

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

Logbook Entry

DATE: 12/7/2021 ACFT: Cirrus SR22T REGISTRATION NO.: N342ED SERIAL NO: 0485

HOBBS: 1362.5 ACTT: 1362.5 ETT: 1362.5 EngSn:

WORK PERFORMED:

- Performed Engine oil change, Drained oil and examined filter no debris found. Replaced oil filter with AA48108-2 and safety wired, serviced engine with 8 qts of Phillips 20W50.

DATE: 12/8/2021

SIGN: 

5/28/2022 Cirrus SR22T N342ED SN: 0485

Hobbs: 1679.0 Flight: 1419.9

- Performed ENGINE oil and Filter change. Serviced with 8 qts Phillips 20W50, and Replaced oil Filter AA48108-2. No Debris noted in old filter. Leak check Performed, NO leaks noted.

5/28/2022 

9/25/2022 Cirrus SR22T Reg: N6JA. SN:0485 Hobbs: 1708.1 Flight: 1441.5

ENgSN:1007953 PropSN:NI675B

Performed Engine 100 hour/annual inspection referencing FAR part 43 appendix D serviced with phillips XC 20W50 oil and filter part number AA48108-2. Compressions are as follows:
1:71/80 2:74/80 3:74/80 4:79/80 5: 75/80 6: 60/80

I certify this Engine has been inspected in accordance with annual inspection referencing FAR part 43 appendix D, and is determined to be in an airworthy condition and approved for return to service

9/25/2022 

Date 9/1/2021

W/O# 19427



Engine Logbook Entry

CRS AWKR298C

AIRCRAFT: N 342ED

25170 Aviation Ave., Davis, CA 95616

S/N 0485

Tach / Flight

1277.7

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

Eng TSN

1277.7

COMPLIED WITH CIRRUS SA17-05, CMI SB16-8 TURBO EXHAUST TRANSITION INSPECTION.

Eng TSO

N/A

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL. COMPRESSION TEST RESULTS: #1- 69/80, #2- 70/80, #3- 22/80, #4- 62/80, #5- 70/80, #6- 70/80. MASTER ORIFICE: 41/80.

TTAF

1277.7

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100 MINERAL ENGINE OIL. COMPLIED WITH CONTINENTAL TURBOCHARGER CHECK VALVE AND FILTER CLEANING AND INSPECTION. INSTALLED OVERHAULED #3 CYLINDER P/N 658815 S/N AC04EA335 AND PISTON "WG" WITH NEW PIN P/N 649703 BY POWERMASTERS AIRCRAFT ENGINES CRS#P46R287Y W/O 21-0626-1. INSTALLED 12 NEW SPARK PLUGS. INSTALLED NEW #3 CYLINDER EXHAUST RISER ASSY P/N 657647-B S/N 035361-0009.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed: [REDACTED]

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual Inspection and was determined to be in an airworthy condition. Signed: [REDACTED]

Date 9/14/2021

W/O# 19574



Engine Logbook Entry

CRS AWKR298C

AIRCRAFT: N 342ED

S/N 0485

25170 Aviation Ave., Davis, CA 95616

FLIGHT
METER

1277.7

INSTALLED REBUILT MAGNETOS P/N BL-500556-101 LEFT S/N D21GA045 AND RIGHT S/N D21GA046 FROM CONTINENTAL AEROSPACE TECHNOLOGIES, INC. CRS# PQ1269CE UNDER W/O 589583. SET MAGNETO TO ENGINE TIMING.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [REDACTED]



Logbook Entry

DATE: 10/27/2021 ACFT: Cirrus SR22T

REGISTRATION NO.: N342ED SERIAL NO: 0485 HOBBS: 1564.8

ACTT: 1332.0

ETT: 1332.0

Eng Sn: 1007953

WORK PERFORMED:

- Removed and replaced secondary alternator and re tensioned alternator belt, performed ground run, ops check good.

DATE: 10/27/2021

SIGN: [REDACTED]

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

Date 7/31/2020



W/O# 18632

Engine Logbook Entry

AIRCRAFT: N 342ED

CRS AWKR298C

S/N 0485

25170 Aviation Ave., Davis, CA 95616

FLIGHT 1091.3 REMOVED #2 ALTERNATOR AND INSTALLED ENVIROMENTAL SPLICES FOR THE FIELD WIRE.
METER REINSTALLED #2 ALTERNATOR AND ADJUSTED BELT TENSION TO SPEC. OPERATIONAL CHECKED
NORMAL

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Date 8/13/2020



W/O# 18670

Engine Logbook Entry

AIRCRAFT: N 342ED

CRS AWKR298C

S/N 0485

25170 Aviation Ave., Davis, CA 95616

FLIGHT 1109.7 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO
METER DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER
AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND 1 PINT OF CAMGUARD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

ENGINE MODEL: TDL Aero Enterprises
TSIO550
ENGINE S/N: 44 MACREADY DRIVE
REG NO: N342ED Merced, CA 95340
WORK ORDER: 00002261

DATE: 9/26/2020
A/C TSN: 1135.8
ENG TT: 1135.8
TACH:

Engine Entries

Completed Cirrus 25 hour oil change interval item per CDC check list, (ref TCM ICA), oil drained and serviced with 8 qts Aeroshell 100W, 10oz Cam guard. Blackstone oil analysis taken, filter inspected and replaced with new filter CH48108, run up leak checks complete OK

Maintenance Release The aircraft and/or component(s) on N342ED was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 9/26/2020

SIGNED: [Signature]

Work Order: 00002261

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Date: 9 January 2021 Hobbs: 1401.8 N342ED SR22T S/N: 0485

FLIGHT: 1202.3

W/O# 18632

Drained oil and replaced with 7qts. 20W50 Oil. Replaced oil filter and safety wire.
Collected oil sample for analysis. Engine test-run and no leaks noted.

Owner, Commercial [Signature]

Date: 7 April 2021 Hobbs: 1449.6 N342ED SR22T S/N: 0485

FLIGHT: 1237.3

W/O# 18632

Drained oil and replaced with 7qts. 20W50 Oil. Replaced oil filter and safety wire.
Collected oil sample for analysis. Engine test-run and no leaks noted.

Owner, Commercial [Signature]

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

Date 4/8/2020

W/O# 18406

Tach / Flight 1,026.70

Eng TSN

Eng TSO

TTAF

**Engine Logbook Entry****CRS AWKR298C**

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED**S/N 0485**

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND 1 PINT CAMGUARD. REMOVED #2 ALTERNATOR AND REPAIRED FIELD AND SHIELDING WIRING. REINSTALLED ALTERNATOR AND SET BELT TENSION. OPERATIONAL / LEAK CHECK GOOD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: [REDACTED]



2601 Cessna Lane NW Kennesaw, GA 30144 DK7R795J
 LOG ID# 22071 17-July-2020 WO# 20345-0
 N342ED S/N 0485 CIRRUS SR22T
 AC TT 1247.3 HOBBS 1247.3 TACH 1067.6
 TT ENGINE 1067.6

Pg 1 / 1

*** ENGINE LOG ENTRY ***

PERFORMED ANNUAL INSPECTION OF THIS ENGINE IN ACCORDANCE WITH CIRRUS AIRCRAFT SR22 AMM 05-20 INSPECTION CHECKLIST. SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. PERFORMED PRE-MAINTENANCE ENGINE OPERATIONAL RUN. DRAINED ENGINE OIL. TOOK ENGINE OIL SAMPLE. REMOVED OIL FILTER, CUT OPEN, AND INSPECTED FOR CONTAMINANTS, NONE NOTED. INSTALLED NEW OIL FILTER P/N AA48108. SERVICED ENGINE WITH AEROSHELL 50/100W OIL. WASHED ENGINE. RAN ENGINE AND INSPECTED FOR LEAKS, NONE NOTED. PERFORMED POST MAINTENANCE OPERATIONAL RUN, ALL CHECKS NORMAL. LUBRICATED TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. PERFORMED COMPRESSION CHECK: #1 - 68/80, #2 - 30/80, #3 - 60/80, #4 - 60/80, #5 - 60/80, #6 - 70/80, MASTER ORIFICE - 42. TIMED MAGNETOS. OPS CHECK OK. RETORQUED ROCKER COVERS, LEAK CHECK GOOD. REPOSITIONED CYLINDER #2 AND #4 PUSH ROD TUBES, LEAK CHECKED OK. REMOVED AND REPLACED SCOOTHOSE. RETORQUED ALL OIL PAN HARDWARE AND LEAK CHECKED OK. INSTALLED NEW CRANKSHAFT SEAL IAW TCM MM M-18. INSTALLED TWO ADEL CLAMPS TO SECURE DRAIN MANIFOLD. INSTALLED NEW ALTERNATOR #1 BRUSH BLOCKS, OPERATIONAL CHECK OK. COMPLIED WITH TCM 18-08 INSPECTING AND MODIFYING CYLINDER IAW SERVICE BULLETIN INSTRUCTIONS. BORSESCOPED #2 CYLINDER AND FOUND NO DAMAGE. CYLINDER IS OK FOR RETURN TO SERVICE IAW CMI MM M0. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURER'S MAINTENANCE MANUAL AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO#20345 DATED 17 JULY 2020.

Signed [REDACTED] FOR DLK AVIATION

Date 9/14/2018
W/O# 17087 /
17122



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 0485

Flight 833.3 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND 1 PINT OF CAMGUARD. SET LEFT AND RIGHT MAGNETO TO ENGINE TIMING. REMOVED ENGINE DRIVEN FUEL PUMP P/N 649368-60A7 S/N B16AA069. INSTALLED NEW FUEL PUMP P/N 649368-60A7 S/N B16FA156 AS PER CMI M-18 MANUAL. PERFORMED FUEL FLOW SET UP AS PER CMI M-0 MANUAL. OPERATIONAL AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Date 12/6/2018
W/O# 17328



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 0485

Flight 882.4 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND CAMGUARD. APPLIED MOUSE MILK LUBRICANT TO EXHASUT SLIP JOINTS.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Date 4/24/2019
W/O# 17604



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 0485

Tach / Flight 931.4 COMPLETED SAVVY AIRCRAFT MAINTENANCE 50-HR INSPECTION. CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND ONE PINT OF CAMGUARD. RUN UP AND LEAK CHECKED NORMAL.

Eng TSN

Eng TSO

TTAF

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Date 6/26/2019
W/O# 17724



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 0485

Tach / Flight 941.1 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.
Eng TSN 941.1 COMPLIED WITH CIRRUSS SA17-05, CMI SB16-8 TURBO EXHAUST TRANSITION INSPECTION.
Eng TSO N/A COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1- 68/80, #2- 58/80, #3- 69/80, #4- 66/80, #5- 63 /80, #6- 63/80.
TTAF 941.1 MASTER ORIFICE: 43/80.
DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND ONE PINT OF CAMGUARD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed: [Signature]

Date 11/21/2017
W/O# 11/21/2017



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 485

Flight

694.20

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS 20W50 X/C ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [REDACTED]

Date 5/3/2018
W/O# 16793



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 0485

Tach

755.9

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS 20W50 X/C ENGINE OIL. REMOVED ALTERNATOR P/N: 657199H S/N: H-M121662 AND INSTALLED NEW ALTERNATOR P/N: 657199 S/N: H-R111863. INSTALLED NEW UPPER AFT CASE THRU-BOLT O-RINGS. REMOVED STARTER P/N: C24ST3 S/N# 4C3-0011316. INSTALLED NEW STARTER P/N# 6464275-1, S/N# H-Y-161723. REMOVED AIR-CONDITIONING DRIVE AND COMPRESSOR ASSEMBLY. REMOVED ACCESSORY MOUNTING PAD. REPLACED GARLOCK SEAL AND REASSEMBLED. ADJUSTED TAKEOFF FUEL FLOW PER CMI M-0. REMOVED ENGINE DRIVEN FUEL PUMP P/N 649368-60A7 S/N B13CA148. INSTALLED NEW FUEL PUMP P/N 649368-60A7 S/N B16AA069. PERFORMED FUEL FLOW SET-UP AS PER CMI M-0 MANUAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [REDACTED]

Date 6/26/2018
W/O# 16850



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 0485

Tach / Flight

781.8

Eng TSN

781.8

Eng TSO

N/A

TTAF

781.8

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1- 71 /80, #2- 66 /80, #3- 72 /80, #4- 64 /80, #5- 70 /80, #6- 71 /80. MASTER ORIFICE: 45 /80.

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL100W ENGINE OIL AND 1 PINT OF CAMGUARD. COMPLIED WITH CMI M-0 TURBOCHARGER CHECK VALVE CLEANING AND INSPECTION. INSTALLED 12 NEW TEMPEST SPARK PLUGS. ADJUSTED LEFT AND RIGHT MAGNETO TO ENGINE TIMING. INSTALLED NEW COWL SEALS. REINSTALLED REPAIRED #6 CYLINDER INDUCTION TUBE.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: [REDACTED]

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. [REDACTED]

Date 12/13/2017
W/O# 16536



RH Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 342ED

S/N 0485

Tach

706.6

REMOVED LEFT EXHAUST TURBO TRANSITION P/N 658681, S/N 003025-0001. INSTALLED NEW LEFT EXHAUST TURBO TRANSITION P/N 658681, S/N 003025-0001.

COMPLIED WITH CIRRUS MANDATORY SB2X-71-27R1. REMOVED OIL SUMP PAN, CLEANED AND PREPPED, INSTALLED A NEW GASKET AND NEW OIL SUMP PAN P/N 652423.

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS 20W50 X/C ENGINE OIL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: [REDACTED]

N342ED

July 4, 2017

Engine logbook Entry

CIRRUS MN: SR22

SN: 0485

CONT

MN: TSIO 550-K

SN: 1007953

TACH TIME: 620.4

TTE: 620.4

Drain engine oil and replace oil filter with new AA48108. Clean, gap, and test spark plugs. Rotate spark plugs and install with new M674 Gaskets. Service engine with 8qts AS15W50. Solvent wash engine and recowl. No other maintenance or inspections performed at this time. END-

Service and Maintenance Record

Service actions including engine part removal and compliance with inspections, Airworthiness Directives, Modifications and Service Bulletins

ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1007953
REG. NO: 342ED
WORK ORDER:
1394-07-2017



Scanlon Aviation

451 Airport Road
Novato, CA 94945

DATE: 21 July, 2017
A/C TSN: 635.1
ENG TT: 635.1
TSMOH:
TACH: 635.1

Engine Entries

(1) Replaced alternator #2 mount bracket per CMI SIL14-4B. Shimmed mount and alternator for alignment per SIL instructions. Operation checked normal.... (7) Replaced duct from right intercooler to cabin heat junction with new SCEET duct.... (11) Installed air box spacer kit (70518-001) to prevent air box contact with oil pan. No further service performed at this time.... (14) Removed A/C drive/compressor assembly complete without opening system. Replaced seal in accessory drive pad and reinstalled with new gaskets.... (15) Removed propeller and replaced crankshaft oil seal. Reinstalled propeller with new seal.

DATE: 21 July, 2017

SIGNED: [Redacted Signature]

Work Order: 1394-07-2017

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ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N: 1007953
REG. NO: 342ED
WORK ORDER:
1413-08-2017



Scanlon Aviation

451 Airport Road
Novato, CA 94945

DATE: 26 August, 2017
A/C TSN: 650
ENG TT: 650
TSMOH:
TACH: 650

Engine Entries

(2) Performed annual inspection of engine per FAR 43 appendix D checklist. Changed oil and filter, filter opened and inspected for metal, none noted. Filled engine with 7 qts Aeroshell W100 and 1 pt ASI Camguard. Cleaned, gapped and tested spark plugs. Fuel injector nozzles cleaned and reinstalled with new seals. Compression checked @ #1-70, #2-60, #3-74, #4-72, #5-72, #6-70 with MO 46#. Engine run and checked for leaks, none noted. See attached A/D compliance sheet for AD status.... (4) Replaced induction air filter elements, next due by earlier of 8/2020 or 1050.0 TT.... (6) Right and left magnetos removed for 500 hr service, reinstalled mags (s/n D13AA075 & D13AA077) with new gaskets and timed to engine. Inspection performed by Aircraft Electrical Components CRS# S7HR883J.... (10) C/W SB2X-79-04 by installation of oil pressure switch relocation kit #70551-001.

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

DATE: 26 August, 2017

Work Order: 1413-08-2017

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Traxair

TRAX AIR, LLC
3122-C E. Amelia St.
Hangar 12
Orlando, FL 32803

Date: 12/19/2014; Aircraft: N342ED; Type: SR22T; S/N: 0485; Hobbs: 564.5; Tach: 494.2; Total Time: 494.2; Engine - Type: TSIO-550-K1B, S/N: 1007953, Time: 494.2, SMOH: 494.2; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: N1675B, Time: 494.2, SMOH: 494.2

Shop Order #: MXO-14-0704, Closed: 12/19/2014

Complied with oil change IAW manufacturers manuals. Drained engine oil, closed drain. Inspected oil filter element, no discrepancies noted. Installed new oil filter and safety wired. Serviced engine with 8 qts. of PH-20W50 oil. Performed engine run-up, no leaks or other defects found. Aircraft returned to service.

[Redacted Signature]
[Redacted]
AF-3608520

Spectrum Aero, LLC
4009 5th St. Ste. 102
Kissimmee, FL. 34741
[Redacted]



5.01.2015
Cirrus
SR-22T
S/N: 0485



Engine: TSIO-550-K s/n 1007953 N342ED F:494.6 H:565.3

Complied with FAR 91.409 Annual inspection IAW FAR 43.15 C(2), appendix D using the TSIO-550-K inspection checklist as a guide. Drained oil, removed filter, inspected element, no defects noted. Installed filter, serviced engine with 8 quarts Phillips X/C 20-50. Compressions: (1)72 (2)74 (3)70 (4)70 (5)70 (6)72. Cleaned, inspected fuel filter. Replaced all spark plugs with RHB32E. A.D. compliance good through 2015-08. Replaced upper deck reference line seals with new. Inspected and serviced left and right induction filters. Cleaned, inspected and installed fuel injector nozzles with new o-rings. I certify this engine has been inspected IAW a 100/ annual inspection and determined to be in airworthy condition.

[Redacted Signature]

Spectrum Aero, LLC
4009 5th St. Ste. 102
Kissimmee, FL. 34741
[Redacted]



8.10.2016
Cirrus
SR-22T
S/N: 0485



Engine: TSIO-550-K N342ED T: 591.9 H: 675.5

C/W Annual inspection IAW FAA FAR 43.15C(2)appendix D using the Cirrus SR-22T 100 Hr inspection checklist as a guide. A.D. research and compliance current through 2015-15. Removed, Cleaned, installed injector nozzles. Compressions: (1) 70 (2) 72 (3) 74 (4) 72 (5) 74 (6) 72. Serviced all spark plugs. Installed right turbo support bracket hardware. Performed Continental Motors fuel setup IAW SID97-3F. I certify this engine has been inspected IAW a 100 Hr/ annual inspection and determined to be in airworthy condition.

[Redacted Signature]

Service and Maintenance Record

ance actions including engine part removal and compliance with inspections, Airworthiness Directives, rs, Modifications and Service Bulletins

TraxairTRAX AIR, LLC
3122C E. AMELIA ST, ORLANDO, FL 32803

Date: 5/27/2014; Aircraft: N342ED; Type: SR22T; S/N: 0485; Hobbs: 482.10; Tach: 422.20;
Total Time: 422.20
Complied with oil change IAW manufacturers manuals. Drained engine oil, closed drain.
Inspected oil filter element, no discrepancies noted. Installed new oil filter and safety wired.
Serviced engine with 8 qts. of PH XL 20W50 oil. Performed engine run-up, no leaks or other
defects found. Aircraft returned to service.

Service and Maintenance Record

enance actions including engine part removal and
1 compliance with inspections, Airworthiness Directives,
tions, Modifications and Service Bulletins

TraxairTRAX AIR, LLC
3122C E. AMELIA ST, ORLANDO, FL 32803

Date: 8/05/2014; Aircraft: N342ED; Type: SR22T; S/N: 0485; Hobbs: 532.40; Tach: 468.00;
Total Time: 468.00; Engine - Type: TSIO-550-K1B, S/N: 1007953, Time: 468.00, SMOH:
468.00; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: NI675B, Time: 468.00, SMOH: 468.00
Shop Order #: MXO-14-0427, Closed: 8/05/2014
Complied with oil change IAW manufacturers manuals. Drained engine oil, closed drain.
Inspected oil filter element, no discrepancies noted. Installed new oil filter and safety wired.
Serviced engine with 8 qts. of PH-20W50 oil. Performed engine run-up, no leaks or other
defects found. Aircraft returned to service.

TraxairTRAX AIR LLC
3122C E. AMELIA ST, ORLANDO, FL 32803

Date: 10/09/2014; Aircraft: N342ED; Type: SR22T; S/N: 0485; Hobbs: 554.3; Tach: 487.1; Total
Time: 487.1; Engine - Type: TSIO-550-K1B, S/N: 1007953, Time: 487.1, SMOH: 487.1; Prop -
Type: PHC-J3Y1F-1N/N7605B, S/N: NI675B, Time: 487.1, SMOH: 487.1
Shop Order #: MXO-14-0553, Closed: 10/09/2014
Troubleshoot manifold indicating system and found wiring problems in engine compartment. Also
found manifold pressure sensor faulty. Repaired wiring and R&R manifold pressure sensor.
Post maintenance engine run-up found no further discrepancies. Returned the aircraft to
service.

TraxairTRAX AIR, LLC
3122-C E. Amelia St.
Hangar 12
Orlando, FL 32803

Date: 12/08/2014; Aircraft: N342ED; Type: SR22T; S/N: 0485; Hobbs: 562.1; Tach: 493.6; Total
Time: 493.6; Engine - Type: TSIO-550-K1B, S/N: 1007953, Time: 493.6, SMOH: 493.6; Prop -
Type: PHC-J3Y1F-1N/N7605B, S/N: NI675B, Time: 493.6, SMOH: 493.6

Shop Order #: MXO-14-0684, Closed: 12/08/2014

Inspection found the manifold, percent power, and fuel flow erratic or missing on instrument
indicators. Troubleshooting found the wiring harness from the engine bulkhead to the MAP
sensor faulty, and the MAP sensor cable strain relief assembly missing. R&R wiring harness and
installed the MAP sensor cable strain relief assembly. All work performed IAW SR22T M/M,
Chapter 77.10. Post maintenance engine run-up found no further discrepancies. Returned the
aircraft to service.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

Traxair

3122-c E Amelia St
Orlando, FL 32803

A/C: N342ED

S/N: 0485

Model: SR22T

Hobbs: 346.7

Tach: 302.6

1/13/14

Engine:

Complied with cirrus scheduled maintenance 100hr inspection IAW FAR 43.15(c)(2) Appx D, using the M/M 100hr insp. checklist as a guide. Drained engine oil and inspected oil filter element. No defects noted. Installed 10 qts of 20w-50 philips. Cleaned and serviced spark plugs. Serviced fuel injectors. Serviced gascolator. Compressions 1)62 3)71 5)76 2)70 4)68 6)72.

I certify that this engine has been inspected IAW Annual/100hr inspection and was determined to be in airworthy condition.



Traxair

TRAX AIR, LLC
3122-C E. AMELIA ST
ORLANDO, FL 32803

A/C: N342ED
S/N: 0485
MODEL: SR22T

TT: 337.7
TACH: 337.7
HOBBS: 387.5
MXO-14-0072

02/12/2014

ENGINE:

DRAINED OIL, REPLENISHED ENGINE WITH 8 QTS OF PH 66 XC-20W-50 OIL. REMOVED OIL FILTER, INSPECTED ELEMENT WITH NO DEFECTS NOTED. INSTALLED NEW AA48108-2 OIL FILTER AND SAFETY WIRED. GROUND RAN POST MAINTENANCE WITH NO LEAKS OR DEFECTS NOTED. ALL WORK PERFORMED IAW CIRRUS SR22T M/M. RETURNED THE AIRCRAFT TO SERVICE.



Traxair

TRAX AIR, LLC
3122-C E. Amelia St.
Hangar 12
Orlando, FL 32803

Date: 4/25/2014; Aircraft: N342ED; Type: SR22T; S/N: 0485; Hobbs: 440.30; Tach: 384.60; Total Time: 384.60; Engine - Type: TSIO-550-K1B, S/N: 1007953; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: N1675B

Shop Order #: MXO-14-0155, Closed: 4/25/2014

Engine inspected IAW Far 43.15 (C)(2) appendix D utilizing manufacturer's maintenance manual and engine manufacturer's 100 Hr checklist as a guide. Removed and shipped six cylinders assemblies for O/H by TCM. Installed six O/H cylinders upon receipt from TCM. All work performed IAW TCM M/M. Collected and sent oil sample for oil analysis by Blackstone Laboratories PO #: MXO-14-0238. R&R waste gate assembly IAW with TCM M/M. Engine run-up completed IAW Far 43.15 (2) found no further discrepancies. Returned the aircraft to service.

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



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	

TraxAir TRAX AIR, LLC
3122-C E. AMELIA ST
ORLANDO, FL 32803

A/C: N342ED

S/N: 0485

MODEL: SR-22T

TOTAL: 172.4

FLT: 146.9

WO# MXO-13-0424

08/20/2013

ENGINE:

DRAINED ENGINE OIL.

REPLENISHED ENGINE WITH 8 QTS OF PHILLIPS 66

XC 20W-50 OIL.

REMOVED OIL FILTER, INSPECTED ELEMENT, NO DEFECTS NOTED.

INSTALLED NEW OIL FILTER CH48108-1.

GROUND RAN ENGINE WITH NO LEAKS OR DEFECTS NOTED.

TraxAir TRAX AIR, LLC
3122-C E. AMELIA ST
ORLANDO, FL 32803

A/C: N342ED

S/N: 0485

MODEL: SR-22T

TOTAL: 225.1

FLT: 194.1

WO# MXO-13-0502

09/24/2013

ENGINE:

C/W CIRRUSS SCHEDULED MAINTENANCE 100 HOUR ENG AND 200 HOUR AF.

DRAINED ENGINE OIL. COLLECTED OIL SAMPLE. SENT TO BLACKSTONE.

REPLENISHED ENGINE WITH 8 QTS OF PHILLIPS 66 XC 20W-50 OIL.

REMOVED OIL FILTER, INSPECTED ELEMENT, NO DEFECTS NOTED.

INSTALLED NEW OIL FILTER CH48108-1.

SERVICED FUEL INJECTORS.

SERVICED SPARK PLUGS.

REPLACED OIL PRESSURE SENSOR P/N 12635-004.

REPLACED MAG SENSOR FOR TACHOMETER P/N 655862.

GROUND RAN ENGINE WITH NO LEAKS OR DEFECTS NOTED.

TraxAir TRAX AIR, LLC
3122-C E. AMELIA ST
ORLANDO, FL 32803

A/C: N342ED

S/N: 0485

MODEL: SR-22T

TOTAL: 274.1

FLT: 236.9

WO# MXO-13-0586

11/08/2013

ENGINE:

DRAINED OIL, REPLENISHED ENGINE WITH 8 QTS OF

PH 66 XC-20W-50 OIL.

REMOVED OIL FILTER, INSPECTED ELEMENT WITH NO DEFECTS NOTED.

INSTALLED AA48108-2 OIL FILTER.

GROUND RAN WITH NO DEFECTS NOTED.

TraxAir TRAX AIR, LLC
3122-C E. AMELIA ST
ORLANDO, FL 32803

A/C: N342ED

S/N: 0485

MODEL: SR-22T

TOTAL: 319.9

FLT: 278.5

WO# MXO-13-0629

12/05/2013

ENGINE:

DRAINED OIL, REPLENISHED ENGINE WITH 8 QTS OF

PH 66 XC-20W-50 OIL.

REMOVED OIL FILTER, INSPECTED ELEMENT WITH NO DEFECTS NOTED.

INSTALLED AA48108-2 OIL FILTER.

GROUND RAN WITH NO LEAKS OR DEFECTS NOTED AT THIS TIME.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
05/03/2013	TraxAir, LLC 3122-C E. AMELIA ST ORLANDO, FL 32803		A/C: N342ED S/N: 0485 MODEL: SR-22T		TOTAL: 31.2 HOBBS: 40.6 WO# MXO-13-0216
ENGINE: DRAINED MINERAL OIL. REPLENISHED ENGINE WITH 8 QTS OF AEROSHELL STRAIGHT W100 MINERAL OIL. PLEASE PERFORM ANOTHER OIL CHANGE IN 25 HOURS FLIGHT TIME. REMOVED OIL FILTER, INSPECTED ELEMENT, NO DEFECTS NOTED. INSTALLED OIL FILTER CH48108-1 AND SECURED. GROUND RAN ENGINE WITH NO LEAKS OR DEFECTS NOTED. ALL WORK PERFORMED IAW M.M.					
05/29/2013	TraxAir, LLC 3122-C E. AMELIA ST ORLANDO, FL 32803		A/C: N342ED S/N: 0485 MODEL: SR-22T		TOTAL: 67.6 FLT: 56.2
ENGINE: DRAINED ENGINE OIL. REPLENISHED ENGINE WITH 8 QTS OF PHILLIPS 66 XC 20W-50 OIL. REMOVED OIL FILTER, INSPECTED ELEMENT, NO DEFECTS NOTED. INSTALLED NEW OIL FILTER CH48108-1. GROUND RAN ENGINE WITH NO LEAKS OR DEFECTS NOTED.					
06/12/2013	TraxAir, LLC 3122-C E. AMELIA ST ORLANDO, FL 32803		A/C: N342ED S/N: 0485 MODEL: SR-22T		TOTAL: 110.8 FLT: 92.1
ENGINE: DRAINED ENGINE OIL. REPLENISHED ENGINE WITH 8 QTS OF PHILLIPS 66 XC 20W-50 OIL. REMOVED OIL FILTER, INSPECTED ELEMENT, NO DEFECTS NOTED. INSTALLED NEW OIL FILTER CH48108-1. GROUND RAN ENGINE WITH NO LEAKS OR DEFECTS NOTED.					
07/15/2013	TraxAir, LLC 3122-C E. AMELIA ST ORLANDO, FL 32803		A/C: N342ED S/N: 0485 MODEL: SR-22T		TOTAL: 122.5 FLT: 102.0 WO# MXO-13-0345
ENGINE: Completed 100 Hour Cirrus service/inspection IAW Cirrus MM Chapt. 05-20. Drained oil, inspected element, no defects noted. Installed new filter. Serviced engine with 8 quarts Phillips A/C 20-50. Cleaned, inspected, gapped spark plugs, no defects noted. Inspected induction filters, no defects noted. Inspected magneto timing, no defects noted. Completed turbo assembly inspection with no defects noted. Cleaned and inspected fuel injector nozzles with no defects noted.					
I certify this aircraft has been inspected IAW a 100 hr inspection and found to be in airworthy condition.					