

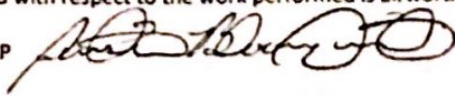


2634 Airport Drive # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 March 7, 2018
Reg: N421SM S/N: 421C1213 Hobbs: 0451 8 WO: VGT-3474

Performed engine ground run and confirmed L/H alternator offline and will not come on line. Removed pilot seat to facilitate other maintenance, Removed L/H and R/H complete engine cowlings to facilitate other maintenance. Performed trouble shooting and found L/H Alternator field fuse to be bad. Installed spare 3amp 250V fuse from Alternator field spare fuse location IAW Cessna 421C Golden Eagle Maintenance Manual Section 13-23. Performed engine ground run and L/H alternator now online but not sharing the load equally with R/H alternator. Performed troubleshooting of paralleling function and found F1 brush of R/H alternator to be disconnected from contact point. Replaced F1 brush with serviceable brush IAW Hartzell Engine Tech Maintenance Manual 24-30-01 Section 6.7. Performed engine ground run. Ops check good. Reinstalled Pilot seat IAW Cessna 421C Golden Eagle Maintenance Manual Section 12-10. Ops check good. Reinstalled both L/H and R/H complete engine cowlings IAW Cessna 421C Golden Eagle Maintenance Manual Section 7-00. Satisfactory upon completion.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Justin Bloomquist 3028896 A&P

 3028896 A+P

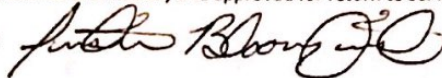


2634 Airport Drive # 106 North Las Vegas, NV 89032 Phone: 702 636 6555 March 26, 2018
Reg: N4215M S/N: 421C1213 Hobbs: 0460.9 WO: VGT-3497

Removed and Replaced L/H and R/H Alternator brush holder assemblies P/N ALU-304585 IAW Hartzell Alternator Manual 24-30-01. Performed engine ground run, Ops check good. Satisfactory upon completion. Troubleshoot and found heat sink light dimmer P/N 9910239-1 to be bad. Customer stop work at this time. Removed and replaced L/H engine dry air vacuum pump P/N off AA441CC S/N off N/A, P/N on AA441CC S/N on ODIZ01, IAW Cessna 421C Golden Eagle Maintenance Manual Section 10-20 and Tempest Dry Air Pump Installation Manual. Performed engine ground run, ops check good. Satisfactory upon completion. Removed and Replaced R/H engine oil filter P/N CH48109-1 IAW Cessna 421C Golden Eagle Maintenance Manual Section 7-31. Cut open filter and inspected, no anomalies or particulates found at this time. Performed engine ground run, leak check good. Satisfactory upon completion.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Justin Bloomquist 3028896 A&P

 3028896 A+P



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 May 2, 2018
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0494.6 AFTT: 4489.9 WO: VGT-3636
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0203.9

Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48109-1) Added 11 Qtrs... Of AeroShell 100W Plus, IAW Cessna C421C M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Check Satisfactory At Completion. Performed Close Up Inspection Of Right Hand Oil Filter Media Screen, Using 10X Power Magnifying Glass, No Irregularities Of Metal Were Present At Time Of Inspection, Small Traces Of Carbon Particulate Were Present. No Effect To Be Noted At This Time.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

ValGene Sutherland 3641617 A&P *Val Sutherland 3641617 A&P*



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 September 3, 2018
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0560.3 AFTT: 4555.6 WO: VGT-3785
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0269.6

Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48109-1) Added 13 Qtrs... Of AeroShell 100W Plus, IAW Cessna C421C M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Check Satisfactory At Completion.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Phillip Swibies 2584811 A&P

A handwritten signature in black ink, appearing to read "Phillip Swibies", written over a horizontal line.



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 September 3, 2018
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0562.8 AFTT: 4558.1 WO: VGT-3815
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0272.1

Removed and Replaced All Engines Pushrod Housings Packing and Washers, P/N's 534610, 630286, and 534609. Installed Valve Rocker Arms with New Safety Tabs, P/N 501868. Replaced All Cylinder Rocker Cover Gaskets, P/N RG-632459. Ops' and Leak Check Good at this Time. Refs. TCM Overhaul Manual, Chapter 72-50.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Phillip Swibies 2584811 A&P

A handwritten signature in black ink, appearing to read "Swibies", written over a horizontal line.



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 July 10, 2018
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0544.7 AFTT: 4540.7 WO: VGT-3762

Inspected Engine For Oil Leak, Found Oil Coming From Starter, Removed Starter and Removed And Replace O-Ring (p/n AS3578-038), Reinstalled Starter IAW Continental GTSIO-520-N M.M. Section 11-6. Leak Check Satisfactory. Removed And Replaced Right Hand (MAP) Manifold Absolute Pressure Transducer At Lower Engine Firewall Rear Nacelle. Removed Part #T1EU70A Ser.#3548, Replaced Part#T1EU70A Ser.#A6737, IAW AuRACLE CRM 2120 6-Cyl Installation Manual Rev D. Performed Engine Ground Run, Op's Checked Good.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

ValGene Sutherland 3641617 A&P *Val Sutherland 3641617 A&P*



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 November 22, 2018
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0608.4 AFTT: 4603.7 WO: VGT-4005
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0317.7

Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48109-1) Added 12 Qtrs... Of Aeroshell 100W Plus, IAW Cessna C421C M.M. And Continental / Ram GTSIO-520 SER M.M. Performed 100 Hour Engine Inspection, Cleaned And Inspected Spark Plugs, Performed Compression Test #1 64/80 #2 68/80 #3 70/80 #4 72/80 #5 74/80 #6 72/80, Borescope Inspection Performed No Anomalies Noted. Performed In Accordance With Cessna M/M 421C Section 2-20 Part 7, Performed Engine Runs And Leak Check Satisfactory At Completion. Removed And Inspected #5 And #6 CHT Cylinder Probes Reinstalled Probes Performed Op's, Check Satisfactory Upon Completion, Performed Ground Engine Run To Obtain Current Readings, Adjusted Variable Pressure Controller As To Obtain Proper Manifold Pressure, In Accordance With Cessna M/M Section 7-40 Pg. 6-7 Ops Checked Good.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

ValGene Sutherland 3641617 A&P *ValGene Sutherland 3641617A&P*



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 December 6, 2018
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0629.5 AFTT: 4609.0 WO: VGT-4046
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0323.0

Removed And Replaced Right Engine Starter Motor, P/N NHJ-4003R, S/N H-Q070945 And Installed P/N MHJ-4003, S/NH-R061810. In Accordance With Cessna 421C Section 7-70 Part 1 A-B, Op's Check Satisfactory Upon Completion.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

ValGene Sutherland 3641617 A&P

Val Sutherland 3641617 A&P



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 January 28, 2019
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0634.8 AFTT: 4614.3 WO: VGT-4070
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0328.3

This ACFT Powerplant Was Inspected IAW Continental GTSIO-520 Ser. M/M And Cessna 412C M/M Time Inspection Limits and was found to be Airworthy Condition. Removed And Replaced R/H Engine Fuel & Oil Lines In Accordance With Cessna M/M Sec 7-00. Satisfactory Upon Completion. Removed, Cleaned, Inspected, Reinstalled R/H Engine Fuel Injectors In Accordance With Continental/Ram GTSIO-520 SER. M/M Chapter 10-2. Satisfactory Upon Completion. Complied With A D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Part 2 of MSB94-4H, The Following Results Were Found During Backlash Inspection (0°=.03") (90°=.02") (180°=.03") (270°=.02") Next Backlash Inspection Due At Hobbs Meter 734.8 And 1034.8, Results Are Within Limits For Continued Airworthiness. Removed And Replaced R/H Engine #5 EGT Probe In Accordance With Alcor Inc. M/M PN: 59180 REV. G. 01/08. Operational Check Satisfactory. Ground Engine Run Satisfactory Upon Completion.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

ValGene Sutherland 3641617 A&P *Val Sutherland 3641617 A&P*



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 May 2, 2019
Reg: N421SM S/N: 421C1213 Flight Hobbs: 0689.5 AFTT: 4669.0 WO: VGT-4215
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0383.0

Drained Oil, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48109-1) Added 12 Qts. Of AeroShell 100W, IAW Cessna C421C M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Check Satisfactory At Completion. Performed Engine Runs And Leak Check Satisfactory At Completion. Ground Check Good. Performed Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Val Sutherland 3641617 A&P

Val Sutherland 3641617 A&P

END



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 July 19, 2019

Reg: N421SM S/N: 421C1213 Flight Hobbs: 0737.4 AFTT: 4716.9 WO: VGT-4346

Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0430.9

Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48109-1) Added 12 Qts. Of AeroShell 100W, IAW Cessna C421C M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Check Satisfactory At Completion. Performed Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

Val Sutherland 3641617 A&P

Val Sutherland 3641617 A&P



2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 April 1, 2020
Reg: N421SMS/N: 421C1213 Flight Hobbs: 0773.8 AFTT: 4753.3 WO: VGT-4669
Right Engine: GTSIO-520-N SN: 610222 TSMOH: 0467.3

Complied with a 100hr Inspection In Accordance with Cessna 421C AMM, Expanded Inspection - Temporary Revision No. 14 and FAR 43, D. Current Engine Compression For The Right Engine, #1 62/80, #3 70/80, #5 66/80, #2 68/80, #4 64/80, #6 68/80, Compressions Are With In Limits. Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Part 2 of MSB94-4H, The Following Results Were Found During Backlash Inspection (0°=.03") (90°=.02") (180°=.03") (270°=.03") Next Backlash Inspection Due At Hobbs Meter 873.8 And 1073.8, Results Are Within Limits For Continued Airworthiness. Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48109-1) Added 12 Qts. Of AeroShell 100W Plus, IAW Cessna C421C M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Check Satisfactory At Completion. Performed Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good.

I certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service.

ValGene Sutherland 3641617 A&P *Val Sutherland 3641617 A&P*