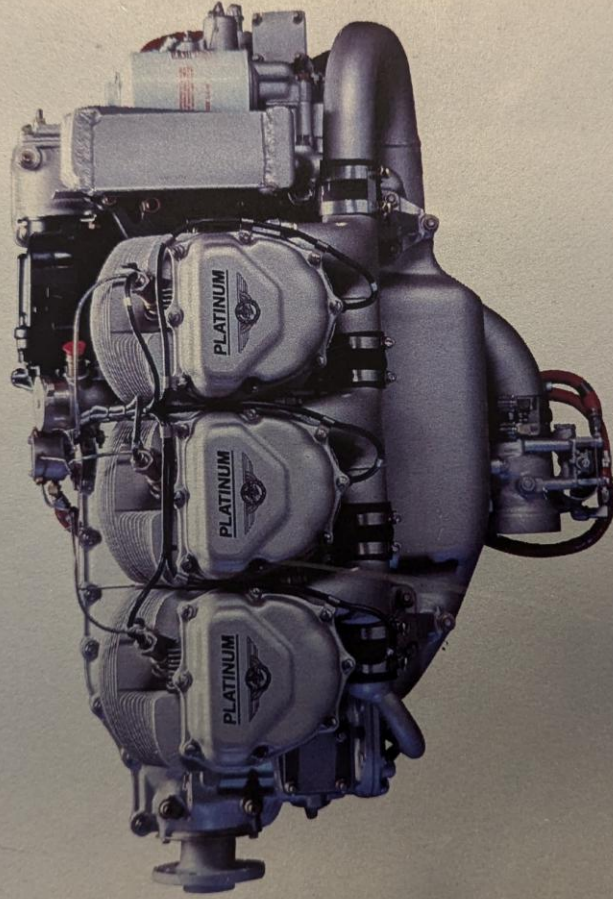


N108EZ

Engine Logbook

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

ENGINE MODEL: IO-550-N
(42)
ENGINE S/N: 689819
REG. NO. 108EZ-7300
WORK ORDER: 7300



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0460

DATE: 8/14/2007
A/C TSN: 128 2
ENG TT:
TSMOH: 128 2
HOBBS: 128 2

ance Record
Special Inspections,


Engine Entries

(2) ANNUAL ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi test system, drained sumps. Checked timing and timing. Checked for leaks and greased if required. (8) COMPLETED FUEL FLOW SET UP JACKETS, ATA# 71.00.000... (14) APPLIED ANTI CHAFE TO LEFT TURBO OIL LINE/ENGINE CRADLE TO PREVENT CHAFING... (15) APPLIED ANTI-CHAFE TO #2 FUEL INJECTOR LINE.

REPLACE
SPALL 803
OIL.
165344

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 is Approved for return to service. Permanent details of the repair are on file at this repair station under work order listed below.

Inspector 2 Work Order: 7300
Printed by EBIS 3 (datcommedia.com)

SIGNED: 
Frank R. Gallella
Certified Repair Station No. LKPR101K

DATE: 8/14/2007

Handwritten signature: Frank R. Gallella

Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward

Checked compression, #1664/80, #2664/80, #3664/80, #4664/80, #5664/80, #6664/80;
 Changed oil qts. 17.5 & changed filter/inspected cleaned oil screens;
 Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
 Timing; inspected Engine-Prop-Turbocharger-Exhaust System; checked and lubed
 Engine controls; washed down engine; removed fuel primer-cooling-fuel-injector
 Nozzles; ~~checked~~ checked induction air filter; engine ground run up ok
 & painted Prop; cleaned/replaced induction air filter; engine ground run up ok

DATE: 3/16/10 TACH: 300.4 FLIGHT HOURS.
 REPAIR STATION: LINCOLN PARK AVIATION
 HAS BEEN INSPECTED I.A.W. AN INSPECTION AND HAS
 BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.
 LIC. # AP12552024 RT. P/N: 10-50056-1
 FOR: STONE LINE AVIATION, LLC AS PER D.D. CLEMMER, LUBEP
 INSTANTLY AS NEEDED. RESET POINTS IN LT.
 MAY BE. MAY CHECKED GOOD FOR RUN.
 DISASSEMBLED BOTH REINSTALLED ON ENGINE
 AND TIME TO ENGINE SPEEDS. CW. MJB64
 ALSO AT THIS TIME IMPULSES CHECK GOOD.
 -END-

ENGINE MODEL: 10-550-N
 (42)
 ENGINE S/N: 889619
 REG. NO.: 108EZ
 WORK ORDER: 8936



Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

Engine Entries

(2) ANNUAL ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference. #1080 #2, 7280 #3, 7280 #4, 7280 #5, #103 #6, 7480
 Checked fuel system, drained bumps. Checked mag's and timing. Checked diplop for leaks and greased if required.

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 is approved for return to service. Inspector 2
 Equipment details of the repair are on file at this repair station under work order listed below.

DATE: 2/10/2011
 SIGNED:

Frank R. Galella
 Certified Repair Station No. LKPR101K

DATE: 2/10/2011
 AIC TSN: 321
 ENG. JT:
 TSMOH: 321
 YOBEEB: 321
 Work Order: 9308
 Printed by EBIS 3 (datcomedia.com)

ILLINOIS AVIATION ACADEMY, INC.
 M108EZ TACH: 353.4 Hobbs: 452.4 3/22/2011
 Drained oil, added 7qts X/C 20W50 oil. Removed
 and replaced oil filter with Champion oil filter p/n AA48110-2.
 All work done I/AW Cessna MM 2-7. Ground run
 for leak check, none found.

David L. Allgood A&P2838751
 END

2/19/24

Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

ILLINOIS AVIATION ACADEMY, INC.

N108EZ TACH:402.1 Hobbs:509.6 4/8/2011
 Drained oil, added 7qts X/C 20W50 oil. Removed
 and replaced oil filter with Champion oil filter p/n AA48110-2
 All work done I/AAW Cessna MM 2-7. Ground run
 for leak check, none found.

END

David L. Allgood A&P2838751

ILLINOIS AVIATION ACADEMY, INC.
 N108EZ TACH:456.4 Hobbs:571.8 5/5/2011
 Drained oil, added 7qts X/C 20W50 oil. Removed
 and replaced oil filter with Champion oil filter p/n AA48110-2
 All work done I/AAW Cessna MM 2-7. Ground run
 for leak check, none found.

END

David L. Allgood A&P2838751



Travel Express Aviation Maintenance, Inc

DuPage Airport, West Chicago, IL 60185

Aircraft: N108EZ Date: 8/11/2011 Invoice 3591

HOBBS: 697.2 Flight: 564.0

The following work was accomplished:

A 50 hour inspection was completed in accordance with Cirrus Maintenance Manual. The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter PIN CH48108-1 was installed. The engine was serviced with 8 qts. of Phillips XC 20W50 oil. The engine was run and checked for leaks (none apparent). Removed, cleaned, gapped, and reinstalled spark plugs using new gaskets, P/N M674.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Sean Blumenscheff, AP-3331960 IA

End



Travel Express Aviation Maintenance, Inc

DuPage Airport, West Chicago, IL 60185

Aircraft: N108EZ Date: 10/10/11 Invoice 3744

HOBBS: 758.4 Flight: 617.1

The following work was accomplished:

Removed and replaced T.I.T. Probe with new P/N 86245.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Mark Palazzo, AP 3201747A

End

Date _____ Total Time _____ Time Since _____



Travel Express Aviation Maintenance, Inc
 DuPage Airport, West Chicago, IL 60185
 N108EZ Date: 11/15/11 Invoice 3764

Aircraft: N108EZ

HOBBS: 769.5 Flight: 626.3

The following work was accomplished:
 The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter P/N CH48108-1 was installed. The engine was serviced with 8 qts. of Phillips XC 20W50 oil. The engine was run and checked for leaks (none apparent).

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Kenneth Morgan
 Kenneth Morgan, AP 322829269 IA

END

MANUAL 400999-0000 ISSUE DATE 2006
 REV. A DATED 05/21/2008

1. Approving National Aviation Authority/Country: FAA/United States		2.	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 East Apache Tulsa, OK 74115			
6. Item:		8. Part Number:	
1	7. Description: ABSOLUTE PRESSURE CONTROLLER	470688-9005 (C165004-0501)	9. Eligible N/A
13. Remarks:			

AUTHORIZED RELEASE
 FAA Form 8130-3, AIRWORTHINESS



Travel Express Aviation Maintenance, Inc
 DuPage Airport, West Chicago, IL 60185

Aircraft: 807.8 Flight: 661.1
 Date: 11/10/11 Invoice: 3811

HOBBS: 807.8 Flight: 661.1

The following work was accomplished:

A 50 hour inspection was completed in accordance with Cirrus Maintenance Manual. The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter P/N CH48108-1 was installed. The engine was serviced with 8 qts. of Exxon Elite 20W50 oil. The engine was run and checked for leaks (none apparent). Removed, cleaned, gapped, and reinstalled spark plugs using new gaskets, P/N M674.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Sean Blumenschein, AP 3331960 IA

End



Travel Express Aviation Maintenance, Inc
 DuPage Airport, West Chicago, IL 60185

Aircraft: N108EZ Flight: 702.5
 Date: 2/4/2012 Invoice: 3963

HOBBS: 857.8 Flight: 702.5

The following work was accomplished:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter P/N CH48108-1 was installed. The engine was serviced with 8 qts. of Exxon Elite 20W50 oil. The engine was run and checked for leaks (none apparent)

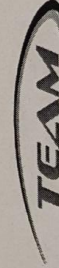
All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Kenneth Morgan III, AP 322829269 IA

End

FLT Hobbs 760.8 ENGINE

Date 3/26/12 HOBBS/changed oil & Exxon Elite 2



Travel Express Aviation Maintenance, Inc
 DuPage Airport, West Chicago, IL 60185

Aircraft: N108EZ Flight: 733.7
 Date: 3/11/12 Invoice: 4027

HOBBS: 733.7 TT ENG: 893.3

The following work was accomplished:
 an annual inspection in accordance with the manufacturer's checklist and following the 143, Appendix D, and 91, Subpart E.

The engine oil was drained, gapped and re-installed spark plugs using new gasket p/n M674. The engine oil was drained, opened and inspected. No foreign matter or metal particles were found. A new filter P/N CH48108-1 was installed. The engine was serviced with 8 qts. of Phillips XC 20W50 oil. The engine was run and checked for leaks (none apparent). Removed, cleaned, gapped, and reinstalled fuel injectors using new seal, P/N 630979-9, P/N M674.

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

able ADs was researched through 2012-04.

The engine was run and checked for leaks (none apparent). Removed, cleaned, gapped, and reinstalled spark plugs using new gaskets, P/N M674.

31960 IA

End



Travel Express Aviation Maintenance, Inc
 DuPage Airport, West Chicago, IL 60185
 Date: 6/15/12 Invoice 4226

Aircraft: N108EZ 809.6
 Flight: 809.6

HOBBS: 979.4
 The following work was accomplished:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter P/N CH48108-1 was installed. The engine was serviced with 8 qts. of Exxon Elite 20W50 oil. The engine was run and checked for leaks (none apparent).

Work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Mark Palazzo
 Mark Palazzo, AIP 320111A

End



A/2012 N108EZ Hobbs 987.2 Fit Hobbs 815.8
 double shoot #1 alternator. Remove and replace #1 alternator. Installed rebuilt p/n 649304RX ser.
 1266370. Ops check was good.

Jeffell Grimes
 Jeffell Grimes 3465915 A&P



Travel Express Aviation Maintenance, Inc
 DuPage Airport, West Chicago, IL 60185
 Date: 7/20/12 Invoice 4280

Aircraft: N108EZ 837.9
 Flight: 837.9

The following work was accomplished:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter P/N CH48108-1 was installed. The engine was serviced with 8 qts. of Exxon Elite 20W50 oil. The engine was run and checked for leaks (none apparent). Removed spark plugs from CYL #1, cleaned, gapped, tested, and reinstalled using new gaskets, P/N M-674. Performed compression test on CYL #1, 70/80. Removed and replaced #3 EGT probe with new P/N 16579-002. All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Mark Palazzo
 Mark Palazzo, AIP 320111A

End

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward \longrightarrow				

Engine Service and Maintenance Record

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



Travel Express Aviation Maintenance, Inc
DuPage Airport, West Chicago, IL 60185

Aircraft: N108EZ Date: 12/10/12 Invoice 4529

HOBBS: 1065.2 Flight: 883.8

The following work was accomplished:

The engine oil was drained, the filter element removed, opened and inspected. No foreign matter or metal particles were found. A new filter P/N CH48108-1 was installed. The engine was serviced with 8 qts. of Exxon Elite 20W50 oil. The engine was run and checked for leaks (none apparent)

All work was performed in accordance with manufacturer's specifications and Federal Aviation Regulations.

Robert C Taets
Robert C Taets, AP 2697388

End

Checked compression, #165780, #236080, #36080, #46080, #56080, #65780;
Changed oil 8 qts, 20W50 Exxon & changed filter/inspected-cleaned oil screen;
Cleaned-inspected-gapped-tested-rotated spark plugs; checked magnetos-breaker comp't-
Timing, inspected Engine-Prop-Turbocharger-Exhaust System; checked and lubed
Engine controls; washed down engine; cleaned fuel-primer-nozzles-fuel-injector
Nozzles-fuel regulator-carb-inlet-screen-drained/flushed-carb-bowl; dressed-down
& painted Prop; cleaned/replaced-induction air filter; engine ground run/ok

JATE 6/20/13 TACH 890.7 FLIGHT HOBBS TTE: 890.7
I CERTIFY THAT THIS ENGINE REPLACE 1 SPARK PLUG
HAS BEEN INSPECTED I.A.W. FAR WITH NEW W4H323
ANNULAR INSPECTION AND HAS PLUG. REMOVED LT. MAG
BEEN DETERMINED TO BE IN S/N: D0SKA121 AND RT.
AIRWORTHY CONDITION. NO 28 MAG S/N: D0SKA181.
FORI SPARE W/WE APPROVED, LLC DISASSEMBLE AS NEEDED
TO CLEAN, INSPECT AND LUBE INTERNALLY.
REPLACED POINT SET IN RT. MAG. REASSEMBLY
BOTH, REINSURE + TIME TO ENGINE SPECS.
C/W: TEM 145B 645 IMPULSE COUPLING INSP.
BOTH FOUND TO BE WITHIN SPEC. I.A.W. MSB.
— END —

Engine Service and Maintenance Record

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

Date

Total Time	Hrs.	Min.
	Time Since Last Overhaul	
Brought Forward	Hrs.	Min.

1-31-2014
 1123.1
 Replaced Turbo scavange pump and #3 cylinder due to cracked head. Serviced with 10 qts Aeroshell 80 mineral. Ground run per TCM S.B. Joseph & Jimmy Ad 3519201

ENGINE MODEL:
IO-550-N42)
ENGINE S/N: 689819
REG. NO. 108EZ
WORK ORDER: 10546



Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 6/20/2014
 A/C TSN: 9459
 ENG TT: 9459
 TSMOH: 9459
 HOBBS: 1138.6

Engine Entries

(1) REMOVED ALL SIX CYLINDERS AND REPLACED WITH NEW CONTINENTAL MOTORS TOPS OVERHAUL KIT P/N: E07369, CYLINDER S/NS AS FOLLOWS: AC14EB78, AC14EB648, AC14EB739, AC14EB735, AC14EB716 AND AC14EB728. RUN AIRCRAFT LEAK CHECK AND FLIGHT TEST FOR ONE HOUR. ... (2) REMOVED AND REPLACED #6 EXHAUST LIFTER WITH NEW. P/N: 658077

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 is Approved for return to service. Permanent details of the repair are on file at this repair station under work order listed below.

DATE: 6/20/2014
 SIGNED:
 Frank R. Galella
 Certified Repair Station No. LKPR101K
 Work Order: 10546
 Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL:
IO-550-N42)
ENGINE S/N: 689819
REG. NO. 108EZ
WORK ORDER: 10553



Lincoln Park Aviation
 Repair Station No. LKPR101K
 425 Beaverbrook Road
 Lincoln Park, NJ 07035
 Phone: 973-633-0450

DATE: 6/27/2014
 A/C TSN: 11403
 ENG TT: 11403
 TSMOH: 11403
 HOBBS: 11403

Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL. CHANGE FILTER AND/OR CLEANED SCREENS. NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSIO... USING 80 PSI AS REFERENCE. #1) 74180 #2 75807 #3 72800 #4 74180 #5 74180 #6 75180. CHECKED FUEL SYSTEM, DRAINED SLUMPS, CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED. ... (6) N/A AD 2012-0306C NO AFTS FUEL SERVO. ... (7) N/A AD 2012-10-13 STARTER ADAPTER # DOES NOT APPLY.

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 is Approved for return to service. Permanent details of the repair are on file at this repair station under work order listed below.

DATE: 6/27/2014
 SIGNED:
 Frank R. Galella
 Certified Repair Station No. LKPR101K
 Work Order: 10553
 Printed by EBIS 3 (datcomedia.com)

Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward

ENGINE MODEL:
IO-550-N(42)
ENGINE S/N: 688819
REG. NO.: 108EZ
WORK ORDER: 11116



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 1/12/2016
A/C TSN: 1199.2
ENG TT: 1199.2
TSMOH: 1199.2
HOBBS: 1199.2

Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 60 PSI AS REFERENCE. #1) 75/80 #2 75/80 #3 72/80 #4 72/80 #5 59/80 #6 60/80. CHECKED FUEL SYSTEM, DRAINED SUMPS, CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED. (7) RETORQUE AND SAFETY MIXTURE CONTROL ROD END BOLT. (8) REMOVED AND REPLACED RIGHT EXHAUST STACK GROUND STRAP WITH NEW. PIN: MS25083-88B6. (9) ADJUSTED MAGNETO TO ENGINE TIMING TO ENGINE MANUFACTURER'S SPECS. TEST RUN OK.

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 is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

SIGNED:

Inspector #2

Frank R Galiella
Certified Repair Station No. LKPR101K

Work Order: 11116

CRS# LKPR101K

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ENGINE MODEL:
IO-550-N(42)
ENGINE S/N: 688819
REG. NO.: 108EZ
WORK ORDER: 11346



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 9/21/2016
A/C TSN: 1228.7
ENG TT: 1228.7
TSMOH: 1228.7
HOBBS: 1228.7

Engine Entries

(1) REPAIRED LEFT SIDE TURBO TRANSITION EXHAUST ASSY. INSTALLED NEW GASKETS, REINSTALL.

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 is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

SIGNED:

CRS# LKPR101K

Frank R Galiella
Certified Repair Station No. LKPR101K

Work Order: 11346

Printed by EBis 3 (datcommedia.com)

ENGINE MODEL:
IO-550-N(42)
ENGINE S/N: 688819
REG. NO.: 108EZ
WORK ORDER: 11533



Lincoln Park Aviation
Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 4/12/2017
A/C TSN: 1037.3
ENG TT: 1037.3
TSMOH: 1037.3
HOBBS: 1037.3

Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 60 PSI AS REFERENCE. #1) 76/80 #2 77/80 #3 75/80 #4 76/80 #5 78/80 #6 75/80. CHECKED FUEL SYSTEM, DRAINED SUMPS, CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.

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 is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

SIGNED:

Inspector #2

Frank R Galiella
Certified Repair Station No. LKPR101K

Work Order: 11533

Printed by EBis 3 (datcommedia.com)

CRS# LKPR101K

Engine Service and Maintenance Record

Special Inspections,

Date

Total Time

Time Since Last Overhaul

ENGINE MODEL:
IO-550-N(42)
ENGINE S/N: 689819
REG. NO. N108EZ
WORK ORDER: 11890



Lincoln Park Aviation

Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0460

DATE: 4/26/2018
A/C TSN: 1059.6
ENG TT: 1059.6
TSMOH: 1059.6
HOBBS: 1059.6

Engine Entries

(2) 100HR/ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS, NO CONTAMINATION FOUND, CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1) 67.60 #2) 62.60 #3) 69.90 #4) 69.90 #5) 62.46 #6) 70.80 CHECKED FUEL SYSTEM, DRAINED SUMP'S, CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.

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 is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 4/26/2018

SIGNED:

[Signature]

Inspector #2

Work Order: 11890

Frank R Gabeler

Certified Repair Station No. LKPR101K

CRSH LKPR101K

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL: IO-550N
(42)
ENGINE S/N: 689819
REG. NO. N108EZ
WORK ORDER:
5114-08-2019



Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

DATE: 02 August, 2019
A/C TSN:
ENG TT:
TSMOH:
FLIGHTTIME: 1100.7

Engine Entries

Drained oil and took sample for evaluation by Blackstone Labs. Removed filter and inspected for contaminants, none found. Installed new Tempest oil filter P/N: AA48108-2, and serviced engine with 7 quarts Phillips 20W50XC. Performed ground run of engine, all ops check good, leak check good. All maintenance performed IAW Cirrus SR22 AMM and Continental TMO standard practices manual.

DATE: 02 August, 2019

SIGNED:

[Signature]
Luke Zalk A&P 3695185

Work Order: 5114-08-2019

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL: IO-550N
(42)
ENGINE S/N: 689819
REG. NO. N108EZ
WORK ORDER:
5202-09-2019

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

DATE: 15 October, 2019
A/C TSN:
ENG TT:
TSMOH:
FLIGHTTIME: 1120.7

Engine Entries

Completed Annual inspection in scope & detail of FAR 43 Appendix D and using the SR22 Annual Checklist as a guide. Researched AD's thru bi-weekly 2018-19 - none due at this time. Completed Differential compression check. #1 68 #2 68 #3 64 #4 63 #5 72 #6 72, all over 80 psi. MO 43/80. Completed scope inspection of cylinders - no defects noted. Cleaned engine compartment and lubricated engine controls. I certify that this Engine has been inspected in accordance with an Annual inspection and has been found to be in Airworthy condition.
CWA Tornado Alley S108-05 Induction Filter by cleaning and re-oiling of engine induction filter.
CWA Tornado Alley S11-01 Exhaust system inspection, effective 03/31/2011 by visual inspection LH and RH exhaust slip joints. No defects found.
CWA Tornado Alley S108-04 Exhaust / Heat Exchanger Pressure Test / Inspection... LH heat exchanger passes test. RH heat exchanger fails - see replacement.

RH heat exchanger, leaks and does not pass - must be replaced - see item #20

CWA Tornado Alley S812-02 Fuel Pump by visual inspection. Completed with and no defects noted at this time.

CWA Tornado Alley S108-01 Discharge Tube by cleaning

CWA Tornado Alley, S809-01 Exhaust Manifold, effective 4/10/09, by visual inspection. No defects noted. Next due within 50 hours TIS.

DATE: 15 October, 2019

SIGNED:

[Signature]
Luke Zalk A&P 3695185

Work Order: 5202-09-2019

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ENGINE MODEL: IO-550N
(42)
ENGINE S/N: 689819
REG. NO. N108EZ
WORK ORDER:
5813-07-2020

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

DATE: 08 July, 2020
A/C TSN: 1136.6
ENG TT:
TSMOH:
FLIGHTTIME: 1136.6

Engine Entries

Drained oil and took sample to be evaluated at Blackstone Labs, removed oil filter. Cut filter open to inspect for contaminants, none found at this time. Installed new oil filter AA48108-2. Serviced engine with 7 qts Phillips X/C 20W50. Performed post maintenance run-up and leak check. No leaks noted at this time.

DATE: 08 July, 2020

SIGNED:

[Signature]
Luke Zalk A&P 3695185

Work Order: 5813-07-2020

Printed by EBIS 3 (datcomedia.com)

Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				

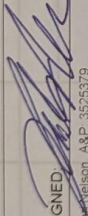
ENGINE MODEL: IO-550N
 (42)
 Waterford Aviation, Inc.
 6548 Highland Rd
 Suite 900
 Waterford MI 48327
 Phone 248-724-2400
 WORK ORDER:
 6080-10-2020

DATE: 06 November, 2020
 A/C TSN: 1136.6
 ENG TT: XXXXXXXXXX
 TSMOCH
 FLIGHTTIME: 1136.6

Engine Entries

C/W Tomado Alley S105-05 Induction Filter by cleaning and re-rolling of engine induction filter.
 C/W Tomado Alley SB11-01 by visually inspecting exhaust slip joints for binding/deformation; no defects found. Next due at next annual or next time maintenance performed on exhaust; whichever occurs first.
 C/W Tomado Alley S105-04 Exhaust /Heat Exchanger Pressure Test / inspection by pressure testing LH and RH exhaust heat exchangers; no leaks found.
 C/W Tomado Alley SB12-02 Fuel Pump by visual inspection and function check; no leaks detected. Next due at next annual or 50 hours TIS, whichever occurs first.
 C/W Tomado Alley S105-01 Discharge Tube by cleaning. Next due in 50 hours TIS.
 C/W TAT SB03-01 Exhaust Manifold inspection by visual inspection of exhaust flanges. No defects noted at this time. Next inspection due in 50 hours TIS.

DATE: 06 November, 2020

SIGNED: 
 Karl Nelson, A&P 3525379

Work Order: 6080-10-2020
 Printed by EBIS 3 (datcomedia.com)

Waterford Aviation, Inc.


ENGINE MODEL: IO-550N
 (42)
 Waterford Aviation, Inc.
 6548 Highland Rd
 Suite 900
 Waterford, MI 48327
 Phone: 248-724-2400
 WORK ORDER:
 6080-10-2020

DATE: 06 November, 2020
 A/C TSN: 1136.6
 ENG TT: XXXXXXXXXX
 TSMOCH
 FLIGHTTIME: 1136.6

Engine Entries

Completed Annual Inspection in scope & detail of FAR 43 Appendix D and using the SR22 Annual Checklist as a guide. Researched AD's thru bi-weekly 2020-20. Completed Differential compression check #1: 75, #2: 71, #3: 66, #4: 65, #5: 70, #6: 45, all over 60PSI. Completed borescope inspection of cylinders. Cleaned engine compartment and lubricated engine controls. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.

DATE: 06 November, 2020

SIGNED: 
 Dan Lynd, A&P 35284030

Work Order: 6080-10-2020
 Printed by EBIS 3 (datcomedia.com)



Waterford Aviation, Inc.

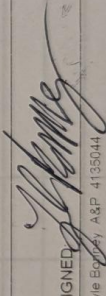
6548 Highland Rd
 Suite 900
 Waterford MI 48327
 Phone: 248-724-2400

DATE: 17 December, 2021
 A/C TSN: 1190.5
 ENG TT: XXXXXXXXXX
 TSMOCH
 FLIGHTTIME: 1190.5

Engine Entries

Drained oil and took sample to be evaluated at Blackstone Labs. removed oil filter. Cut filter open to inspect for contaminants; none found at this time. Installed new oil filter AA48106-2. Serviced engine with 7 qts Phillips X/C 20W50 and Cam3uard as required. Performed post maintenance run-up and leak check. No leaks noted at this time.

DATE: 17 December, 2021

SIGNED: 
 Lyle Bowers, A&P 41350444

Work Order: 7516-12-2021
 Printed by EBIS 3 (datcomedia.com)

6080-10-2020 (11-06-2020)

MAKE: Cirrus
 MODEL: SR22
 S/N: 2037
 REG NO: N108EZ
 ENGINE MAKE: CONTINENTAL
 ENGINE MODEL: IO-550N (42)
 ENGINE SN: 689819

Waterford Aviation, Inc.
 6548 Highland Rd
 Suite 900
 Waterford, MI 48327

W/O #: 6080-10-2020
 DATE: 11-06-2020
 A/C TT: 1136.6
 ENG TT: 1136.6

Page 1 / 1

Engine Entries

• AD 2020-16-11 (eff. 9/21/2020) Crossflow Cylinders - DNA as no cylinder assemblies have been replaced since November 1, 2014.
 No further action required.

DATE: 11-06-2020

SIGNED: 
 Jeff Bowers
 A&P Number: 2738624

WORK ORDER: 6080-10-2020
 Printed by EBIS (EBISCloud.com)

Engine Service and Maintenance Record

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

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought r

ENGINE MODEL IO-550N
(42)
ENGINE S/N: 689819
REG NO: N108EZ
WORK ORDER
7775-03-2022

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

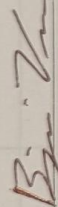
DATE: 20 April, 2022
A/C TSN: 1218.4
ENG TT: TSMOH
FLIGHTTIME: 1218.4

Engine Entries

Removed RH Magneto PN: 10-500556-101, SN: D05KA181 and installed a repaired Magneto (Quality Aircraft Accessories Inc. CRS-01/R324Y, WO: 084353), PN: 10-50556-101, SN: D19JA039
Installed new Magneto filter PN: 1386-2
Drained oil and took sample to be evaluated at Blackstone Labs, removed oil filter. Cut filter open to inspect for contaminants, none found at this time
Installed new oil filter AA48106-2, serviced engine with 7 qts Phillips X/C 20W50 and CamGuard as required. Performed post maintenance run-up and leak check. No leaks noted at this time.

DATE: 20 April, 2022

SIGNED:



Ben Vroman, A&P, 4199194

Work Order: 7775-03-2022

Printed by EBis 3 (datamedia.com)

ENGINE MODEL IO-550N
(42)
ENGINE S/N: 689819
REG NO: N108EZ
WORK ORDER
7775-03-2022

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

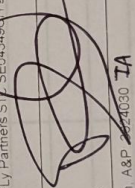
DATE: 20 April, 2022
A/C TSN: 1218.4
ENG TT: TSMOH
FLIGHTTIME: 1218.4

Engine Entries

Completed Annual inspection in scope & detail of FAR 43 Appendix D and using the SR22 Annual Checklist as a guide. Researched AD's thru bi-weekly 2022-06. Completed Differential compression check #1,73 #2,56 #3,63 #4,60 #5,68 #6,69 #7,04. Per 80 per. Completed borescope inspection of cylinders - no defects noted at this time. Cleaned engine compartment and lubricated engine controls. Replaced 1 spark plug PN: RH833E. I certify that this engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.
C/W Torrado Alley S108-05 Induction Filter by cleaning and re-oiling of engine induction filter system for signs that each slip joint remains unrestricted in its ability to allow the exhaust components to slide at that slip joint. No defects noted at this time.
C/W Torrado Alley SB11-01 by visually inspecting the slip joints on both sides of the exhaust system for signs that each slip joint remains unrestricted in its ability to allow the exhaust components to slide at that slip joint. No defects noted at this time.
C/W Torrado Alley S108-04 by inspecting and pressure testing the Cabin Heat Augmenter/Falloppe assembly for induction leaks. No defects noted at this time.
C/W Torrado Alley SB12-02 Fuel Pump by visual inspecting engine driven fuel pump for leaks. No defects noted at this time.
C/W Torrado Alley S108-01 Discharge Tube by cleaning.
C/W Torrado Alley SB09-01 Exhaust Manifold by visually inspecting exhaust manifold for cracks. No cracks noted at this time.
Adjusted clamps and position of alternate air. Applied RTV to area on nose gear.
Adjusted idle mixture screw 1/2 turn CCW per Continental M-0 manual section 4.10.
Removed LH mag PN: 10-500556-101, SN: D05KA121 and LH mag ignition harness. Installed SureFly Ignition Module SIM6C, SN: 6C-0622020 and LH ignition harness P/N: CT118-11BS-SW, IAW SureFly Partners S/P: SEA03468-4 and SureFly SIM6C installation instructions Doc# SFH033 rev C. Weight and balance change negligible.

DATE: 20 April, 2022

SIGNED:



Dan Lynch, A&P, 224030 TA

Work Order: 7775-03-2022

Printed by EBis 3 (datamedia.com)

ENGINE MODEL IO-550N
(42)
ENGINE S/N: 689819
REG NO: N108EZ
WORK ORDER
8568-10-2022

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

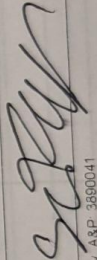
DATE: 28 October, 2022
A/C TSN: 1251.3
ENG TT: 1251.3
TSMOH
FLIGHTTIME: 1251.3

Engine Entries

Drained oil and took sample to be evaluated at Blackstone Labs, removed oil filter. Cut filter open to inspect for contaminants, none found at this time
Installed new oil filter AA48106-1. Serviced engine with 7 qts Phillips X/C 20W50 and CamGuard as required. Performed post maintenance run-up and leak check. No leaks noted at this time.

DATE: 28 October, 2022

SIGNED:



Sean Fairrelly, A&P, 3860041

Work Order: 8569-10-2022

Printed by EBis 3 (datamedia.com)



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

Record
inspections,

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO.: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689819

W/O # PTK-9511-08-2023
DATE: 08-30-2023
A/C TT: 1316.5
ENG TT: 1316.5

Engine Entries

- Drained oil and took sample to be evaluated at Blackstone Labs, removed oil filter. Cut filter open to inspect for contaminants, none found at this time. Installed new oil filter AA48108-2. Serviced engine with 7 qts Phillips XC 20W50 and CamGuard as required. Work performed IAW Continental Aerospace Manual (CAM) ch. 6-4.8. Performed post maintenance run-up and leak check. No leaks noted at this time.

DATE: 08-30-2023

SIGNED:

Dan Lynch
A&P Number: 4874030

WORK ORDER: PTK-9511-08-2023
Printed by EBIS (EBISCloud.com)

PTK-9657-10-2023 (10-26-2023)

Page 1 / 1



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

W/O # PTK-9657-10-2023
DATE: 10-28-2023
A/C TT: 1335.1
ENG TT: 1335.1

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO.: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689819

Engine Entries

- Removed RH Magneto from engine. Removed capacitor and breaker points and installed new capacitor. P/N: 10-400615. and new breaker points. P/N: 10-382584. Replaced gaskets. P/N: 10-357532. P/N: 649854. Reinstalled RH magneto to engine and performed magneto to engine timing as required. ops check good. All work accomplished with reference to Continental Aerospace Technologies M-C Maintenance and Overhaul Manual and Continental Ignition Systems S-1200 Series High Tension Magneto Service Support Manual.

DATE: 10-26-2023

SIGNED:

Jonathan Hamm
A&P Number: 4765670

WORK ORDER: PTK-9657-10-2023
Printed by EBIS (EBISCloud.com)

9233-05-2023 (05-02-2023)

Page 1 / 1



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

W/O # 9233-05-2023
DATE: 05-02-2023
A/C TT: 1281.9
ENG TT: 1281.9

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO.: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689819

Engine Entries

- Completed Annual Inspection in scope & detail of FAR 43 Appendix D and using the SR22 Annual Checklist as a guide. Researched AD's thru bi-weekly 2023-10. Completed Differential compression check #1 72.80 #2 67.80 #3 68.80 #4 64.80 #5 74.80 #6 69.80 MD 45/80. Completed borescope inspection of cylinders. Cleaned engine compartment and lubricated engine controls. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.

DATE: 06-02-2023

SIGNED:

Dan Lynch
IA Number: 3524030

WORK ORDER: 9233-05-2023
Printed by EBIS (EBISCloud.com)

9233-05-2023 (06-02-2023)

Page 1 / 1



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

W/O # 9233-05-2023
DATE: 06-02-2023
A/C TT: 1281.9
ENG TT: 1281.9

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO.: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689819

Engine Entries

- Drained oil - took sample for Blackstone Labs, removed oil filter, inspected for contaminants - none found, installed new AA48108-1 oil filter, and serviced sump with 7 qts Phillips 20W50 X/C oil and CamGuard.

DATE: 06-02-2023

SIGNED:

Ben Vroman
A&P Number: 4198194

WORK ORDER: 9233-05-2023
Printed by EBIS (EBISCloud.com)



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9.1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

Nationality and Registration Mark		Serial No.
N108EZ		2037
1. Aircraft	Make	Series
	Cirrus	22
2. Owner		Address (As shown on registration certificate)
Kirk Goodell		City <u>White Lake</u> State <u>MI</u>
		Zip <u>48386</u> Country <u>USA</u>

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name <u>Dan Lynch</u>	<input checked="" type="checkbox"/> U. S. Certified Mechanic	Manufacturer	
Address <u>8092 Miller Rd.</u>	<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.	
City <u>Swartz Creek</u> State <u>MI</u>	<input type="checkbox"/> Certified Repair Station	A&P 3624030	
Zip <u>48473</u> Country <u>USA</u>	<input type="checkbox"/> Certified Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual April 20, 2022
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is

Approved Rejected

BY	FAA Flight Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	<input checked="" type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Inspection Authorization	Other (Specify)
Certificate or Designation No. 3624030 IA		Signature/Date of Authorized Individual April 20, 2022		

NOTICE

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.

8. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N108EZ April 20, 2022

Nationality and Registration Mark

Date

1. Removed LH mag P/N 10-500556-101, S/N D05KA121. Installed SureFly Ignition Module SIM6C S/N 6C-0622020 IAW SureFly Partners STC SA04378CH and SureFly Electric Ignition Installation Instructions Doc SF2001 rev B by installing power wire and fuse holder ass'y P/N SIM6CHW from battery side of MCU to SIM6C module.

2. SureFly system is to be maintained IAW Document No. SF2005, Revision B

3. Weight and balance change negligible.

END

Additional Sheets Are Attached

1. Approving Civil Aviation Authority/Country: FAA/United States	2.	3. Form Tracking Number: NH1752
---	----	------------------------------------

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address: NEW HORIZONS 308 #B EAST FRANKLIN AVENUE, EL SEGUNDO, CALIFORNIA 90245 PARTS MANUFACTURER APPROVAL (PQ2039NM)	5. Work Order/Contract/Invoice Number: WO# 1899
---	--

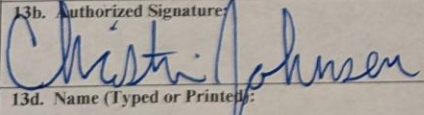
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HARNESS	CT16	1	N/A	NEW

12. Remarks:

AIRWORTHINESS APPROVAL.
 ARTICLES WERE MANUFACTURED UNDER 14 CFR PART 21, SUBPART K, FAA-PMA APPROVAL PQ2039NM.
 THESE ARTICLES WERE PRODUCED UNDER IDENTICALITY.
 THESE PMA PARTS ARE NOT A CRITICAL COMPONENT.

THIS IS A SUBASSEMBLY (LEFT SIDE ONLY) OF
 FAA-PMA MAGGIE IGNITION SYSTEMS HARNESS PART NUMBER CT16-11BS-SW.

13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 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 work, the items are approved for return to service.
--	---

13b. Authorized Signature: 	13c. Approval/Authorization No.: DMIR-999995978-NM	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): CHRISTINE JOHNSON	13e. Date (dd/mm/yyyy): 06/APR/2022	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):

User/Installer Responsibilities

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.

NSN: 0052-00-012-9005

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

Brought 9233-05-2023 (05-02-2023)

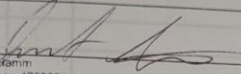
MAKE: Cirrus
MODEL: SR22
S/N: 2017
REG. NO: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689E19

 **Waterford Aviation, Inc.**
6548 Highland Rd
Suite 900
Waterford, MI 48327

Page 1 / 1
W/O #: 9233-05-2023
DATE: 05-02-2023
A/C TT: 1281.9
ENG TT: 1281.9

Engine Entries


- C/W Tornado Alley SB08-05 Induction Filter by cleaning and re-oiling of engine induction filter.
- C/W Tornado Alley SB11-01 by visually inspecting the slip joints on both sides of the exhaust system for signs that each slip joint remains unrestricted in its ability to allow the exhaust components to slide at that slip joint. No defects noted at this time.
- C/W Tornado Alley SB08-04 Exhaust Heat Exchanger Pressure Test / Inspection.
- C/W Tornado Alley SB12-02 Fuel Pump by visual inspection.
- C/W Tornado Alley SB08-01 Discharge Tube by cleaning.
- C/W Tornado Alley SB09-01 Exhaust Manifold by visual inspection.

DATE: 06-02-2023 SIGNED: 
Jonathan Hamm
A&P Number: 4765670

WORK ORDER: 9233-05-2023
Printed by EBIS (EBISCloud.com)

9077-04-2024 (06-21-2024)

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO: N108EZ

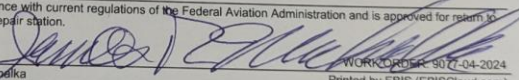
 **Kalamazoo Aircraft, Inc.**
Certified Repair Station No. K9AR289N
2729 E. Milham Rd.
Portage, MI 49002

Page 1 / 1
W/O #: 9077-04-2024
DATE: 06-21-2024
A/C Flight Time: 1366.6
ENG TT:

Engine Entries

CHANGED OIL AND FILTER, INSPECTED REMOVED FILTER, METAL CONTAMINATES FOUND IN FILTER, PER CUSTOMER REQUEST INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QTS PHILLIPS 20W50 X/C IAW CIRRUS SR22 AMM 12-10-00, RAN AND LEAK CHECKED WITH NO DEFECTS NOTED. ... REMOVED #1 ALTERNATOR, BOROSCOPIED ENGINE, FOUND #3 CYLINDER LIFTERS SPALLED, ADVISED OWNER OF FINDINGS, REINSTALLED #1 ALTERNATOR WITH NEW BASE GASKET, RAN AND LEAK CHECKED GOOD.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this certified repair station.

DATE: 06-21-2024 SIGNED: 
James Michdika
Certified Repair Station No. K9AR289N

WORK ORDER: 9077-04-2024
Printed by EBIS (EBISCloud.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689819



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

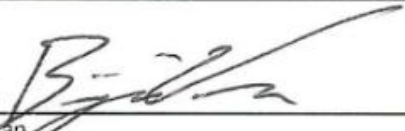
W/O #: PTK-10219-08-2024
DATE: 05-16-2025
A/C TT: 1367.1
ENG TT: 1367.1

Engine Entries

- Removed and replaced both the RH and LH exhaust tailpipe V-Band clamps with new PN: 11-1100023 (QTY 2), work done in reference to tornado Ally Turbos CIRRUS NEW EXHAUST INSTALLATION INSTRUCTIONS 22-6460006 For kits PN 22-6180001, 22-6180002.
- C/W AD 23-09-09 (eff. 7/17/2023) by removing the exhaust spot welded multi-segment v-band clamps and replacing them with new PN: 11-1100023. Next inspection due in 12 months, replacement is due at 500hrs TIS. (1867.3)
- Removed and replaced Cylinders #3 & #6 intake and exhaust lifters with new PN: SA628488(QTY 2) and PN: Sa646277 (QTY 2) Installed new pushrod seals PN: SA534610 (QTY 4) and packings PN: SA630286 (QTY 4). Installed new rocker shaft washer tabs PN: 501868 (QTY 8), and installed new rocker cover gaskets PN: SA632459 (QTY 4). Work done in reference to Continental motors M-0 Chapter 10-6.
- Replaced the #4 intake tube to cylinder head gasket with new PN: 649950, work done in reference to Continental Motors Manual M-0 Chapter 10-6.

DATE: 05-16-2025

SIGNED:


Ben Vroman
A&P Number: 4199194

WORK ORDER: PTK-10219-08-2024

Printed by EBIS (EBISCloud.com)

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689819



Waterford Aviation, Inc.
6548 Highland Rd
Suite 900
Waterford, MI 48327

W/O #: PTK-10219-08-2024
DATE: 05-16-2025
A/C TT: 1367.1
ENG TT: 1367.1

Engine Entries

- C/W Tornado Alley SI08-05 Induction Filter by cleaning and re-oiling of engine induction filter.
- C/W Tornado Alley SB11-01 by visually inspecting the slip joints on both sides of the exhaust system for signs that each slip joint remains unrestricted in its ability to allow the exhaust components to slide at that slip joint. No defects noted at this time.
- C/W Tornado Alley SI08-04 by inspecting and pressure testing the Cabin Heat Augmenter/Tailpipe assembly for induction leaks. No defects noted at this time.
- C/W Tornado Alley SB12-02 Fuel Pump by visual inspecting engine driven fuel pump for leaks. No defects noted at this time.
- C/W Tornado Alley SI08-01 Discharge Tube by cleaning.
- C/W Tornado Alley SB09-01 Exhaust Manifold by visually inspecting exhaust manifold for cracks. No cracks noted at this time.
- Removed LH wastegate and sent out for overhaul. (done by Main Turbo Systems Inc. CRS: MAMR190K, W/O: 68365, Form tracking number: 52862). Installed overhauled wastegate P/N 470842-0004, S/N JIN01104. Installed with gaskets provided by Main Turbo Systems. Rigged crossover cable as required. Work performed in reference to Tornado alley Turbo Document Number: 22-6460007 & 22-6180001.
- Secured oil lines by oil filter as required to prevent chafing.
- Removed LH feed line from LH turbo and replaced oil feed gasket with new P/N 652100. Ops check good, no defects noted at this time.
- Adjusted RH magneto to spec as required. Work performed in reference to Continental Aerospace AMM Ch. 6-4.9.1.2.
- Installed new air filter P/N 33-2022 and serviced as required. Work performed in reference to Cirrus SR22 AMM Ch. 71-60.
- Removed LH side exhaust and sent to Tornado Alley Turbo for repair. Installed Repaired LH exhaust assemble with new gasket P/N: SA628260 (QTY3). Work performed in reference to Tornado Alley Turbo Installation instructions document: 22-6460006 Rev. G.

DATE: 05-16-2025

SIGNED:

Zac Dunkley
A&P Number: 4439395

A handwritten signature in black ink, appearing to read 'Zac Dunkley', is written over a horizontal line. The signature is fluid and cursive.

WORK ORDER: PTK-10219-08-2024

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PTK-10219-08-2024 (05-16-2025)

MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO: N108EZ
ENGINE MAKE: CONTINENTAL
ENGINE MODEL: IO-550N (42)
ENGINE SN: 689819



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Engine Entries

- Tightened nut on starter power stud.
- Removed and cleaned and inspected all cylinder fuel drains - no defects noted. Reinstalled all fuel drains.
- Removed and replaced LH and RH turbocharger support rod teflon with new teflon sleeves P/N: 22-6200048. Work performed in reference to Tornado Alley Turbo Installation instructions 22-6460006.

DATE: 05-16-2025

SIGNED:

Lyle Bonner
A&P Number: 4135044

WORK ORDER: PTK-10219-08-2024
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MAKE: Cirrus
MODEL: SR22
S/N: 2037
REG. NO: N108EZ
ENGINE MAKE: CONTINENTAL
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Engine Entries

- Completed Annual Inspection in scope & detail of FAR 43 App. D using Cirrus SR22 AMM ch 5-20 "Traditional Inspection" Checklist. Researched AD's thru bi-weekly 2025-09. Performed borescope inspection and cylinder compression check IAW Continental Aerospace Technologies Standard Practice Maintenance Manual M-0 ch 6-4.11.2 and 6-4.11.3. Compression check results: #1 74 #2 63, #3 64, #4 64, #5 69, #6, 71 MO 44, - all over 80 psi.. Cleaned, inspected, gapped, tested & rotated spark plugs IAW M-0 ch 6-4.9.2. I certify that this Engine has been inspected in accordance with an Annual Inspection and has been determined to be in Airworthy condition.

DATE: 05-16-2025

SIGNED:

Dan Lynch
IA Number: 3624030

WORK ORDER: PTK-10219-08-2024

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