0894 | NEW |
| 5. Work Order/Contract/Invoice Number: | | Customer: AV Parts | | rs, INC. | 4. Organization Name and Address: B&C SPECIALTY PRODUCTS, INC. | 4. Organ |
| | ROVAL TAG | WORTHINESS APPR | FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | |
| 164049 | ERTIFICATE | LEASE CI | AUTHORIZED RELEASE CERTIFIC | > | FAA/United States | FΑ |
| 3. Form Tracking Number: | | | | 2. | 1. Approving Civil Aviation Authority/Country: | 1. Appro |

Item 1: Overhauled in accordance with B&C Specialty Products component maintenance manual for the BC410 Alternator

A complete description of work performed is on file at the above referenced organization under the part description listed in blocks 6, 7, 8, 10, 11, and the work order/contract/invoice number indicated in block 5.

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| 2 POLICITORIES | esponsibilities | Raquel Florez | 14d. Name (Typed or Printer): | Tan 1 Han | 14b. Authorized Signature: | Certifies that unless otherwise specified in and described in Block 12 was accomplish Federal Regulations, part 43 and in respective return to service. | 14a. 🗹 14 CFR 43.9 Return to Service |
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It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Gann Aviation, Inc.

Engine Logbook Entry

Date: 03-02-17 N Number: 927PP Make and Model: Cirrus SR-20 Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 2566.0

TT: 2566.0 STOH: 174.1

Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Compression check: #1.65/80. #2.65/80, #3.70/80, #4.68/80, #5.68/80, #6.65/80. Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found satisfactory. Serviced with 7 quarts of Aeroshell W100 oil and ½ pint of CamGuard. Oil sample taken. Installed a new Tempest AA48108-2 filter. Replaced induction air filter with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674 gaskets.

I certify that this engine has been inspected in accordance with an annual/100 Hr

I certify that this engine has been inspected in accordance with an annual/100 Hr. inspection and was found to be in an airworthy condition.

Signature:

15JUL 2017 TIME IN SERVICE 2616.1 ENGINE MODEL: 10-360-ES S/N: 357636 A/C: N927PP SR-20 . S/N: 1367 CHANGED OIL & FILTER, CUT OPEN FILTER & INSPECTED. NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE. SERVICED WITH TOTS AEROSHELL W100 + 12 PT. OF ASL CAMGUARY. RAN UP & CHECKED FOR LEAKS Wai I brake DARINTI DUNNIAM PRIVATE PILOT 3143715

11NOV2017 TIME IN SERVICE: 2670.4 ENGINE MODEL: IO-360-ES S/N: 357636 A/C: N927PP SR-20; S/N: 1367 CHANGED OIL & FILTER, CUT OPEN FILTER & INSPECTED. NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE FOR ANALYSIS. SERVICED WITH TOTS, AEROSHELL WIOO & 1/2 PT. OF ASL & CAMBUARD. ADDED WATER TO BATTERY. RAN UP& CHECKED FOR LEAKS. DARIN T. DUNHAM PRIVATE PILOT, 3143715

Gann Aviation, Inc. Engine Logbook Entry Date: 02-19-18 N Number: 927PP Make and Model: Cirrus SR-20 Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 2702.4 TT: 2702.4 STOH: 310.5 Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Compression check: #1.65/80, #2.68/80, #3.63/80, #4.68/80, #5.68/80, #6.64/80. Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found satisfactory. Serviced with 7 quarts of Aeroshell W100 oil and ½ pint of CamGuard. Oil sample taken. Installed a new Tempest AA48108-2 filter. Replaced induction air filter with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674 gaskets. I certify that this engine has been inspected in accordance with an annual/100 Hr. inspection and was found to be in an airworthy condition.

27 MAY 2018 TIME IN SERVICE 2758.Z ENGINE MODEL: 10-360-ES, 5/N: 357636 A/C: N927PP \$R-20, S/W: 1367 CHANGED OILS FILTER CUT APEN FILTER & INSPECTED. NO ISSUES FOUND. OIL SAMPLE SENT TO BLACKSTONE. SERVICED WITH TOTS AEROSHELL WIOD + 1/2 PT. OF ASL CAMGUARD. ADDED WATER TO BATTERY. DARIN T. DUNHAM PRIVATE PILOT, 3143715

Date: 16 Sep 2018; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 2813.0; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 7 quarts or Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. Replaced TCM o-ring (pn#AS3570-011) on dipstick.

> Darin T. Dunham Private Pilot, 3143715

Date: 28 Dec 2018; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 2865.4; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 7 quarts or Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery.

> Darin T. Dunham Private Pilot, 3143715

Date: 28 Dec 2018; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 286S.4; Engine Model: IO-360-ES Serial #: 357636; Replaced rocker cover gasket on forward cylinders 4 & 6 and aft cylinders 3 & 5. Torqued to 25 in-

Serial #: 357636; Replaced rocker cover gasket on forward cylinders 4 & 6 and aft cylinders 3 & 5. Torqued to 25 inpounds. Flew and re-torqued to 20 in-pounds. - END - Date: 02/27/2019 Hours: 2888.4

Tail#: N927PP

Make: Continental Model: IO-360-ES S/N: 357636

Inspected engine using the Cirrus service manual and FAR part 43 appendix D as a guide. Drained oil and service with 7 quarts Aeroshell 100 and 8 oz of Camgaurd. Replaced filter with new AA48108-2 and safetied. Cut open old filter to inspect for metal, none found. Checked compressions at 1)72, 2)68, 3)71, 4)72, 5)67, 6)60 over 80psi. Used video scope to internally inspect cylinders, no defects noted. Replaced air filter with new BA24 Brackett filter. Cleaned and gapped all spark plugs, replaced gaskets with new M674 copper gaskets. Torqued all spark plugs to 350 in lbs. Checked ignition timing to 24 degrees. I certify this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition. End

Name: Ray Meyer Jr.

Co: Executive Flight Center

Cert: AP 3115846 IA

Sign:

Mory

Date: 25 May 2019; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 2938.7; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts or Aeroshell W100 and 0.5 pint of ASL

Camguard. Added water to battery. ==END==

Nat. 1. Sunlar

Darin T. Dunham

Private Pilot, 3143715

Date: 30 Jul 2019; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 2991.8; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts or Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. ==END==

Darin T. Dunham

Private Pilot, 3143715

Date: 4 Aug 2019: A/C: SR-20, N927PP: Serial #: 1367 Time in Service: 2991.8; Engine Model: IO-360-ES Serial #: 357636; Replaced pushrod tube gaskets on cylinders 1 and 3. Torqued rocker nuts to 110 in-pounds. Replaced 3 of the rocker cover gaskets with REAL gaskets. Torqued rocker cover screws to 25 in-pounds; Flew and retorqued to 20 in-pounds. ==END==

ER, JI

CERT. AP 3115846 IA

Time in Service: 3047.1; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts or Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. ==END==

Date: 1 Dec 2019; A/C: SR-20, N927PP; Serial #: 1367

Darin T. Dunham Private Pilot, 3143715

Date: 26 Dec 2019; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3061.2; Engine Model: IO-360-ES
Serial #: 357636; Completed 500-hour magneto inspection.
Replaced contact point P/N M3081 and capacitor P/N K3984
on both and replaced coil P/N K3975 and distributor block
and gear P/N K3823 on left magneto. Reinstalled both

magnetos and set timing to 24 degrees. ==END==

Ray Meyer, Jr. AP 3115846 IA

Date: 03/03/2020 Hours: 3075.8 AFTT ENG TT 3075.8 STOH 683.9 Tail#: N927PP Make: Continental Model: 10-360-ES S/N: 357636

Inspected engine using the Cirrus service manual and FAR part 43 appendix D as a guide. Drained oil and service with 8 quarts Aeroshell 100 and 8 oz of Camgaurd. Replaced filter with new AA48108-2 and safe-T cabled. Cut open old filter to inspect

for metal, none found. Checked compressions at 1)67, 2)69, 3)74, 4)69, 5)73, 6)65 over 80psi Master Orifice 45. Used video scope to internally inspect cylinders, no defects noted. Replaced air filter with new BA24 Brackett filter. Replaced all spark plugs, with new URHM38S plugs & M674 copper gaskets Torqued to 360 in lbs.

Checked ignition timing to 24 degrees. Removed all Gami injectors and cleaned with Hoppe's 9 reinstalled & Torqued to 100 in lbs. I certify this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.***END***

Cert: AP 3620974 IA

Co: Executive Flight Center

Name: Michael S Adams

Date: 4 Jun 2020; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3100.6; Engine Model: IO-360-ES Serial #: 357636; Removed inoperative alternator s/n 0765128, sent to B&C for overhaul, and re-installed in aircraft. Operational check is satisfactory. ==END==

B.S. Cuhun AP 3337208

Date: 10 Jul 2020; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3130.2; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. ==END== Sait Sal

> DARIN T. DUNHAM PRIVATE PILOT, 3143715

Date: 8 Nov 2020; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3182.5; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. ==END==

> Darin T. Dunham Private Pilot, 3143715

Time in Service: 3234.2; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL

Date: 24 Jan 2021; A/C: SR-20, N927PP; Serial #: 1367

Camguard. Added water to battery. ==END==

Darin T. Dunham
Private Pilot, 3143715

Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759 Date: 03-19-2021 Logbook: Engine 1 Tail Number: N927PP

Model: IO-360-ES Serial: 357636 Tach: 3241.8 Total Time Since New 3241.8

Repairs / Maintenance

- Inspected this engine using 14 CFR Part 43 appendix D and Cirrus service manual as a guide. Owner assisted in removing and cleaning spark plugs. Re-installed spark plugs with new M674 gaskets and torqued to 360 in-lbs. Borescoped engine, no visible defects noted.
 Checked compressions at 1)72, 2)71, 3)68, 4)78, 5)68, 6)63 over 80psi
- Drained oil and serviced with 8 quarts Aeroshell 100 and 8 oz of Camgaurd. Replaced filter with new AA48108-2 and safe-T cabled. Cut
 open old filter to inspect for metal, none found.
- Adjusted timing on both magnetos to 24 degrees BTC
- Assisted owner in replacing oil cooler with new P/N 8000934 S/N 2089732, Replaced Bumper bracket damper.
- Replaced pushrod seals on cylinders 2,4 and 6 with owner supplied TCM seals.
- Removed and cleaned all fuel injectors. Found damaged injector on cylinder #2. Replaced with new GAMI.

The work described on the above work order was preformed accordance with current regulations of the FEDERAL AVIATION ADMINISTRATION

I certify this enginehas been inspected in accordance with an annual inspection and found to be in airworthy condition. Ray Mayer

AP3115846IA

Date: 4 June 2021; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3274.7.6; Engine Model: 10-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and

inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL

Camguard. Added water to battery. ==END==

Darin T. Dunham

Private Pilot, 3143715

Date: 13 Aug 2021; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3316.4; Engine Model: IO-360-ES Serial #: 357636; Replaced tach sensor assembly, part number 12323-001. Operations check satisfactory. ==END==

> Ray Meyer, Jr. Certified AP 3115846 IA

Date: 6 Sep 21; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3324.3; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone.
Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL

Camguard. Added water to battery. ==END==

Date: 5 Nov 21: A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3376.7; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone.

Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL

Camguard. Added water to battery. Repaired top right corner of windscreen seal. ==END==

Darin T. Dunham

Private Pilot, 3143715

Gann Aviation, Inc. Engine Logbook Entry
Date: 02-10-22 N Number: 927PP Make and Model: Cirrus SR-20

Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 3408.9 TT: 3408.9 STOH: 1017.0

gaskets.

Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Compression check: #1.68/80. #2.71/80, #3.65/80, #4.69/80, #5.70/80, #6.67/80. C/W Continental's service bulletin SB03-3 master orifice at 48lbs. Borescoped 6 cylinders using Vividia VA-400 Digital Borescope. Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found satisfactory. Serviced with 8 quarts of Aeroshell W100 oil and ½ pint of CamGuard. Oil sample taken. Installed a new Champion CH48108-1 filter. Replaced induction air filter with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674

I certify that this engine has been inspected in accordance with an annual/100 Hr.

Date: 12 May 22; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3444.4; Engine Model: IO-360-ES Serial #: 357636; Replaced cylinder #3 fuel injector with new one from GAMI. Operations check satisfactory.

==END==

Ray Meyer, Jr. Certified AP 3115846 IA

end

Date: 4 Jun 22; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3461.7; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and

inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL

Camguard. Added water to battery. ==END==

Executive Flight Center, 360 Clyde Shelton Drive, Meridianville AL 35759

Date: 08-25-2022 Logbook: Engine 1 Tail Number: N927PP

Model: IO-360-ES Serial: 357636 TTSN: SMOH:

Repairs / Maintenance

- TACH 3505.0
- Removed and replaced Right Magneto with SureFly SIM6C S/N 6C-1222040 per STC SE04349CH and Manufacturer's Instructions (Document No. SF1003, Revision #C). Set DIP switches for 24 degrees fixed (OFF-ON-ON-OFF) and verified proper LED flashing.
 Timed to engine at 0 degrees. Engine started and executed magneto run-up test with no problems observed.
- See 337 this date.

Parts installed

| Partnum | a Qty | Description | Lot Number Serial Number |
|----------|----------|---|--------------------------------|
| SIM6C | 1 | SUREFLY SIM6C 6-CYLINDER CONTINENTAL MAG REPLACEMENT | 6C-1222040 |
| The work | describe | ed on the above work order was performed accordance with current regula | ations of the FEDERAL AVIATION |
| ADMINIS | TRATIO | N. Ray Meyer AP3115846IA | |

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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

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| A. Agency's I | Name and A | ddress | | | 6 | B. Kind of Agend | | | | | | |
| Name Ray M | leyer | | | | _ | | ated Mechanic | | | M | anufacturer | |
| | e Shelton Drive | | - | State AL | _ | — <u> </u> | ficated Mechanic | | | C. Cer | tificate No. | |
| Zip 35759 | | untry United | States | State | _ | | tepair Station Maintenance Orga | nizatio | on . | Al | P 3115846 I | Α |
| have be | een made in | accordanc | e with t | on made to the u the requirements the best of my | s of I | Part 43 of the U.S | 5 above and do Federal Aviation | escrib | ed on the | e rever | rse or attachments hereto hat the information | |
| Extended ran per 14 CFR F App. B | | | Signa | ture/Date of Aut | 9/ | 25/2022 | | | | | | |
| Pursuant t | o the author | ority given deral Aviatio | person on Adm | | low, | | | | inspecte | | he manner prescribed by | y the |
| · I In: | A Flt. Stand | ards | Manu | ufacturer | | Maintenance Or | | | Persor | s Appro | oved by Canadian Transport | |
| BY FA | VA Designee | | Repa | ir Station | X | Inspection Author | orization | Oth | er (Spec | ify) | | |
| Certificate or Designation N | _{lo.} 31158 | 46IA | Signa | ture/Date of Aut | 1 | red Individual | : | | | | | |

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| N | O | Т | C | _ |

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

| | | United States / N927PP | 8/25/2022 |
|---|--|--|--|
| | | Nationality and Registration Mark | Date |
| Removed and replaced Right and Manufacturer's Instruction degrees fixed (OFF-ON-ON-O Engine started and executed of INSTALLED EQUIPMENT - PN: SIM6C, SUREFLY SERIAL NUMBER:6C-1 | ns (Document No. S DFF) and verified pr magneto run-up tes : SIM6C 6-CYLINDE | SF1003, Revision #C). Set Eoper LED flashing. Timed to | OIP switches for 24 o engine at 0 degrees. |
| Connected SureFly SIM in Rig before master solenoid with so SA04378CH and Manufacture placard to the aircraft's instrur Manufacturer's Instructions. | upplied Power Wire er's Instructions (Do | e & Fuse (Surefly P/N 6C60 cument No. SF2001, Revision | I) per STC ion B). Affixed supplied |
| Inserted SureFly ICA's (Docu Revision #B for Airframe) in a Inserted SureFly AFMS (Docu | ircraft's records. | - | ocument No. SF2005, |
| | | | |
| Weight and Balance change r | negligible. | | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | _end_ | |
| Weight and Balance change r | negligible. | _end_ | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end | |
| Weight and Balance change r | negligible. | end_ | |

Date: 30 Aug 22; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3511.6; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL Camguard. Added water to battery. ==END==

Date: 16 Dec 22; A/C: SR-20, N927PP; Serial #: 1367
Time in Service: 3566.2; Engine Model: IO-360-ES
Serial #: 357636; Changed oil and filter. Cut open filter and

inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W80 and 0.5 pint of ASL Camguard. Added water to battery. ==END==

Gann Aviation, Inc. Engine Logbook Entry Date: 02-09-23 N Number: 927PP Make and Model: Cirrus SR-20 Engine Make: TCM Model: IO360ES6 SN: 357636 Hobbs: 3598.9

TT: 3598.9 STOH: 1207.0

Completed an Annual/100hr. inspection per Cirrus SR20 Maintenance Manual Inspection checklist and CFR 43 appendix D. Compression check: #1.65/80. #2.70/80, #3.64/80, #4.65/80, #5.70/80, #6.65/80. C/W Continental's service bulletin SB03-3 master orifice at 46lbs. Borescoped 6 cylinders using Vividia VA-400 Digital Borescope. Changed oil and filter. Inspected oil filter per Champion Service Manual AV6-R. Found satisfactory. Serviced with 8 quarts of Aeroshell W100 oil and ½ pint of CamGuard. Oil sample taken. Installed a new Tempest AA48108-2 filter. Replaced induction air filter

with Brackett BA-24. Cleaned, gapped, inspected and rotated spark plugs with new M674

gaskets.

I certify that this engine has been inspected in accordance with an annual/100 Hr. inspection and was found to be in an airworthy condition.

Time in Service: 3643.6; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL

Date: 20 May 23; A/C: SR-20, N927PP; Serial #: 1367

Camguard. Added water to the battery. ==END==

han 1. huhan Darin T. Dunham

Date: 11 Aug 23; A/C: SR-20, N927PP; Serial #: 1367 Time in Service: 3696.0; Engine Model: IO-360-ES Serial #: 357636; Changed oil and filter. Cut open filter and inspected. No issues found. Oil sample sent to Blackstone. Serviced with 8 quarts of Aeroshell W100 and 0.5 pint of ASL

Camguard. Added water to the battery. Replaced remote ELT switch battery, Duracell 28L. Due in March 2032.

==END==

Executive Flight Center, 360 Clyde Shelton Drive , Meridianville AL 35759 Date: 09-26-2023 Logbook: Engine 1 Tail Number: N927PP ETT:

Tach: 1678.8 Time Since Major Overhaul: Model: IO-360-ES Serial: 357636

Repairs / Maintenance

Removed left magneto and installed overhaul kit P/N MK-601 500 hr kit. Re-installed left magneto and timed per data plate.

The work described on the above work order was performed accordance with current regulations of the FEDERAL AVIATION ADMINISTRATION. Ray Meyer AP3115846IA