

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				



Waco Regional Airport

Series VI TCM TSIO-520-NB S/N R-228259.R

Engine Previous Total: Unknown
 Since Remanufacture: 00.0
 Date: 3-12-98

Above referenced engine remanufactured to new parts limits to conform w/TCM SM X-30574A. All gears cleaned, polished when required, inspected, magnafluxed, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Criteria - RAM Repair Station Report No. 1818 Rev. B dated 11/25/96. Installed new RAM camshaft p/n 1058-3SL, s/n D96031 per STC SE4327SW, Rev. 4. Installed heavy style case p/n 642507 with new channel chrome cylinders. Cylinders modified to RAM p/n 1158-2 per STC SE3631SW. Crankcase modified to RAM p/n 1157-18 per STC SE3630SW. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. Engine accessories exchanged for remanufactured units with exception of tach generator, vacuum pump, hydraulic pump and prop governor which were not installed per this work order. New Slick pressurized magnetos p/n 6320 installed per STC SE4651SW and pressurized. SB94-8 on magneto timing procedure c/w per timing to STC degree requirements with TDC locator and protractor with pointer. AD 86-13-04 R3 N/A per cylinder p/n. Installed RAM/FAA/PMA rocker arms p/n 1158-4 and -5 (single-piece bushing). AD 98-01-08 c/w by installation of RAM/FAA/PMA rocker arms p/n 1158-4 and -5. Cadmium plating of engine hardware and associated lines and fittings per QQ-P-416C Class 2, Type II. AD 93-08-17 not applicable to TSIO-520-NB. C/W AD 78-06-01 per installation of intake tube p/n 642590. C/W AD 79-05-09 per installation of new current design oil pressure plunger assy. C/W AD 89-24-01 R1 per installation of starter adapter p/n 642085A11 with current scavenge pump gears. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Engine modified by installation of oil pick-up tube p/n 1707-28, RAM modified oil pump p/n 1825-4 and crankcase oil pump inlet/pick-up tube interface modified per RAM Dwg. No. 1891. Installed per STC SE09281SC. AD 76-02-07 n/a per installation of Teledyne Crittenden alternator. AD 97-26-17 c/w at engine overhaul per installation of new VAR crankshaft per TCM CSB96-8. Above referenced engine was made eligible for 1600 hr. TBO per TCM M91-08 Note 3. AD 88-03-06 is n/a per oil filter installed this date. AD 91-19-03 is n/a per code date of Champion oil filter p/n CH48109. All aluminum alloy engine parts were coated per RAM Specification No. 1142. Crankshaft assy., connecting rods, pistons, piston pins and turbocharger compressor wheel assy's. were balanced per RAM Specification No. 1161. See RAM Certificate. Installed spring loaded induction clamps p/n 1170-2 per STC SE3632SW. Installed RAM-FAA-PMA rocker box cover gaskets p/n 1387-1. Cylinders flowed per RAM Cylinder Flowing Specification No. 1242. AD 93-10-02 (MSB 93-12) N/A per non-assembled new cylinders purchased and channel chrome. Engine ground run on test stand per RAM specifications for 5 hours. Engine run-in with Phillips 20W-50 Type M mineral oil. Aeroshell ashless dispersant oil provided for installation. See RAM Recommended Oil Grade Maintenance Tip MT-1web for recommended oils. Do not use AV-1. Engine approved for return to service for installation and RAM Aircraft test flight procedures. Pertinent details on file under work order no. 3267/GG0026.

Stephen A. Jolo

RAM Aircraft Corporation, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

SUB-TOTALS this page

TOTALS—Carry forward to next page

Page No. _____

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TOTAL
TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIME

TOTALS brought forward from previous page

Beegles

Aircraft Service, Inc.

Quality Service
Since 1946GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

02-03-06

Hobbs 3738.4

N155RP

sn 340A1265

Reinstalled RH Continental engine TSIO-520-NCNB sn 228259-R after repairs from Ram Aircraft CRS# VA1R551K WO# 2406. Torqued and saftied mounts as required. Routed and reconnected all lines, hoses, electrical, and controls. Torqued and saftied as required. Installed overhauled vacuum pump Model # 442CW sn 40985 from Aero Accessories, Inc. FAA-PMA (PQ1206CE) WO# 50511. Installed overhauled tail pipe pn 9910299-2 from Aerospace Welding, Inc. CRS# UWDR792L WO# 90049. AD # 2000-01-16 complied with next inspection due @ 3788.2. Replaced tail pipe clamp pn 2274-50. Replaced CHT probes pn 2855 sn 6626 and pn 102-0000-7 sn 32358. Replaced hydraulic pump gasket pn 5154056-2. Serviced engine with Aeroshell 100W oil. Pre-oiled, test run, and checked for leaks. All systems, temperatures, RPM's, and pressures normal.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

LIMITED TO THE WORK PERFORMED

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.

Work Order # 10,291 CRS BX4R092M

Signed

Page No.

DATE

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1
Repair Station #NF2R029L

Type CESSNA

340A

ENGINE LOG #2

N # 155RP

TT 4116

S/N 340A1265

TSMOH 1154

REC. HR. METER 3774

ENGINE MODEL TS10-520-NB

ENGINE S/N

228259-R

RH ENGINE INSPECTION-

AT THIS TIME, AN ANNUAL INSPECTION WAS PERFORMED ON THIS ENGINE. COMPRESSION WAS TESTED AS FOLLOWS: #1-60, #2-60, #3-62, #4-72, #5-70, #6-72---ALL OVER 80. CHANGED THE OIL & FILTER. OPENED & INSPECTED THE FILTER. SERVICED THE ENGINE WITH 20W50XC PHILLIPS OIL. CLEANED, GAPPED, TESTED & ROTATED THE SPARK PLUGS. TESTED THE IGNITION LEADS. CHECKED MAG TIMING & MAG TO ENGINE TIMING. ULTRASONICALLY CLEANED THE FUEL INJECTORS AND REPLACED THE SEALS, INCLUDING UPPER DECK SEALS. INSPECTED THE ENGINE ACCESSORIES FOR PROPER CONDITION, ATTACHMENT & OPERATION. CHECKED THE INDUCTION, EXHAUST TURBO SYSTEMS FOR PROPER CONDITION. THESE ITEMS WERE REPAIRED, REPALCED OR CORRECTED:

I CERTIFY THAT THIS ~~Engine~~ WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O.# 15144. DATE OCTOBER 7, 2006
J.A. AIR CENTER, DUPAGE AIRPORT, WEST CHICAGO, IL 60185
FAA APPROVED REPAIR STATION #NF2R029L

BRUCE P. REBECHINI

INSPECTOR

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1

Repair Station #NF2R029L

ENGINE LOG #2

Type CESSNA

340A

TT 4119

N # 155RP

TSMOH 1157

S/N 340A1265

REC. HR. METER 3777

ENGINE MODEL TS10-520-NB

ENGINE S/N

228259-R

RH ENGINE SB06-2 APPLICABILITY CHECK-

INSPECTED CYLINDERS AS PER SB06-2 PARAGRAPH 4 AND DETERMINED ALL 6 CYLINDERS HAVE NO MARKINGS STAMPED ON PER PHOTOGRAPH #3. SB06-2 DOES NOT APPLY PER PARAGRAPH 3.

THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # 15596 DATE FEBRUARY 1, 2007

SIGNED: BRUCE P. REBECHINI

For

J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185

F.A.A. APPROVED REPAIR STATION #NF2R029L

Page No.

DATE

J A AIR CENTER DuPage Airport/West Chicago, IL 60185 P 1
 Repair Station #NF2R029L ENGINE LOG #2
 Type CESSNA 340A TT 4124
 N # 155RP TSMOH 1162
 S/N 340A1265 REC. HR. METER 3782

ENGINE MODEL TS10-520-NB

ENGINE S/N 228259-R

ECI SERVICE BULLETIN 06-2 DUE, RIGHT ENGINE:
 COMPLIED WITH ECI MANDATORY SERVICE BULLETIN SB06-2 BY
 INSPECTING THE CYLINDERS FOR APPLICABILITY. NO CYLINDERS
 APPLY DUE TO AN E STAMPED ON EACH CYLINDER.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 15623 DATE: FEBRUARY 9, 2007
 SIGNED: DONALD K. MORGAN *[Signature]*
 J.A. AIR CENTER, DUPAGE AIRPORT W. CHICAGO, IL 60185 For
 F.A.A. APPROVED REPAIR STATION #NF2R029L

Miller Airmotive, Inc.

Sandwich Airport (DS65) Rt. 34 west
 815-735-9232

Sandwich Illinois 60548

Date: November 15, 2007

N155RP

A.F.T.T.: 3784.9 hrs.

Right Engine Maintenance Log

Hobbs: 3784.9 hrs

Engine Time Since Major Overhaul: 1164.9 hours

Ser# 228259-R

This engine has been inspected and serviced in accordance with Chapter 2A of the Cessna 340 Series
 Service manual. Accomplished the inspection checklist for a 200 hour/ Annual inspection.

1. Cleaned, tested and rotated spark plugs.
2. Cleaned and inspected fuel injector nozzles. Reinstalled injector nozzles using new o-rings, TCM P/N AEC630979-9, and washers, TCM P/N AEC640612.
3. Cylinder inspection and compression test accomplished in accordance with TCM Service Bulletin M84-15 for the compression test and TCM Service Bulletin SB96-12 for inspection and continued airworthiness of cylinders. Cyl#1 74/80, Cyl#2 72/80, Cyl#3 76/80, Cyl#4 70/80, Cyl#5 73/80, Cyl#6 73/80. Cylinder leakage limited to dynamic leakage at rings, no static leakage noted at valves.
4. Changed oil and filter. Installed a new CH48108-1 filter and 12 quarts of Aeroshell 15W50 oil. Cut open old oil filter and inspected for contamination, filter checks good. Installed new crush gasket on oil drain plug, TCM P/N MS35769-11.
5. Removed left and right magnetos and delivered to RLB Accessory Service for 500 hour inspection. Reinstalled using new impulse cushions and new gaskets. Yellow tags attached to log.
6. Accomplished magneto to engine timing, installed a new crush gasket on timing plug, TCM P/N MS35769-11.
7. Pressure tested exhaust and induction systems. Both systems check good.
8. Removed both exhaust slip joints, cleaned and lubed with NeverSeize as per RAM Aircraft recommendation. Reassembled and reinstalled slip joints as per Cessna Service Manual.
9. Disconnected oil supply line from turbocharger and filled bearing cavity with Berryman's B-12 Chemtool and soaked for 24 hours as per RAM Aircraft recommendation. Flushed out bearing cavity with mineral spirits and Pre oiled. Reassembled oil supply line.
10. Inspected exhaust system in accordance with AD 2000-01-16. . Complied with par. (b) by visual inspection of the exhaust system, next inspection due at 3834.9 hrs. TT airframe or by December 17, 2007. Complied with par. (c) by removing and visually inspecting the tailpipe, next inspection due November 2008. Paragraph (d) due at 4247.0 hours Airframe TT. Complied with par. (e) by pressure test of the exhaust system, next pressure test due November 2008. Paragraph (f) is N/A, all clamps ore single piece "V" band clamps. Paragraph (g) is next due at engine overhaul.
11. Washed engine and accomplished engine run-up and leak check.

AD's checked through T-Data issue 2007-20. See AD listing for compliance status. I certify that this engine has been inspected in accordance with an **Annual** inspection and has been determined to be in airworthy condition.

Page No.

DATE

J A AIR CENTER DuPage Airport/West Chicago, IL 60185 P 1
 Repair Station #NF2R029L ENGINE LOG #2
 Type CESSNA 340A TT 4124
 N # 155RP TSMOH 1162
 S/N 340A1265 REC. HR. METER 3782

ENGINE MODEL TS10-520-NB

ENGINE S/N 228259-R

ECI SERVICE BULLETIN 06-2 DUE, RIGHT ENGINE:
 COMPLIED WITH ECI MANDATORY SERVICE BULLETIN SB06-2 BY
 INSPECTING THE CYLINDERS FOR APPLICABILITY. NO CYLINDERS
 APPLY DUE TO AN E STAMPED ON EACH CYLINDER.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 15623 DATE: FEBRUARY 9, 2007
 SIGNED: DONALD K. MORGAN *[Signature]*
 J.A. AIR CENTER, DUPAGE AIRPORT W. CHICAGO, IL 60185 For
 F.A.A. APPROVED REPAIR STATION #NF2R029L

Miller Airmotive, Inc.

Sandwich Airport (DS65) Rt. 34 west
 815-735-9232

Sandwich Illinois 60548

Date: November 15, 2007

N155RP

A.F.T.T.: 3784.9 hrs.

Right Engine Maintenance Log

Hobbs: 3784.9 hrs

Engine Time Since Major Overhaul: 1164.9 hours

Ser# 228259-R

This engine has been inspected and serviced in accordance with Chapter 2A of the Cessna 340 Series
 Service manual. Accomplished the inspection checklist for a 200 hour/ Annual inspection.

1. Cleaned, tested and rotated spark plugs.
2. Cleaned and inspected fuel injector nozzles. Reinstalled injector nozzles using new o-rings, TCM P/N AEC630979-9, and washers, TCM P/N AEC640612.
3. Cylinder inspection and compression test accomplished in accordance with TCM Service Bulletin M84-15 for the compression test and TCM Service Bulletin SB96-12 for inspection and continued airworthiness of cylinders. Cyl#1 74/80, Cyl#2 72/80, Cyl#3 76/80, Cyl#4 70/80, Cyl#5 73/80, Cyl#6 73/80. Cylinder leakage limited to dynamic leakage at rings, no static leakage noted at valves.
4. Changed oil and filter. Installed a new CH48108-1 filter and 12 quarts of Aeroshell 15W50 oil. Cut open old oil filter and inspected for contamination, filter checks good. Installed new crush gasket on oil drain plug, TCM P/N MS35769-11.
5. Removed left and right magnetos and delivered to RLB Accessory Service for 500 hour inspection. Reinstalled using new impulse cushions and new gaskets. Yellow tags attached to log.
6. Accomplished magneto to engine timing, installed a new crush gasket on timing plug, TCM P/N MS35769-11.
7. Pressure tested exhaust and induction systems. Both systems check good.
8. Removed both exhaust slip joints, cleaned and lubed with NeverSeize as per RAM Aircraft recommendation. Reassembled and reinstalled slip joints as per Cessna Service Manual.
9. Disconnected oil supply line from turbocharger and filled bearing cavity with Berryman's B-12 Chemtool and soaked for 24 hours as per RAM Aircraft recommendation. Flushed out bearing cavity with mineral spirits and Pre oiled. Reassembled oil supply line.
10. Inspected exhaust system in accordance with AD 2000-01-16. . Complied with par. (b) by visual inspection of the exhaust system, next inspection due at 3834.9 hrs. TT airframe or by December 17, 2007. Complied with par. (c) by removing and visually inspecting the tailpipe, next inspection due November 2008. Paragraph (d) due at 4247.0 hours Airframe TT. Complied with par. (e) by pressure test of the exhaust system, next pressure test due November 2008. Paragraph (f) is N/A, all clamps ore single piece "V" band clamps. Paragraph (g) is next due at engine overhaul.
11. Washed engine and accomplished engine run-up and leak check.

AD's checked through T-Data issue 2007-20. See AD listing for compliance status. I certify that this engine has been inspected in accordance with an **Annual** inspection and has been determined to be in airworthy condition.

Miller Airmotive, Inc.

Sandwich Airport (E665) Rt. 34 west
815-735-9232

Sandwich Illinois 60548

Date: January 10, 2009

N155RP

A.F.T.T.: 3868.1 hrs.

Right Engine Maintenance Log

Hobbs: 3868.1 hrs

Engine Time Since Major Overhaul: 1248.1 hours

Ser# 228259-R

This engine has been inspected and serviced in accordance with Chapter 2A of the Cessna 340 Series Service manual. Accomplished the inspection checklist for a 200 hour/ Annual inspection.

1. Accomplished pressure test of exhaust and induction systems.

2. Cylinder inspection and compression test accomplished in accordance with TCM Service Bulletin M84-15 for the compression test and TCM Service Bulletin SB96-12 for inspection and continued airworthiness of cylinders. Cyl#1 74/80, Cyl#2 75/80, Cyl#3 60/80, Cyl#4 76/80, Cyl#5 71/80, Cyl#6 76/80. Cylinder leakage limited to dynamic leakage at rings, no static leakage noted at valves. Accomplished a borescope inspection of all cylinders and throttle body/ intercooler ducts due to compressor vane failure of turbocharger. Found no damage, all cylinders and valves appear to be in airworthy condition.

3. Cleaned, tested and rotated spark plugs.

4. Cleaned and inspected fuel injector nozzles using an ultrasonic cleaner. Reinstalled injector nozzles using new o-rings, TCM P/N AEC630979-9, and washers, TCM P/N AEC640612. Installed new rubber seals at upper deck pressure connections.

5. Changed oil and filter. Installed a new CH48108-1 filter and 12 quarts of Aeroshell 15W50 oil. Cut open old oil filter and inspected for contamination, filter checks good. Installed new crush gasket on oil drain plug, TCM P/N MS35769-11.

6. During inspection of turbocharger, found .055" of end play in turbocharger compressor shaft, and also found compressor making contact with housing. After housing removal, found damaged and broken compressor vanes. Found and removed pieces of compressor vanes in inlet to intercooler. Removed turbocharger, Garrett Model # THO8A67, S/N AJO39594, and reinstalled a overhauled turbocharger from RAM Aircraft, P/N 2060-1-OH, S/N DHL45984, using new mounting hardware. Pre oiled turbocharger bearing cavity prior to engine run.

7. During turbocharger removal, both exhaust elbows and heat shields were removed as well as the WYE pipe assembly and wastegate assembly. Inspected and cleaned canted bulkhead area and applied Dupont VariPrime, self etching chromate primer. Inspected all clamps, which are of the one piece type. During reinstallation of exhaust assembly the elbow pipe supports needed to be shimmed in order to eliminate stress to elbows when installing support clamps and heat shields. Installed one new support clamp, RAM P/N 2266C062-262-M. All clamps and joints were lubed with Never-seez and torque all clamps to tagged specs.

8. Accomplished magneto to engine timing, installed a new crush gasket on timing plug, TCM P/N MS35769-11.

9. During pressure test of exhaust system, found outboard slip joint leaking excessively. Replaced outboard slip joint with a new slip joint from RAM Aircraft, P/N 1001-3 and a new hardware kit, RAM Aircraft P/N 1001-6.

10. Removed inboard exhaust slip joint, cleaned and lubed with Never-seez as per RAM Aircraft recommendation. Reassembled and reinstalled slip joint as per Cessna Service Manual using a new hardware kit, RAM P/N 1001-6.

11. Installed a new breather hose from air oil separator to overboard vent using 3/4 in. diameter double wall seat hose.

12. Opened air oil separator, removed and cleaned filter element using an ultrasonic cleaner. Flushed out inside of separator housing and scavenge line to oil pump. Reinstalled filter element using a new O-ring, AN6227B-27 in cover.

13. Inspected exhaust system in accordance with AD 2000-01-16. . Complied with par. (b) by visual inspection of the exhaust system, next inspection due at 3918 hrs. TT airframe or by February 10, 2009. Complied with par. (c) by removing and visually inspecting the tailpipe, next inspection due January 2010. Paragraph (d) due at 4247.0 hours Airframe TT. Complied with par. (e) by pressure test of the exhaust system, next pressure test due January 2010. Paragraph (f) is N/A, all clamps are single piece "V" band clamps. Paragraph (g) is next due at engine overhaul.

14. Washed engine and accomplished engine run-up and leak check.

AD's checked through T-Data issue 2008-22. See AD listing for compliance status. I certify that this engine has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition.

T. Benton Miller A&P 3304931 I.A.

TOTALS brought forward from previous page

June 09 3801 1270.1 3801

oil & filter change. Run up & leak check OK
Phillips x/c 20-50 12 qts oil
Champion CH 48108 Filter
Steve Carroll ATP 1705018ENGINE MODEL:
TSIO-520-NB
ENGINE S/N (R): 228259-R
REG. NO. N155RP
WORK ORDER: 18843Aerodyne Corporation
Repair Station No. HO1R-159K
5108 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898DATE: 7/15/2009
AC TSN: 3800
ENG TT (R): 1280
TSMOH (R): 1280
HOBBS: 3800

Right Engine Entries

(2) Complied with AD 2000-01-16 by visual inspection of the right engine exhaust system in accordance with paragraph (c). Next inspection for paragraph (b) due at 3800.0 TT. (4) Checked right engine fuel pressures in accordance with TCM SID 97-3E. Fuel pressures within manufacturer's specifications.

The aircraft, engine, propeller or component identified herein was inspected and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

DATE: 7/15/2009

SIGNED:

J.R. Smith

Certified Repair Station No. HO1R-159K

Work Order: 18843

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09 3925 130.5 3925

Oil & Filter change 11qts Shell 15-50
Champion 48108 - Run up & leak
check OK Steve Carroll ATP 1705018ENGINE MODEL:
TSIO-520-NB
ENGINE S/N (R): 228259-R
REG. NO. N155RP
WORK ORDER: 19079Aerodyne Corporation
Repair Station No. HO1R-159K
5108 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898DATE: 3/19/2010
AC TSN: 3909.9
ENG TT (R): 1319.9
TSMOH (R): 1319.9
HOBBS: 3909.9

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's instructions and recommendations. Compression check: #1-10/80, #2-74/80, #3-59/80, #4-65/80, #5-66/80, #6-73/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine. (22) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. (25) Installed new left engine upper deck pressure hose from throttle body to rail manifold. (26) Installed new right engine turbo to wastegate clamp. (28) Removed left engine #1 cylinder pin: 657445, s/n: ZD342-07 due to low compression 10/80 psig. Cleaned and inspected cylinder. Found cylinder cracked in exhaust port. Installed serviceable cylinder assembly pin: 654961A1, s/n: 18545-1. Cylinder installed with new gasket set, piston rings and piston pin. Cylinder repaired under Aerodyne Work Order No. 18845. (30) Installed new RHB32E spark plug in bottom position of #1 cylinder on right engine.

The aircraft, engine, propeller or component identified herein was inspected in accordance with a 100 Hour inspection, found to be in an airworthy condition and approved for return to service.

DATE: 3/19/2010

SIGNED:

J.R. Smith

Certified Repair Station No. HO1R-159K

Work Order: 19079

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TOTALS—Carry forward to next page

DATE	IN SERVICE	SERVICE OVERHAUL	TIME	PERSON PERFORMING WORK
TOTALS brought forward from previous page				
ENGINE MODEL: TSIO-520-NB ENGINE S/N (R): 228259-R REG. NO: N155RP WORK ORDER: 19299		Aerodyne Corporation Repair Station No. HQ1R-199K 5198 West Military Highway Chesapeake, VA 23321 USA Phone: (757) 488-2898		
DATE: 9/15/2010 A/C TSN: 39992 ENG TT (R): 13492 TSMOH (R): 13492 HOBS: 39992				
Right Engine Entries (1) Troubleshoot customer report that the "right engine #1 cylinder exhaust gas temperature indication was 400-500 degrees f, and the cylinder head temperature was inoperative. Engine also seemed to have a miss but cleaned up.".....Removed engine cowling and inspected CHT and EGT probes for #1 cylinder. Found CHT probe wire loose. Tightened connections. Checked resistive valve of EGT probe and found to be within manufacturer's specifications. Removed bottom spark plugs from all cylinders for inspection. No indication of oil or lead fouling. Burn pattern appeared to be normal. Removed rocker box cover on #1 cylinder and inspected valve springs. No broken springs. Reinstalled rocker box cover. Removed, inspected, cleaned and reinstalled #1 cylinder injector nozzle. Reinstalled spark plugs. Performed engine ground run and found all temperature indications on the right engine to be indicating correctly. No miss in engine detected. Magneto checks at various power settings were normal. Reinstalled engine cowling.				
The aircraft, engine, propeller or component identified hereon was required and inspected in accordance with Title 14 Code of Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.				
DATE: 9/15/2010		SIGNED: <i>J.R. Smith</i> J.R. Smith Certified Repair Station No. HQ1R-199K		
		Work Order: 19299 Printed by EBis 3 (datcomedia.com)		

110 1354 1354 3974.0 oil & Filter change. 11QTs Exxon 20-50
 Temp at 48108, Filter inspected. No con-
 tamination, Run up OK
 Glen Carwell ATP 1705018

ENGINE MODEL: TSIO-520-NB ENGINE S/N (R): 228259-R REG. NO: N155RP WORK ORDER: 19494		Aerodyne Corporation Repair Station No. HQ1R-199K 5198 West Military Highway Chesapeake, VA 23321 USA Phone: (757) 488-2898		
DATE: 5/4/2011 A/C TSN: 3998 ENG TT (R): 1378 TSMOH (R): 1378 HOBS: 3998				
Right Engine Entries (3) Completed right engine 100 hour inspection in accordance with the manufacturer's instructions and recommendations. Compression check: #1-73/80, #2-75/80, #3-75/80, #4-77/80, #5-76/80, #6-78/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine.....(18) Installed new right alternator fail sensor.....(34) Removed, cleaned, inspected and reinstalled left engine air filter.....(35) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination.....(36) Installed new right engine magneto pressure air filter.....(37) Installed new nut on Right engine #5 cylinder exhaust riser.....(38) Repositioned and secured right engine right outboard aft exhaust pipe shroud clamp.....(39) Installed new exhaust pipe shroud clamp hanger hardware. Secured clamp to shroud and hanger.				
1 of 1 The aircraft, engine, propeller or component identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.				
DATE: 5/4/2011		SIGNED: <i>J.R. Smith</i> J.R. Smith Certified Repair Station No. HQ1R-199K		
		Work Order: 19494 Printed by EBis 3 (datcomedia.com)		

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ENGINE MODEL:
TSIO-520-NB
ENGINE S/N (R): 228259-R
REG. NO. N155RP
WORK ORDER: 19921



Aerodyne Corporation
Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23021 USA
Phone: (757) 488-2898

DATE: 8/21/2012
A/C TSN: 4047.6
ENG TT (R): 1427.8
TSMOH (R): 1427.8
HOBBS: 4047.6

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's instructions and recommendations. Compression check: #1-70/80, #2-71/80, #3-74/80, #4-72/80, #5-70/80, #6-78/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine.....(26) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination.....(27) Cleaned and inspected right engine air filter. Replacement due at 4439.9 TAT per AD 84-26-02.....(28) Installed new rocker box cover gasket #1 cylinder right engine.

The aircraft, engine, propeller or component identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 8/21/2012
SIGNED: *J.R. Smith*
J.R. Smith
Certified Repair Station No. HO1R-199K

Work Order: 19921
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TSIO-520-NB
ENGINE S/N (R): 228259-R
REG. NO. N155RP
WORK ORDER: 20050



Aerodyne Corporation
Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23021 USA
Phone: (757) 488-2898

DATE: 1/10/2013
A/C TSN: 4060.6
ENG TT (R): 1460.6
TSMOH (R): 1460.6
HOBBS: 4060.6

Right Engine Entries

(3) Installed new right engine turbine inlet temperature probe. Operational check satisfactory.

The article identified hereon was inspected and repaired in accordance with current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

DATE: 1/10/2013
SIGNED: *J.R. Smith*
J.R. Smith
Certified Repair Station No. HO1R-199K

Work Order: 20050
Printed by EBis 3 (datcomedia.com)

AUTHORIZED RELEASE CERTIFICATE FORM ONE				
1. Part No.		3. Qty.	10. Serial/Batch No.	11. Status/Work
2871		1	9350	NEW

We were manufactured in conformity to
we are in a condition for safe operation.
certified in block 11.

TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
2013	1461.6	4081.6	Oil & Filter Change - Exxon Elite 2d60 11 qts, Tempest 48108 & Filter examined no contaminants, Run up OK, Glenn Carwell ATP 1705018

ENGINE MODEL:
TS10-520-H8
ENGINE SN (R): 228259-R
REG. NO: N155RP
WORK ORDER: 20295



Aerodyne Corporation

Repair Station No. HO1R-199K
5168 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 10/24/2013
A/C TSN: 4113.2
ENG TT (R): 1493.2
TSMOH (R): 1493.2
HOBBS: 4113.2

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's instructions and recommendations. Compression check: #1-74/80, #2-70/80, #3-70/80, #4-76/80, #5-72/80, #6-76/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine.....(20) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Champion CH48108-1 filter. Inspected removed filter. No contamination.....(21) Cleaned and inspected right engine air filter. Per AD 84-26-02 replacement due by 4439.9 TAT.

The aircraft, engine, propeller or component identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 10/24/2013

SIGNED:

J.R. Smith
Certified Repair Station No. HO1R-199K

Work Order: 20295

Printed by EBis 3 (datcomedia.com)

2014	1517	4137	Oil & Filter Change - Phillips x 11 qts. Tempest Filter AA48108 - Removed Champion Filter examined No contaminants Run up OK Glenn R. Carwell / Glenn Carwell ATP # 1705018
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ENGINE MODEL:
TSKO-520-NB
ENGINE SN (R): 228259-R
REG. NO. N155RP
WORK ORDER: 20650



Aerodyne Corporation

Repair Station No. HO1R-159K
5156 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2598

DATE: 11/20/2014
A/C TSN: 4155.9
ENG TT (R): 1545.9
TSMCH (R): 1545.9
HOURS: 4155.9

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's instructions and recommendations. Compression check: #1-74/80, #2-70/80, #3-74/80, #4-72/80, #5-76/80, #6-68/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine (14) Cleaned left and right engine turbo-charger bearing cavities with Berryman B-12 Chemtool Solvent in accordance with RAM Aircraft Save-A-Turbo with Berryman's B-12 Chemtool Recommended Instructions. After cleaning, pre-filled bearing cavity and associated lines with engine oil. Lubricated wastegates with liquid penetrant oil (20) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Champion CH48108-1 filter. Inspected removed filter. No contamination (21) Inspected right engine air filter element. Replacement due 4439.9 TAT per AD 84-25-020.1 (22) Installed five new right engine EGT probe wiring terminal insulators (23) Installed new right engine left and right magneto ignition harnesses p/n: M2779 (26) AD 2014-05-29 "Superior Air Parts Investment Cast Cylinder Assemblies" determined to be not applicable to the left or right engines. Superior cylinders not installed. Continental cylinders installed.

The aircraft, engine, propeller or component identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 11/20/2014

SIGNED:

J.R. Smith
Certified Repair Station No. HO1R-159K

Work Order: 20650

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MAKE: Cessna
MODEL: 340A
S/N: 340A-1265
REG. NO: N155RP
WORK ORDER: 20754



Aerodyne Corporation

Repair Station No. HO1R-159K
5156 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2598

DATE: 3/5/2015
A/C TSN: 4198.1
HOURS: 4198.1

Airframe Entries

(1) Installed new rocker cover gasket on cylinder # 1 on the right engine (2) Installed new right propeller deice harness (3) Complied with AD 2000-01-16 Detect & Correct Cracks & Corrosion in the Exhaust System on both engines (4) Installed 10 quarts Phillips 20W50 XC oil and AA48108-2 oil filter. Inspected filter for contamination, no defects noted (5) Installed 10 quarts Phillips 20W50 XC oil and AA48108-2 oil filter. Inspected filter for contamination, no defects noted.

The article identified hereon was inspected and repaired in accordance with current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

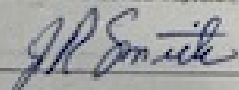
DATE: 3/5/2015

SIGNED:

J. H. Tarkington
Certified Repair Station No. HO1R-159K

Work Order: 20754

Printed by EBis 3 (datcomedia.com)

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
ENGINE MODEL: TSIO-520-AB ENGINE SN (R): 228259-R REG. NO: N155RP WORK ORDER: 21081				 Aerodyne Corporation Repair Station No. HQ18-199K 5195 West Military Highway Chesapeake, VA 23321 USA Phone: (757) 488-2868
DATE: 1/27/2016 AC TSN: 4235.6 ENG TT (R): 1505.9 TSMOH (R): 1505.9 HOBBS: 4235.6				
Right Engine Entries (3) Completed right engine 100 hour inspection in accordance with the manufacturer's instructions and recommendations. Compression check: #1-70/80, #2-66/80, #3-76/80, #4-76/80, #5-72/80, #6-70/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine. (7) Complied with AD 2009-01-16 "Detect and Correct Cracks in the Exhaust System" by inspection of the left and right engine exhaust systems in accordance with paragraphs (b), (c) and (e). Paragraph (c) due every 50 hours or 30 days whichever occurs later, paragraphs (c) and (e) due every 12 calendar months. (11) Cleaned left and right engine turbo-charger bearing cavities with Berryman's B12 Chemtool Solvent in accordance with RAM Aircraft Save-A-Turbo with Berryman's B12 Chemtool Recommended Instructions. After cleaning, preflited bearing cavity and associated lines with engine oil. Lubricated wastegates with liquid penetrant oil. (13) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory. (15) Visually inspected right engine paper filter and determined it be to in serviceable condition for continued service. Replacement due at 4439.9 TAT per AD 84-28-02. (20) Removed right engine fire bottle pin: 9910445-1, s/n: R363 and sent to Aerospace Turbine Rotables for hydrostatic test, recharge and squib replacement. Work accomplished under Aerospace Turbine Rotables Work Order No. W081924. Reinstalled fire bottle after repair. Hydrostatic test and squib replacement due again 12-2020. (21) Installed new right engine bottom spark plugs 1,2 & 4 cylinders. (25) Troubleshoot customer report that the right alternator light is slow to extinguish after alternator is on line. Alternator is charging. Found faulty connection on Aux terminal. Repaired wiring. Operational check satisfactory. The article identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.				
DATE: 1/27/2016		SIGNED: 		Work Order: 21081
		J.R. Smith Certified Repair Station No. HQ18-199K		Printed by EBis 3 (datcomedia.com)

-3-1ke

1635.9

Oil & filter change, Phillips
 X/can 20/50, Tempest 48108
 Squib R/Asured ATP 1705018
 Run up OK

ENGINE MODEL:
TSIO-520-AB
ENGINE SN (R): 228259-R
REG. NO: N155RP
WORK ORDER: 21368



Aerodyne Corporation
 Repair Station No. HQ18-199K
 5195 West Military Highway
 Chesapeake, VA 23321 USA
 Phone: (757) 488-2868

DATE: 9/8/2016
 AC TSN: 4264.2
 ENG TT (R): 1644.5
 TSMOH (R): 1644.5
 HOBBS: 4264.2

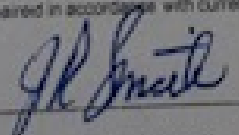
Right Engine Entries

(2) Troubleshoot customer report of high oil consumption on right engine. Performed engine compression check: #1-56/80, #2-66/80, #3-66/80, #4-66/80, #5-66/80, #6-70/80. Inspected engine for external oil leaks. No oil leaks noted. At customer's request cleaned and inspected engine breather, oil separator and associated hoses and lines. No defects noted. Removed #1 cylinder due to low compression with excessive blow by the rings. Inspected cylinder and found bore, valves and guides to be worn excessively. Installed serviceable cylinder assembly pin: AEC631367 SN 7 1.2, s/n: 22468-14, repaired by Aerodyne under Work Order No. 21368. Cylinder complete with new valves, guides, piston, piston pins, piston rings, seals and gaskets. Installed new exhaust and intake hydraulic lifters due to excessive wear on the faces. Performed engine ground run. Operational and leak check satisfactory.

The article identified hereon was inspected and repaired in accordance with current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

DATE: 9/8/2016

SIGNED:


 J.R. Smith
 Certified Repair Station No. HQ18-199K

Work Order: 21368

Printed by EBis 3 (datcomedia.com)

DATE	TIME IN SERVICE	TIME SINCE OVERHAUL	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
Aug. 17	1672.7	1672.8	4292.5	Oil & Filter Change. 11 qts Phillips 15C Tempest 48108 Filter, Inspected removed filter. No contaminations. Ops Check OK. Glenn R. Carwell ATP 1705018

ENGINE MODEL:
TS10-520-NB
ENGINE S/N (R): 228259-R
REG. NO: N155RP
WORK ORDER: 21536



Aerodyne Corporation

Repair Station No. HO1R-199K
5196 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 458-2898

DATE: 3/1/2017
A/C TSN: 4290.3
ENG TT (R): 1873.6
TSMOH (R): 1873.6
HOBBS: 4290.3

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1-78/80, #2-74/80, #3-75/80, #4-76/80, #5-74/80, #6-72/80. Checked ignition timing. Cleaned engine. (7) Complied with AD 84-28-02 "Paper Induction Filters" by installation of new left and right engine air induction filters. Replacement due every 500 hours. (8) Complied with AD 2000-01-16 "Detect and Correct Cracks in the Exhaust System" by inspection of the left and right engine exhaust systems in accordance with paragraphs (b), (c) and (e). Paragraph (b) due every 50 hours or 30 days whichever occurs later, paragraphs (c) and (e) due every 12 calendar months. Installed new right engine overboard tail pipe and support clamps. (12) Complied with AD 2016-16-12 ECI Class 71 or 76 Cylinder Assembly Failures by inspection of the left and right engine cylinders. AD does not apply by ECI cylinders installed. Cylinders are chrome bore and the Casting # AEC86385 does not appear on any of the installed cylinders. (17) Installed 9 new spark plugs URHB32E in right engine

The article identified herein was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 3/1/2017

SIGNED:

J.R. Smith

J.R. Smith
Certified Repair Station No. HO1R-199K

Work Order: 21536

Printed by EBis 3 (datacomedia.com)

ENGINE MODEL:
TS10-520-NB
ENGINE S/N (R): 228259-R
REG. NO: N155RP
WORK ORDER: 21690



Aerodyne Corporation

Repair Station No. HO1R-199K
5196 West Military Highway
Chesapeake, VA 23321 USA of 1
Phone: (757) 458-2898

DATE: 7/19/2017
A/C TSN: 4313.9
ENG TT (R): 1694.3
TSMOH (R): 1694.3
HOBBS: 4313.9

Right Engine Entries

(4) Changed right engine oil and filter. Installed 7 quarts of Phillips 20W-50 oil and Tempest AA48110-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory. Installed SAF-AIR F62 engine oil sump quick drain valve at customer's request.

The article identified herein was inspected and repaired in accordance with current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

DATE: 7/19/2017

SIGNED:

J.R. Smith

J.R. Smith
Certified Repair Station No. HO1R-199K

Work Order: 21690

Printed by EBis 3 (datacomedia.com)

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
ENGINE MODEL: TSIO-520-NB ENGINE S/N (R): 228018-R REG. NO: N155RP WORK ORDER: 21983  Aerodyne Corporation Repair Station No. HO1R-199K 5198 West Military Highway Chesapeake, VA 23321 USA Phone: (757) 488-2898 DATE: 4/26/2018 A/C TSN: 4361 ENG TT (R): 1741.3 TSMOH (R): 1741.3 HOBBS: 4361				
Right Engine Entries (3) Completed right engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1- /80, #2- /80, #3- /80, #4- /80, #5- /80, #6- /80. Checked ignition timing. Cleaned engine. (25) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory. (26) Inspected right engine air filter and found to be satisfactory for continued service. New filter installed 3-1-2017 at 4293.3 TAT. Replacement due by 4793.3 or sooner upon condition. (27) Installed new customer supplied exhaust gas temperature probe pin: 2870 in #1 cylinder exhaust riser, right engine. The article identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service. DATE: 4/26/2018 SIGNED: <i>J.R. Smith</i> Work Order: 21983 J.R. Smith Certified Repair Station No. HO1R-199K Printed by EBis 3 (datcomedia.com)				

Ode. 187
 1501.3 1801.3 4406.5 Change Oil & Filters - Phillips 20W-50
 10 qts, Tempest 8108-2 Filters
 Filters inspected. No contaminants
 Ops check OK
 J.R. Smith ATP # 1705018

ENGINE MODEL: TSIO-520-NB ENGINE S/N (R): 228059-R REG. NO: N155RP WORK ORDER: 22342	 Aerodyne Corporation Repair Station No. HO1R-199K 5198 West Military Highway Chesapeake, VA 23321 USA Phone: (757) 488-2898	DATE: 5/15/2019 A/C TSN: 4409 ENG TT (R): 1789.3 TSMOH (R): 1789.3 HOBBS: 4409
Right Engine Entries (3) Completed right engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1-76/80, #2-68/80, #3-65/80, #4-69/80, #5-68/80, #6-76/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine. (19) Changed left engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory. (20) Inspected right engine air induction filter and found to be satisfactory for continued service. (21) Cleaned right engine #3 cylinder fuel injector line and fittings. Reinstalled with new seals. (24) Removed, disassembled and inspected right engine magnetos Slick 6320, s/n: 9608006 (L) and Slick 6320, s/n: 02100597 (R). Magnetos found to be beyond economical repair. Installed overhauled left magneto Slick 6320, s/n: H-01380 and overhauled right magneto Slick 6320, s/n: H-01107. Magnetos overhauled by Kelly Aerospace under Work Orders KES1901-105 & KES1901-398. Repaired left magneto P-lead. Operational check satisfactory. (25) Installed new right engine right side exhaust stack manifold with new gaskets. Drilled new holes for EGT probes and reinstalled probes. (26) Installed new customer supplied right engine #5 cylinder EGT probe pin: 2870. (27) Removed right engine alternator pin: 649304, s/n: A609036. Installed new Hartzell Technologies alternator pin: ALV-9610, s/n: H-T012148. Installed new alternator out sensor pin: 9910094-4. Operational check satisfactory. The article identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service. DATE: 5/15/2019 SIGNED: <i>J.R. Smith</i> Work Order: 22342 J.R. Smith Certified Repair Station No. HO1R-199K Printed by EBis 3 (datcomedia.com)		

TOTALS brought forward from previous page

ENGINE MODEL:
TS10-520-NB
ENGINE S/N (R): 226259-R
REG. NO: N155RP
WORK ORDER: 22555

Aerodyne Corporation
Repair Station No. HQ1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 11/21/2019
A/C TSN: 4420 6
ENG TT (R): 1800 9
TSMOH (R): 1800 9
HOBBS: 4420

Right Engine Entries

(2) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory. (3) Completed right engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1-75/80, #2-60/80, #3-75/80, #4-60/80, #5-70/80, #6-70/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine. (18) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory.

The article identified herein was inspected and repaired in accordance with current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

DATE: 11/21/2019

SIGNED:

Denise Eaton
Certified Repair Station No. HQ1R-199K

Work Order: 22555
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TS10-520-NB
ENGINE S/N (R): 226259-R
REG. NO: N155RP
WORK ORDER: 22500



Aerodyne Corporation
Repair Station No. HQ1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 10/20/2019
A/C TSN: 4420 6
ENG TT (R): 1800 9
TSMOH (R): 1800 9
HOBBS: 4420 6

Right Engine Entries

(1) Installed new customer supplied CHT probe, p/n: 2852 in Right engine #6 cylinder.

The article identified herein was inspected and repaired in accordance with current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

DATE: 10/20/2019

SIGNED:

Denise Eaton
Certified Repair Station No. HQ1R-199K

Work Order: 22500
Printed by EBis 3 (datcomedia.com)

Feb 20

Changed right engine oil & filter
Phillips X.C 20-50 Tempest Filter 48108
10 qts. Removed Filter inspected. No
contaminants. Operation check OK
J. R. Smith ATP 1705018

ENGINE MODEL:
TS10-520-NB
ENGINE S/N (R): 226259-R
REG. NO: N155RP
WORK ORDER: 22761

Aerodyne Corporation
Repair Station No. HQ1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 7/27/2020
A/C TSN: 4479
ENG TT (R): 1855 3
TSMOH (R): 1855 3
HOBBS: 4479

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1-75/80, #2-60/80, #3-75/80, #4-60/80, #5-70/80, #6-70/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine. (18) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory.

The article identified herein was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 7/27/2020

SIGNED:

J.R. Smith
Certified Repair Station No. HQ1R-199K

Work Order: 22761
Printed by EBis 3 (datcomedia.com)

DATE	SERVICE	OVERHAUL	METER TIME	SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
10 Dec 20			4521	TOTALS brought forward from previous page
				Changed right engine oil & filter - 11 qts Phillips 1C 20-50
				Tempest 4008 Filter. Used
				Filter inspected - no contaminants
				Operational & leak check satisfactory
				Robert Carwell ATP 1705013

ENGINE MODEL:
TSIO-520-NB
ENGINE S/N (R): 228259-R
REG. NO: N155RP
WORK ORDER: 23164

Aerodyne Corporation
Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 9/1/2021
A/C TSN: 4550.1
ENG TT (R): 1930.4
TSMOH (R): 1930.4
HOBBS: 4550.1

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1-76/80, #2-70/80, #3-56/80, #4-56/80, #5-74/80, #6- 73/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine.....(19) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48108-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory.....(21) Installed new right engine air induction filter assembly P12-8156. Next filter change due Aug 2024 or 5050.0 Hobbs.

The article identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 9/1/2021

SIGNED:

Denise Eaton
Certified Repair Station No. HO1R-199K

Work Order: 23164

Printed by EBis 3 (datamedia.com)

MAKE: Cessna
MODEL: 340A
S/N: 340A-1265
REG. NO: N155RP
WORK ORDER: 23398



Aerodyne Corporation
Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 4/27/2022
A/C TSN: 4568.9
HOBBS: 4568.9

Airframe Entries

(1) Troubleshoot customer report of inoperative right alternator. Found alternator faulty internally. Removed alternator p/n: ALV-9610, s/n: H-T012148. Installed new alternator ALV-9610, s/n: H-W033170. Operational check satisfactory.

The article identified hereon was inspected and repaired in accordance with current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

DATE: 4/27/2022

SIGNED:

J.R. Smith
Certified Repair Station No. HO1R-199K

Work Order: 23398

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SUB-TOTALS this page