

ENGINE LOG



NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

TIO-540-AE2A

L-13589-61A

MODEL _____

SERIAL NO. _____

DATE _____

12/13/10

Charles Hess

(AUTHORIZED REPRESENTATIVE)

LYCOMING

A Textron Company

LYCOMING ENGINES

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

ENGINE LOG

PIPER AIRCRAFT, INC.

**General Offices at
Vero Beach, Florida
U.S.A.**

Part No. 230716

OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		N200JN	JAN 28 2011
2			
3			
4			
5			
6			

If this book is found, please return it to the owner.

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

**THIS ENGINE SERVICED WITH
EXXON ELITE 20W50
OIL AT THE PIPER FACTORY**

ENGINE DESCRIPTION

Manufacturer: LYCOMING, WILLIAMSPORT, PA Serial No. L-13589-61A

Horsepower: 350

Model: TIO-540-AE 2A FAA T. C. No. E14EA

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

N200JN



INTERNATIONAL AIRPORT
P.O. BOX 38128 DES MOINES, IA 50315-0302
Telephone (515) 256-6300 FAX (515) 256-6637

HOBBS / TACH	25.0	DATE: 03/14/2011
PA46-350P	4636491	TOTAL
TIO-540-AE2A	L-13589-61A	TIME
HC-13YIR-1N	NM67B	

25.0
25.0
25.0

1. Drained oil, reserved oil sample and removed oil filter.
Cut filter, inspected no abnormalities noted.
Filled with 12 qts. of Aeroshell 15W 50 oil.
Test ran No leaks noted

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No 17815.

Signed 03/14/2011

David M. Hintz

David M. Hintz

Des Moines Flying Service, Inc.,

FAA QRS G9CR485J



al To
rry Forward

N200JN
06/22/2011
HOBBS
84.6



MODEL
PA46-350P
TIO-540-AE2A
HC-13YR-1N

SERIAL
4636491
L-13589-61A
NM67B

TOTAL
84.6
84.6
84.6

Maintenance

Complied with the 1st 50 Hour Warrantable Inspection per Piper PA 46R-350T Airplane Inspection check list Piper PN 765-040 dated March 06, 2006

1. Drained oil and took a sample. Removed, inspected and installed a new CH48103-1 oil filter. Removed inspected and cleaned the suction oil screen. No defects noted. Added 11 quarts Aeroshell 15W50.
2. Complied with AD 2008-14-07 Amendment 39-15602 dated 08/14/2008 per paragraph (k) Inspected the fuel injector fuel lines and clamps between the fuel manifold and the fuel injector nozzles, fuel injector fuel lines and clamps meet all conditions specified in Lycoming Engines MSB No. 342E, dated May 18, 2004.

I certify that this **Engine** has been inspected in accordance with an **50 Hour Inspection** and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **17888, 17889.**

Date Signed 06/22/2011:


Todd Theulen



Des Moines Flying Service, Inc., FAA CRS G9CR485J



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 - DES MOINES, IOWA 50315-0302
TELEPHONE (515) 256-5300 - FAX (515) 256-5537
dmfs.com

08/26/2011

N200JN

PIPER PA46-350P

SN 4636491

HOBBS: 121.7

Changed oil and filter, added 12 Quarts Aeroshell 15W50WT. Took oil sample.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No 179.

Date Signed 08/26/2011:


Paul Cawthorn

4

Des Moines Flying Service, Inc., FAA CRS G9CR485J

Certificate No.

N200JN
11/02/2011
HOBBS
133.4



MODEL	SERIAL	TOTAL	SMOH
PA46-350P	4636491	133.4	
TIO-540-AE2A	L-13589-61A	133.4	
HC-13YR-1N	NM67B	133.4	

1. Drained oil, cut open the oil filter and found no defects. Installed a new CH48103-1 oil filter and added 11 quarts of Aeroshell 15w50.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No 17986.

Signed 10/02/2011

Todd J Theulen

Des Moines Flying Service, Inc.,

FAA CRS G9CR485J



N200JN
12/05/2011
HOBBS
178.6



MODEL	SERIAL
PA46-350P	4636491
TIO-540-AE2A	L-13589-61A

TOTAL
178.6
178.6

Certificate No.

Serviced engine with 11 quarts of 15W50 Aeroshell, Replaced oil filter with new. Inspected old filter element for contamination, No contamination found. Oil sample was taken.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No 18012.

Date Signed 12/05/2011:

James D. Swanson

Des Moines Flying Service, Inc., FAA CRS G9CR485J



ENGINE LOG

	Engine Time	Recorder	Maintenance
ENGINE MODEL TIO-540-AE2A ENGINE S/N L-13589-61A REG NO N200jn WORK ORDER: 23084	Million Air - Salt Lake City Repair Station No. K5SR339N 303 N 2370 W Salt Lake City, Utah 84116 Phone: 801 359-2085		DATE: 1/27/2012 A/C TSN: 196.6 ENG TT: 196.6 HOBBS: 196.6

Engine Entries

ENGINE HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D USING THE PIPER PA46-350P INSPECTION CHECKLIST 05-20-00 DATED SEPT 15, 2009 AS A REFERENCE, AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. *****ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: #1 78/80 #2 77/80 #3 78/80 #4 77/80 #5 78/80 AND # 6 79/80. CHECKED SATISFACTORY. *****ENGINE OIL DRAINED HOT. OIL FILTER REMOVED AND INSPECTED FOR CONTAMINANTS. NONE FOUND. NEW OIL FILTER P/N CH48103-1 INSTALLED AND SAFETIED. OIL SUMP SCREEN REMOVED AND INSPECTED FOR CONTAMINATES. NONE FOUND. OIL SUMP SCREEN REINSTALLED WITH A NEW GASKET P/N MS35769-21 AND SAFETIED. ENGINE SERVICED WITH 12 QTS OF AEROSHELL 15W50. RAN AIRCRAFT. LEAK CHECK SATISFACTORY. *****LYCOMING SERVICE BULLETIN SB # 521 FOR INSPECTION OF EXHAUST SYSTEM SLIP JOINTS FOR PROPER ENGAGEMENT AND INSPECTION OF MARMON FLANGE JOINT AT TRANSITION INLET C/W. NO DEFECTS NOTED. NEXT INSPECTION DUE AT HOBBS 446.6 OR NEXT ANNUAL WHICHEVER OCCURS FIRST. *****LYCOMING SERVICE BULLETIN SB# 531C FOR INSPECTION OF TURBOCHARGER TAIL PIPES. NO DEFECTS NOTED. NEXT INSPECTION DUE AT HOBBS 296.6. *****V-BAND COUPLINGS 100 HOUR INSPECTION C/W PER PA46-350P MM CHAPTER 81-20-00. NO DEFECTS NOTED. *****FUEL INJECTOR NOZZLES 100 HOUR INSPECTION FOR SECURITY C/W. NO DEFECTS NOTED. *****PIPER VSP-116B FOR LYCOMING SERVICE INSTRUCTION # 4192D FOR PISTON PIN PLUG WEAR C/W. NO DEFECTS NOTED. NEXT INSPECTION DUE AT HOBBS: 246.3. *****AD 2011-14-07 TO PREVENT FAILURE OF FUEL INJECTION LINES C/W BY VISUAL INSPECTION PER MSB 342F. CHECKED SATISFACTORY. NEXT INSPECTION DUE AT TACH 296.6 OR ANYTIME FUEL INJECTION LINE MAINTENANCE IS PERFORMED. EFFECTIVE DATE 08/14/08.

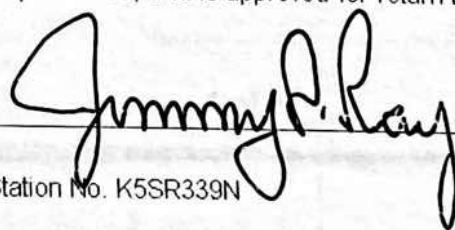
I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 23084

DATE: 1/27/2012

SIGNED:

jray

Certified Repair Station No. K5SR339N



Work Order: 23084

Printed by EBis 3 (datcomedia.com)

and Remarks	Signature	Certificate No.

N200JN
03/19/2012
HOBBS
220.6



MODEL
PA46-350P
TIO-540-AE2A
HC-13YR-1N

SERIAL
4636491
L-13589-61A
NM67B

TOTAL
220.6
220.6
220.6

1. Drained oil, cut open the oil filter and found no defects. Installed a new CH48103-1 oil filter and added 11 quarts of Aeroshell 15w50.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current regulations of the Federal Aviation Agency and is approve for return to service. Pertinent details of the repair are on file at this agency under Work Order No 18110.

Signed 03/19/2012

Todd J Theulen

Todd J Theulen



Des Moines Flying Service, Inc.,

FAA CRS G9CR485J

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

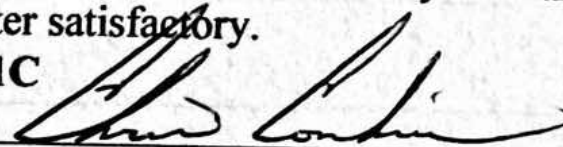
Lumanair, Inc.

Aurora Municipal Airport

Sugar Grove, IL.

Serviced engine with 12qts Aeroshell 15W-50. Replaced oil filter with new P/N CH48103-1, cut open and inspected old filter, no defects noted. Removed starter and installed new Sky-tec starter P/N 149-NL/ec, S/N FNE-341105. Operational check of starter satisfactory.

Lumanair, Inc. FAA Certified Repair Station # CGFR811C



Date: 6/25/2012 WO # LUM6946

Tach/Hobbs: 257.2

ILLINOIS AVIATION ACADEMY, INC.

N200JN TACH: 290.6 09/12/2012

Drained oil and serviced with 11qts. Phillips 20W50 oil. Removed and replaced champion oil filter P/N CH48103-1. Inspected used filter element for abnormalities, none found. As per recurring Lycoming Engine AD 2011-26-04 pertaining to TIO-540-AE2A S/N L-13589-61A: Inspected fuel injection lines and mounting clamps for proper mounting, chafing, damage, abrasion and leaks, no defects found. I find this engine to be in compliance with above AD IAW Lycoming SM and Lycoming Service Bulletin MSB No. 342F 6/04/10

END

Dan Paczynski A&P 2716623



Lumanair, Inc. Aurora Municipal Airport Sugar Grove, IL.

Aurora Municipal Airport

Sugar Grove, IL.

Oil leak: Found the oil temperature probe leaking at its base. Replaced the crush gasket. Washed engine and ran, no leak found.

Lumanair, Inc. FAA Certified Repair Station # CGER811C

Date: 9/25/12

WO # LUM7057

Tach/Hobbs: 299.9

[illegible]

ENGINE LOG

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 10/29/12

Engine LOG

Hobbs: 308.4

Model: TIO-540-AE2A

ENG TT: 308.4

SN: L-13589-61A

N200JN

Aircraft SN: 4636491

Accomplished an Annual Engine Inspection IAW FAR 43, appendix "D" using the Piper PA46-350P 100 hour Inspection report as a guide. Engine compressions-1-78/80, 2-78/80, 3-77/80, 4-79/80, 5-78/80, 6-78/80. Accomplished an oil and filter change. Inspected filter removed. Serviced with 12 QTS A/S 15W50 oil and one CH48103 filter. Accomplished AD84-26-02 by inspecting the induction air filter. Accomplished AD 2011-06-10 TIT probe/cal by replacing the TIT probe, installed P/N 686-216 per per PA46-350P MM 77-20-00. C/W Lycoming SB521 by inspecting slip joint engagement and lubed crossover slip joints. C/W Piper SB1012 IAW Lycoming SB531 by inspection of the turbocharger outlet for deposits. AD 2003-14-03 does not apply due to manufacturer. C/W Lycoming AD 2011-26-04 by inspection of fuel injector lines. Replaced engine driven fuel pump, installed new P/N 62E23186 S/N H-PHN028FF per Lycoming Standard Practices Manual SSP1776 Part 1 Section 5. Replaced left exhaust crossover tube heat shield clamps, installed P/N LW15592-8E24 per Lycoming Standard Practices Manual SSP-1776 Part 1 Section V. Repositioned induction tube coupler from left intercooler tube to the overpressure relief valve per Lycoming Standard Practices Manual SSP-1776-A Part 1 Section V. **AD 2010-13-07 has been PCW.**

MAINTENANCE RELEASE: This 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. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO 29577. AD's Researched THRU Rev. 2012.21.

Signature



CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 11/05/13

Hobbs: 401.7

Eng. TT: 401.7

Engine Log

Model: TIO-540-AE2A

S/N: L-13589-61A

N200JN

Aircraft S/N: 4636491

Performed an annual inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P Inspection Report as a guide. Compressions: (1) 78/80 (2) 79/80 (3) 80/80 (4) 78/80 (5) 80/80 (6) 80/80. Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 11 quarts A/SI 15W50 and (1) CH48110-1 filter. C/W AD 84-26-02 by inspecting induction air filters. Accomplished AD 2011-06-10 by inspecting the TIT probe per PA46-350P MM 77-20-00 Page 1 Para C. C/W AD2011-26-04 inspection of fuel injector lines. Accomplished Lycoming SB531 inspection of the exhaust slip joint for proper engagement and inspect marmon flange. AD 2003-14-03 lear/romec fuel pump N/A due to Hartzell pump installed. AD 2011-0.-03 IAW Piper VSP207 turbocharger center rotating assembly contamination N/A due to over 50 hours TIS. Accomplished AD 2010-13-07C inspection of "V" band clamp inspection. Performed rigging and adjustment of propeller per Piper PA46-350P MM 61-20-00. Removed and replaced valve cover gaskets with silicone gaskets, installed P/N 08-05882. **Performed 400 hour rocker/valve inspection per Piper PA46-350P MM 5-31-00.** Replaced left mag gasket, installed P/N 649954 and retimed mag to 20 degrees BTDC #1 cylinder. Replaced left wastegate to tailpipe gasket, installed P/N 75845.

MAINTENANCE RELEASE: This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001252. AD's researched through Rev. 2013.21

Signature



CRS # ECWR470D

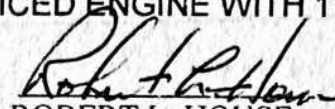
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 3/26/14 WO: 12721 HOBBS: 427.9

ENGINE LOG

DRAINED OIL. REMOVED AND INSPECTED OIL FILTER. NO CONTAMINANTS FOUND. INSTALLED NEW CH48103-1 OIL FILTER AND SERVICED ENGINE WITH 11 QTS. OF 15W50 AEROSHELL OIL. ENGINE RUN UP AND LEAK CHECKED GOOD.


ROBERT L. HOUSE FOR NAPLES AIR CENTER CRS X04R655M.

SUN AVIATION, INC., Vero Beach, FI (VRB)

Date: 06/24/14

Engine Log

N263SP

Hobbs: 457.5

Model: TIO-540-AE2A

Aircraft S/N: 4636491

Eng. TT: 457.5

S/N: L-13589-61A

Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 12 quarts A/S 15W50 and (1) CH48110-1 filter.

MAINTENANCE RELEASE: This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001669

Signature 

CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 12/20/13

Hobbs: 406.8

Eng. TT: 406.8

Adjusted manifold pressure to 41.5 at full power per Piper SM 77-10-00.

Engine Log

Model: TIO-540-AE2A

S/N: L-13589-61A

N263SP

Aircraft S/N: 4636491

MAINTENANCE RELEASE: This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001408

Signature 

CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

NAPLES AIR CENTER, INC.

CRS X04R655M

230 AVIATION DRIVE SOUTH

NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 10/30/14 WO: 12870 HOBBS: 479.5 TTSN: 479.5

ENGINE LOG

THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION PER FAR 43 APPENDIX D, USING THE MANUFACTURER'S CHECKLIST AS A GUIDE, AND WAS FOUND TO BE IN AN AIR WORTHY CONDITION. ADS WERE CHECKED FOR COMPLIANCE THROUGH ISSUE 2014-20. DRAINED OIL AND INSPECTED OIL SCREEN. REMOVED AND INSPECTED OIL FILTER. NO CONTAMINANTS FOUND. INSTALLED NEW CH48103-1 OIL FILTER AND SERVICED ENGINE WITH 12 QTS. OF 15W50 AEROSHELL OIL. PERFORMED COMPRESSION CHECK AS FOLLOWS: #1= 77/80 #2= 76/80 #3= 76/80 #4= 77/80 #5= 75/80 #6= 76/80. LEFT AND RIGHT MAGNETO TIMING CHECKED GOOD @ 20 DBTDC PER ENGINE DATA PLATE. CHECKED GAP, TESTED AND INSTALLED 12 EA. NEW URHB36S SPARK PLUGS. COMPLIED WITH AD 2011-26-04 BY INSPECTION OF FUEL INJECTION LINES AND CLAMPS. NO DEFECTS NOTED. ENGINE RUN UP AND LEAK CHECKED GOOD. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 12870.


ROBERT L. HOUSE

FOR NAPLES AIR CENTER CRS X04R655M.

CRS X01R655M

NAPLES, FLORIDA 34104

ENGINE LOG

Robert L. H.

~~FCR NAPLES AIR CENTER CRS X04R655M~~

ROBERT L. HOUSE

CRS X04R655M

NAPLES, FLORIDA 34104

ENGINE LOG

Pressure checked
Robert Hall

FOR NAPLES AIR CENTER CRS X04R655M.

ROBERT L. HOUSE

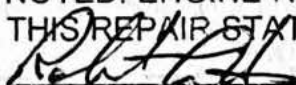
A hand-drawn graph on a grid. The curve starts at a point on the y-axis, labeled 'a', and increases with a decreasing slope, approaching the x-axis asymptotically. The curve is labeled 'a' at its starting point.

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N 263SP DATE: 12/3/15 WO: 13139 HOBBS: 555.2 TTSN: 555.2

ENGINE LOG

THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION PER FAR 43 APPENDIX D, USING THE MANUFACTURER'S CHECKLIST AS A GUIDE, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. ADS WERE CHECKED FOR COMPLIANCE THROUGH ISSUE 2015-22. DRIANED OIL AND INSPECTED OIL SCREEN. REMOVED AND INSPECTED OIL FILTER. NO CONTAMINANTS FOUND. INSTALLED NEW CH48103-1 OIL FILTER AND SERVICED ENGINE WITH 11 QTS. OF 15W50 AEROSHELL OIL. PERFORMED COMPRESSION CHECK AS FOLLOWS: #1= 77/80 #2= 77/80 #3= 76/80 #4= 77/80 #5= 77/80 #6= 76/80. LEFT AND RIGHT MAGNETO TIMING CHECKED GOOD @ 20 DBTDC PER ENGINE DATA PLATE. REMOVED, CLEANED, INSPECTED, GAPPED, TESTED AND REINSTALLED SPARK PLUGS. COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTION LINES AND CLAMPS. NO DEFECTS NOTED. COMPLIED WITH AD 84-26-02 BY INSPECTION OF INDUCTION AIR FILTER ELEMENT. NO DEFECTS NOTED. ENGINE RUN UP AND LEAK CHECKED GOOD. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 13139.


ROBERT L. HOUSE

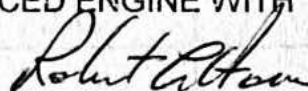
FOR NAPLES AIR CENTER CRS X04R655M.

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 4/11/16 WO: 13252 HOBBS: 588.3 TTSN: 588.3

ENGINE LOG

DRAINED OIL. REMOVED AND INSPECTED OIL FILTER. NO CONTAMINANTS FOUND. INSTALLED NEW CH48103-1 OIL FILTER AND SERVICED ENGINE WITH 11 QTS. OF 15W50 AEROSHELL OIL. ENGINE RUN UP AND LEAK CHECKED GOOD.


ROBERT L. HOUSE

FOR NAPLES AIR CENTER CRS X04R655M.

Total To Carry Forward				

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 12/07/16

Hobbs: 619.9

Eng. TT: 619.9

Engine Log

Model: TIO-540-AE2A

S/N: L-13589-61A

N263SP

Aircraft S/N: 4636491

Performed an annual inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P Inspection Report as a guide. Compressions: (1) 74/80 (2) 74/80 (3) 76/80 (4) 76/80 (5) 76/80 (6) 78/80. Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 11 quarts A/S 15W50 and (1) CH48110-1 filter. C/W AD 84-26-02 by replacing induction air filters, installed P/N P15-1936. Accomplished AD 2011-06-10 by inspecting the TIT probe per PA46-350P MM 77-20-00 Page 1 Para C. C/W AD2015-19-07 inspection of fuel injector lines. Accomplished Lycoming SB531 inspection of the exhaust slip joint for proper engagement and inspect marmon flange. Accomplished Lycoming SB521 inspection of exhaust slip joints for proper engagement and inspect marmon flange joint at transition inlet. AD 2003-14-03 lear/romec fuel pump N/A due to Hartzell pump installed. AD 2011-13-03 IAW Piper VSP207 turbocharger center rotating assembly contamination N/A due to over 50 hours TIS. AD 2003-14-03 lear/romec fuel pump inspection N/A. AD 2010-13-07C inspection of "V" band clamp inspection PCW. Tightened all cylinder oil return line hose clamps. Replaced oil filter adapter plate gasket, installed P/N 06B21644 per Piper PA46-350P MM 70-00-00 and Lycoming Overhaul manual 60294-7. Safetied exhaust "V" band clamps per Piper PA46-350P MM 81-20-00. Adjusted and safetied throttle and control linkage per Piper PA46-350P MM 76-10-00. Adjusted and safetied alternate air door linkage per Piper PA46-350P MM 12-10-00. Replaced right hand turbocharger mounting bracket bolt, installed P/N LW31SS-0.88. Retensioned alternators and AC compressor belts per AMM 21-50-00 and 24-30-00. Disconnected wastegate actuator from butterfly and lubricated and freed up per Hartzell SIL-A-111 and reconnected butterfly to actuator. Accomplished 500 hour magneto inspection by sending magnetos to Eagle Magneto for repair, installed repaired P/N 63.60 S/N 10110033 and P/N 6363 S/N 10080713 per Piper PA46-350P MM 74-10-00. Replaced #2 cylinder oil return line assembly, installed P/N 72703 per Lycoming Overhaul manual 60294-7.

MAINTENANCE RELEASE: This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002803. AD's researched through Rev. 2016.23

Signature



CBS # ECW14705

te No.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

NAPLES AIR CENTER, INC.

CRS X04R655M

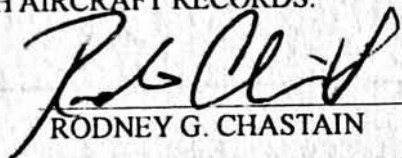
230 AVIATION DRIVE SOUTH

NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 10/12/2017 WO: 13575 HM & TTIS 665.9

ENGINE LOG

THIS ENGINE INSPECTED I/A/W AN ANNUAL INSPECTION AS PER FAR 43 APPENDIX D USING MANUFACTURERS CHECKLIST AS A GUIDE, AND WAS FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. COMPRESSION: #1 75/80 #2 76/80 #3 75/80 #4 76/80 #5 76/80 #6 77/80. SERVICED ENGINE WITH 12 QT AEROSHELL 15W50 AND CH48103-1 FILTER, NO CONTAMINANTS FOUND IN OLD FILTER. CHECKED AND CLEANED INDUCTION AIR FILTER. COMPLIED WITH AD 2015-19-07 I/A/W MSB 342G ON FUEL INJECTION HARD LINES, ALL CONDITIONS SATISFACTORY. ALL ADs CHECKED FOR AND COMPLIED WITH THROUGH THIS DATE, SEE SEPARATE AD LISTING MAINTAINED WITH AIRCRAFT RECORDS.


RODNEY G. CHASTAIN

FOR NAPLES AIR CENTER CRS X04R655M.

NAPLES AIR CENTER, INC.

CRS X04R655M

230 AVIATION DRIVE SOUTH

NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 5/10/2018 WO 13702 TACH 695.9

ENGINE LOG

SERVICED ENGINE WITH 12 QTS AEROSHELL 15W50 AND CH48103-1 FILTER. OLD FILTER CUT OPEN, NO CONTAMINANTS PRESENT. ENGINE GROUND RUN AND LEAK CHECK SATISFACTORY. DRESSED ALL DEICE BOOTS USING PB PREP AND DRESSING.


RODNEY G. CHASTAIN

FOR NAPLES AIR CENTER CRS X04R655M.

SUN AVIATION, INC., Vero Beach, FI (VRB)

Date: 10/01/18

Engine Log

N263SP

Hobbs: 709.1

Model: TIO-540-AE2A

Aircraft S/N: 4636491

Eng. TT: 709.1

S/N: L-13589-61A

Performed an annual inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P Inspection Report as a guide. Compressions: (1) 76/80 (2) 74/80 (3) 73/80 (4) 73/80 (5) 77/80 (6) 78/80. Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 11 quarts A/S 15W50 and (1) CH48110-1 filter. C/W AD 84-26-02 by inspecting induction air filters. Accomplished AD 2011-06-10 replacement of TIT probe not due at this time. C/W AD2015-19-07 inspection of fuel injector lines. Accomplished Lycoming SB531 inspection of the exhaust slip joint for proper engagement and inspect marmon flange. Accomplished Lycoming SB521 inspection of exhaust slip joints for proper engagement and inspect marmon flange joint at transition inlet. Replaced left hand turbocharge with overhauled unit from Approved Turbo Components, installed P/N 466642-9005 SN BHo17668. Replaced right hand turbocharger assembly with overhauled unit from Approved Turbo Components, installed overhauled P/N 46C19839 SN H-OER00059. Retimed right and left magnetos per Piper PA46-350P MM 74-10-00. Adjusted alternate air door linkage per MM chapter 12-20-00. Retensioned AC compressor and alternator bolts per MM 21-50-00 and 24-30-00. Lubricated and freed up wastegate butterfly per Hartzell SIL A-111. Replaced right hand crossover pipe heat shield mounting clamps, installed P/N LW15592-8E24

MAINTENANCE RELEASE: This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S003647. AD's researched through Rev. 2018.19

Signature



CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

NAPLES AIR CENTER, INC.

CRS X04R655M

230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 4/29/2019 WO: 13870 HM 727.0

ENGINE LOG

REPLACED ALL CYLINDERS USING CUSTOMER SUPPLIED UNITS (FROM AN APPROVED SOURCE) I/A/W
LYCOMING GUIDELINES. PERFORMED FULL FUEL AND MONITORING SYSTEM SET UPS AND CHECKS.
FABRICATED AND INSTALLED COOLING BAFFLE REINFORCEMENTS AS PER CUSTOMER REQUEST.
GROUND RUNS SATISFACTORY, NO LEAKS PRESENT.


RODNEY G. CHASTAIN

FOR NAPLES AIR CENTER CRS X04R655M.

NAPLES AIR CENTER, INC.

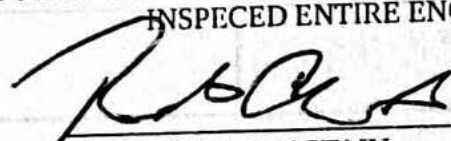
CRS X04R655M

230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 6/20/2019 WO: 13870 HM 742.2

ENGINE LOG

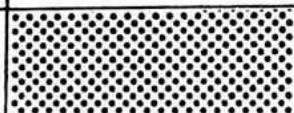
PERFORMED FIRST OIL CHANGE AFTER TOP OVERHAUL. NO CONTAMINANTS PRESENT IN OLD FILTER.
INSPECTED ENTIRE ENGINE, NO ISSUES OR LEAKS PRESENT.


RODNEY G. CHASTAIN

FOR NAPLES AIR CENTER CRS X04R655M.

Maintenance

tal To
erry Forward



SUN AVIATION, INC., Vero Beach, FI (VRB)

Date: 09/27/19

Engine Log

N263SP

Hobbs: 752.0

Model: TIO-540-AE2A

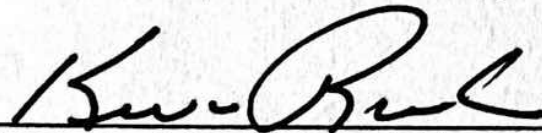
Aircraft S/N: 4636491

Eng. TT: 752.0

S/N: L-13589-61A

Performed an annual inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P Inspection Report as a guide. Compressions: (1) 80/80 (2) 80/80 (3) 80/80 (4) 80/80 (5) 80/80 (6) 79/80. Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 11 quarts A/S 15W50 and (1) CH48110-1 filter. C/W AD 84-26-02 by inspecting induction air filters. Accomplished AD 2011-06-10 replacement of TIT probe by replacing the TIT probe, installed P/N 686-216. C/W AD2015-19-07 inspection of fuel injector lines. Accomplished Lycoming SB531 inspection of the exhaust slip joint for proper engagement and inspect marmon flange. Accomplished Lycoming SB521 inspection of exhaust slip joints for proper engagement and inspect marmon flange joint at transition inlet. Accomplished AD 2010-13-07 "V" band exhaust coupling inspection. Performed fuel nozzle flow test and installed #6 fuel nozzle into #5 cylinder, fabricated stiffener for baffle on right side and RTV gaps in baffle per {A46-350P MM 73-10-00. Replaced barrel nuts P/N 582-587 in baffles. Repositioned pushrod tubes and locking rings to properly engage locks. Retimed magnetos to engine per PA46-350P MM 74-10-00. Replaced turbo clamp, installed P/N 40D23255-340M. . **MAINTENANCE RELEASE:** This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S004027. AD's researched through Rev. 2019.18

Signature



CRS # ECWR470D

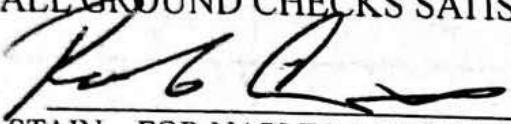
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 6/3/2020 W/O 14057 HM 753.8

ENGINE LOG

INSTALLED CUSTOMER SUPPLIED OVERHAULED ENGINE DRIVEN FUEL PUMP
P/N RG9080J4A/M S/N E1420. ALL GROUND CHECKS SATISFACTORY, NO LEAKS PRESENT.


RODNEY G. CHASTAIN FOR NAPLES AIR CENTER CRS X04R655M

ntenance

Total To Carry Forward				

SUN AVIATION, INC., Vero Beach, FI (VRB)

Date: 10/22/20

Hobbs: 757.0

Eng. TT: 757.0

Engine Log

Model: TIO-540-AE2A

S/N: L-13589-61A

N263SP

Aircraft S/N: 4636491

Performed an annual inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P Inspection Report as a guide. Compressions: (1) 78/80 (2) 78/80 (3) 77/80 (4) 78/80 (5) 78/80 (6) 78/80. Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 11 quarts A/S 15W50 and (1) CH48103-1 filter. C/W AD 84-26-02 by inspecting induction air filters. Accomplished AD 2011-06-10 replacement of TIT probe by inspecting the TIT probe. C/W AD2015-19-07 inspection of fuel injector lines. Accomplished Lycoming SB531 inspection of the exhaust slip joint for proper engagement and inspect marmon flange. Accomplished Lycoming SB521 inspection of exhaust slip joints for proper engagement and inspect marmon flange joint at transition inlet. Replaced #5 intake tube gasket and O ring, installed P/N's 71973 and 72711 per MM 71-00-00. Retimed right and left magnetos per MM 74-10-00. Retensioned AC compressor and right and left alternator belts per MM 21-50-00 and 24-30-00. Tightened and checked operation of alternate air door and linkage per MM 12-10-00. Lubricated and freed up wastegate butterfly per Hartzell SIL A-111. Tightened fuel flow transducer mount bolts in fuel pump mounting bracket MM 70-00-00. Installed barrel nut in #5 cylinder for oil cooler baffle.

MAINTENANCE RELEASE: This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S004336 AD's researched through Rev. 2020.21

Signature



Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

CRS # ECWR470D

ENGINE LOG

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 11/05/21

Engine Log

N263SP

Hobbs: 765.3

Model: TIO-540-AE2A

Aircraft S/N: 4636491

Eng. TT: 765.3

S/N: L-13589-61A

Performed an annual inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P Inspection Report as a guide. Compressions: (1) 78/80 (2) 78/80 (3) 79/80 (4) 78/80 (5) 78/80 (6) 79/80. Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 11 quarts A/S 15W50 and (1) CH48103-1 filter. C/W AD 84-26-02 by inspecting induction air filters. Accomplished AD 2011-06-inspection of TIT probe. C/W AD2015-19-07 inspection of fuel injector lines. Accomplished Lycoming SB531 inspection of the exhaust slip joint for proper engagement and inspect marmon flange. Accomplished Lycoming SB521 inspection of exhaust slip joints for proper engagement and inspect marmon flange joint at transition inlet. Replaced engine driven fuel pump from AMETEK B&S Aircraft Parts, installed overhauled P/N 200F-5002 SN H-PHN028FP per Lycoming SP1776 and PA46-350P MM 73-30-00. Retimed right and left magnetos per MM 74-10-00.

MAINTENANCE RELEASE: This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S004804 AD's researched through Rev. 2021.22

Signature



CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Total To Carry Forward				

[illegible]

ENGINE LOG

Maintenance

Date	Engine Time	
	This Date	Since Major

Recorder
Reading

SUN AVIATION, INC., Vero Beach, FL (VRB)

N263SP

Aircraft S/N: 4636491

Date: 11/15/2022

Hobbs: 778.5

Eng. TT: 778.5

Engine Log

Model: TIO-540-AE2A

S/N: L-13589-61A

Performed an annual inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P Inspection Report as a guide. Compressions: (1) 78/80 (2) 78/80 (3) 77/80 (4) 78/80 (5) 78/80 (6) 77/80. Changed engine oil and filter, inspected oil filter element and no contamination or defects found, serviced with 11 quarts A/S 15W50 and (1) AA48103-2 filter. C/W AD 84-26-02 by inspecting induction air filters. Accomplished AD 2011-06-10 inspection of TIT probe. C/W AD2015-19-07 inspection of fuel injector lines. Accomplished Lycoming SB531 inspection of the exhaust slip joint for proper engagement and inspect marmon flange. Accomplished Lycoming SB521 inspection of exhaust slip joints for proper engagement and inspect marmon flange joint at transition inlet. Lubricated and freed up wastegate butterfly per Hartzell engine technologies SIL# A-111. Retimed right and left magnetos per AMM Chapter 74-10-00. Tightened alternate air door linkage per AMM Chapter 12-10-00. **MAINTENANCE RELEASE:** This 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 to return for service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S005192 AD's researched through Rev. 2022.22

Signature

CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Carry Forward

MAKE: Piper
MODEL: PA46-350P
S/N: 4636491
REG. NO.: N263SP
ENGINE MAKE: LYCOMING

Rex Air Maintenance Center
304 Citation Point
Naples, FL 34104

W/O #: 2350-07-2023
DATE: 08-03-2023
A/C Tach: 781.9
ENG TT: 778.6
TSMOH:

Performed oil change IAW Lycoming Maintenance Manual. Serviced oil w/ 11QTS of Phillips 20W-50. Oil filter removed, opened and inspected. Installed new oil filter AA48103-2.

All work and inspections have been performed IAW applicable Maintenance Manuals and FAR's, and is found to be in Airworthy condition at this time. Pertinent details of service are on file at this facility under Work Order No. 2350-07-2023, Dated 08-03-2023.

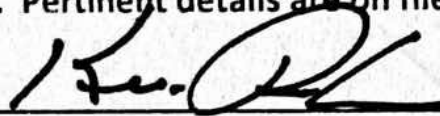
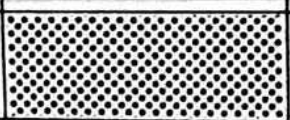
SIGNED:

Clint Cardullo
A&P or IA Number: AP4542696

WORK ORDER: 2350-07-2023

Printed by EBIS (EBISCloud.com)

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
= SUN AVIATION, INC., Vero Beach, FL (VRB)				
Date 12/1/2023	Engine Log		N263SP	
Hobbs: 782.0	Model: TIO-540-AE2A		Aircraft S/N: 4636491	
Eng. TT: 782.0	S/N: L-13589-61A			
- Performed an Annual Engine Inspection, IAW FAR 43, appendix "D" using the Piper PA46-350P inspection report, Piper 767-011. Compressions: (1) 78/80 (2) 78/80 (3) 77/80 (4) 79/80 (5) 77/80 (6) 77/80. Changed engine oil and filter, clear suction screen. Opened & inspected oil filter. Serviced with (1) CH48103 filter and 11 quarts A/S 15W50. C/W AD 84-26 by removing, cleaning & inspecting induction air filter, reinstalled per AMM, Chapter 12-10-00. C/W AD 2011-06 inspection of TIT probe per AMM, Chapter 77-20-00. AD2003-14-03 N/A- Hartzell Engine Technologies fuel pump install C/W AD 2015-19-07 by inspecting fuel nozzle system for proper installation per Lycoming SB342G. C/W Lycoming SB531 removing exhaust deposits from R/L turbochargers. C/W Lycoming SB521 by inspecting cross-over pipe for proper installation. AD 2011-13-03 not applicable by time in service. AD2010-13-07 PCW- new style riveted clamps are installed AD2023-09-09 not applicable, clamps are riveted style, not spot welded. Replaced cross-over pipe heat shield clamps LW15592-8E24 per Lycoming SB521 instructions. Retensioned AC compressor and R/L alternator belts per AMM, Chapter 50-00 and 24-30-00. Retimed R/L magnetos per AMM, Chapter 74-10-00. - MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired, inspected in accordance with current regulations of the Federal Aviation Administration and is approved to return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S005519 AD's researched through Rev. 2023.23				
- Signature  CRS # ECWR470D Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257				
Total To Carry Forward				

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 4/29/2024

Hobbs: 789.8

Eng. TT: 789.8

Engine Log

Model: TIO-540-AE2A

S/N: L-13589-61A

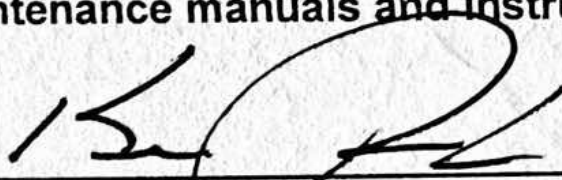
N263SP

Aircraft S/N: 4636491

Cleaned and lubricated wastegate. Removed and replaced Turbo transition using Lycoming SB52 No.47C21952, LW31SS1.19, 89808-003. Removed left and right turbos PN: 466642-9005 SN: H-OER0059 466642-9005 SN: BH017668 and sent out for overhaul. Reinstalled turbos after overhaul by Approve Components installation instructions. Lubricated mixture control cable sleeve at engine operational checks go

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified as repaired and inspected in accordance with current regulations of the Federal Aviation Administration approved to return for service. All work was performed in accordance with applicable aircraft, engine appliance maintenance manuals and instructions. Pertinent details are on file at the repair station of # S005675.

Signature



CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

NAPLES AIR CENTER, INC.

CRS X04R655M

230 AVIATION DRIVE SOUTH

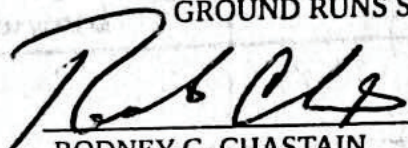
NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 4/29/2019 WO: 13870 HM 727.0

ENGINE LOG

REPLACED ALL CYLINDERS USING CUSTOMER SUPPLIED UNITS (FROM AN APPROVED SOURCE) I/A/W
LYCOMING GUIDELINES. PERFORMED FULL FUEL AND MONITORING SYSTEM SET UPS AND CHECKS.
FABRICATED AND INSTALLED COOLING BAFFLE REINFORCEMENTS AS PER CUSTOMER REQUEST.

GROUND RUNS SATISFACTORY, NO LEAKS PRESENT.



RODNEY G. CHASTAIN

FOR NAPLES AIR CENTER CRS X04R655M.

NAPLES AIR CENTER, INC.

CRS X04R655M

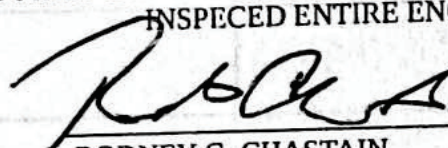
230 AVIATION DRIVE SOUTH

NAPLES, FLORIDA 34104

AIRCRAFT: N263SP DATE: 6/20/2019 WO: 13870 HM 742.2

ENGINE LOG

PERFORMED FIRST OIL CHANGE AFTER TOP OVERHAUL. NO CONTAMINANTS PRESENT IN OLD FILTER.
INSPECTED ENTIRE ENGINE, NO ISSUES OR LEAKS PRESENT.



RODNEY G. CHASTAIN

FOR NAPLES AIR CENTER CRS X04R655M.

Maintenance

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