

The Standard

AIRCRAFT LOG

ASA-SA-2

The Standard Aircraft Log
SA-2

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ASA-SA-2

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P N R A S A - S A - 2



9 781560 271178

Aircraft Record General Information

Manufacturer Piper Model PA32R-301
Serial 32R-8013046 Registration Number N186CA
Date of Manufacture Feb 12, 1980

Engine(s) currently installed:

Manufacturer Lycoming Model IO-540-K1G5D Serial L-16361-48A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer McCawley Model B3D36C 433-B
HUB Model _____ Serial 990523 Serial _____
Blade Model H-80V\$A-1 Serial TB006 Serial \$J017 Serial \$H284
Blade Model H-80V\$A-1 Serial _____ Serial _____ Serial _____

ALTIMETER CALIBRATION CHART

STANDARD ALTITUDE IN FEET	INDICATOR READING IN FEET	STANDARD ALTITUDE IN FEET	INDICATOR READING IN FEET
-1000	70	14000	760
0	70	16000	765
500	75	18000	770
1000	75	20000	775
1500	75	22000	780
2000	770	25000	
3000	770	30000	
4000	770	35000	
6000	775	40000	
8000	785	45000	
10000	790	50000	
12000	790		

INSTRUMENT NO. 14139

DATE 9/4/98

A FOR

WORTHINESS
U.S. Department of Transportation
Federal Aviation Administration

nts, Inc.
MN. 55345

Eligibility

VAR 100

Inspections, Tests, Repairs and Alterations
with Name, Rating and Certificate Number of
cility. (See back pages for other specific entries.)

2R-301 S/N 32R-8013046

E - UNITED INST., P/N 5934P-
ments. Unit EXCHANGED for
S/N 1H139. Exchange unit was
AFT INSTRUMENTS INC., see
er details.

been inspected and tested to an
ance with FAR 43, Appendix E,
D120-P2-T, S/N 33197.
quired for correlation between it

The ATC transponder inspections required by FAR 91.413
were performed this date and found to comply with FAR 43,
Appendix F. Transponder, MAKE - King, Model - KT-76A, S/N 17741.
The aircraft static pressure system has been inspected and tested in
accordance with FAR 43, Appendix E, paragraph (a) to an altitude of
2,000 ft MSL.
Altimeter, Altitude Reporting, and Static system meet FAR 91.411.

The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal
Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed
are on file at this repair station.



SIGNED
BLOOMINGTON AVIONICS, INC.
BLOOMINGTON, ILLINOIS 61704

W.O.# 9161

DATE 5/6/99

BLOOMINGTON-NORMAL AIRPORT
REPAIR STATION MB5R035N

DATE
19

RECORDING
TACH
TIME

TODAYS
FLIGHT

Re
S/N
CIT
Uni

The Aircraft/Appliance
Aviation Admin
are on file at th



d ar

DATE: 5/6/99
REMARKS: Repaired

TECH: Rodney Medina

WORK ORDER # 284683

MODEL # 046-03046-0001
SERIAL # 32014

UNIT KT 525A

OWNER Bloomington Avionics

ELLIOTT AVIATION of the QUAD CITIES

Quad City Airport Box 100
Moline, Illinois 61266-0100

MAINTENANCE RELEASE

APPROVAL TAG		RM 8130-3	
10. Quantity	11. Serial/Item Number	12. Date	13. Signature
1	14139	22,504	19,048
OHC			

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19			05/06/99 N-186CA PIPER PA-32R-301 S/N 32R-8013046 TACH: 405.8 The pilots altimeter was tested, MAKE - UNITED INST., P/N 5934P-1, S/N P1729 unit will not meet requirements. Unit EXCHANGED for MAKE - UNITED INST., P/N 5934P-1, S/N 1H139. Exchange unit was OVERHAULED by MIDWEST AIRCRAFT INSTRUMENTS INC., see attached FAA FORM 8130-3 for further details. The Altitude Reporting System has been inspected and tested to an altitude of 20,000 feet MSL in accordance with FAR 43, Appendix E, paragraph (c). MAKE - TCI, Model - D120-P2-T, S/N 33197. The system has been tested as required for correlation between it and the transponder. The ATC transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Transponder, MAKE - King, Model - KT-76A, S/N 17741. The aircraft static pressure system has been inspected and tested in accordance with FAR 43, Appendix E, paragraph (a) to an altitude of 2,000 ft MSL. Altimeter, Altitude Reporting, and Static system meet FAR 91.411.

The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.

SIGNED [Signature] W.O.# 9161 DATE 5/6/99

BLOOMINGTON AVIONICS, INC.
BLOOMINGTON, ILLINOIS 61704

BLOOMINGTON-NORMAL AIRPORT
REPAIR STATION MB5R035N

DATE	RECORDING TACH TIME	TODAYS FLIGHT
19		

MAINTENANCE RELEASE

ELLIOTT AVIATION of the QUAD CITIES
Quad City Airport Box 100
Moline, Illinois 61266-0100

OWNER Bloomington Avionics
UNIT KE 525A
MODEL # 046-03046-0001
SERIAL # 32014
WORK ORDER # 284683
TECH: Robbery Medina

DATE: 5/6/99
REMARKS: Repaired

The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.

Date: May 20, 1999

TACH: 4.0

TTAF: 2816.26

DA

19

Annual inspection completed this date. Installed new throttle cable part #55-815. Installed new prop control cable part #554-350. Installed new trim tab rod end and bushing. Tightened right hand overhead rheostat. Installed Lo Pisto Wing tips, see 337. Installed Whelen A500A tail strobe light, see 337. Installed two new Michelin 6.00 X 6, 8 ply tires on the mains. Replaced left main gear fore and aft pivot bearings. Replaced nose and main gear down lock springs. Performed landing gear retraction test. All indications normal. C/W AD76-07-12 by OPS check of ignition switch. C/W AD93-02-05 by inspection of fuel injection lines. C/W AD95-26-13 by replacing oil cooler hoses with new type (d) teflon hoses. Next action due at 8 years or 1000 hours. AD99-05-09 N/A, bracket filter installed. The ELT was inspected IAW FAR 91.207(d).

I certify that this airframe has been inspected in accordance with annual inspection and was determined to be in airworthy condition.

Tach Time 4.0 Hobbs TimeTotal Time 2816.26 Date 5-20-99

Frasca Air Services, Urbana, IL 61802

313921498IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-14-00	67.18	TACH		INSTALLED RIGHT WING OUTBOARD FUEL TANK AFTER REPAIR BY A/C TEAM INC. CRS #WUARO53L. INSTALLED RIGHT WING INBOARD FUEL TANK AFTER REPAIR BY SNH AEROSPACE SERVICES LLC. CRS #H7NR344N. BOTH TANKS INSTALLED USING NEW GASKETS & HOSES. FILLED TANKS. LEAK CHECK OK. INSTALLED PROPELLER AFTER REPAIR BY AIRCRAFT PROPELLER SERVICES CRS #E2YR81K TRACKED PROP. INSTALLED PROPELLER GOVERNOR AFTER BENCH CHECK BY AIRCRAFT PROPELLER SERVICES. REPLACED ELT BATTERY BP1010 REPLACEMENT DOE 03-2002. TESTED ELT IAW FAR 91.207.D. INSTALLED GPS RECEIVER AFTER REPAIR BY NORTHSTAR. CRS #AP350464458

DATE

19

ANNUAL / INSPECTION ~ AIRFRAME

CHECKED AND/OR SERVICED THE FOLLOWING ITEMS IF APPLICABLE: LIGHTS, STALL WARNING SYSTEM, BRAKES & RESERVOIR, WHEEL BEARINGS, BATTERY, FUEL STRAINER, LANDING GEAR RETRACTION, HEATER OPERATION; HEATER HOBBS TIME 11/4, ELT OPERATION; ELT BATTERY DUE 3-24-02, LUBRICATED ALL FLIGHT CONTROLS, ENGINE CONTROLS AND FLAP TRACKS.

AD's CHECKED THROUGH: SEE MASTER AD LIST FOR COMPLIANCE.

COMPLIED WITH THE FOLLOWING RECURRING AD'S: 76-07-12 Bendix IgniSw, ops.
93-02-05 Inspection of fuel injector lines.

ADDITIONAL MAINTENANCE: Replaced Brockett filter BA3, vac. reg.
filter B3-S-1, T/S stall warning horn system.
replaced ground wire at stall warning horn system
operation normal. Inspected ELT 11/4/01 FAR 91.207
(11-4) passed all tests, all work 11/4/01 Piper
Service Manual.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL / INSPECTION
AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. TACH TIME 223.37 AIRFRAME TIME 3085.63

George E. Evans PRINTED: George E. Evans CERT # 13793697A DATE 6-5-00

SOUTHWEST FLIGHT CENTER → SCOTTSDALE ARIZONA (480) 991-2880

and Alterations

icate Number of
r specific entries.)

DATE

19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of
Technician or Repair Facility. (See back pages for other specific entries.)

REG NO N-186CA

MODEL PA32R-301T

S/N 32R8013046

ENG MOD XXX

ENG S/N XXX

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND
AIRWORTHY FOR RETURN TO SERVICE. THE DATE OF REPAIR AND THE PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

SIGNATURE

AUTHORIZED NO. 2307335 A&P

Installed new landing gear hydraulic actuator hoses. Installed new RT &
LT brake discs & linings. Serviced & bled brakes.

END



**DUNCAN
AVIATION**

Reg. # N186CA

Make: Piper

Total Tach Time: 340.2

Date: May 1, 2001

Model: PA32R301

Work Order: WZRKA

S/N: 32R-8013046

A. Installed camera mod as approved by Joseph B. Dwerlkotte, DERT-230233-CE.

1 See FAA Form 8110-3, dated 04/26/2001, for approval.

2 See FAA Form 337 for documentation.

3 Performed new weight and balance, dated 05/01/2001.

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order # WZRKA.

Signed

DUNCAN
RJH 91

5-101

For Duncan Aviation CRS JGVR194F Phone: 800-228-4277

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
15 June 2001		TACH	Time 349.9	TOTAL TIME 316.5
				COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS.
				CHECKED CABLE TENSIONS. CLEANED & RE-PACKED WHEEL BEARINGS. REMOVED & REPAIRED
				RT. MAIN TAIL CHECKED LANDING GEAR RETRACTION SYSTEM. C/W F.A.R. 91.207 OPS
				CHECKED SATISFACTORY. INSTALLED NEW VACUUM FILTERS. INSTALLED NEW INSULATION
				AIR FILTER. INSTALLED M-20 AIR OIL SEPARATOR ON ENGINE BREATHING PNE.
				SEE 337, WT & BALANCE AND EQUIPMENT CFT. C/W A.D. 76-07-12 ON IGNITION
				SWITCH & A.D. 93-02-05 ON FUEL INJECTION LINES & CLAMPS. SEE REAR OF
				LOGBOOK FOR LISTING OF APPLICABLE A.D.S. I CERTIFY THAT THIS AIRCRAFT HAS
				BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETER-
				MINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i>
				JAN 506804555

Silverhawk Aviation
Repair Station # YQSR759U
Correction Card

Work Order #	5068	Date Tested:	8/27/2001
Altimeter P/N	5934P-1	Altimeter S/N:	1H139
Transponder #1 P/N:	KT-76A	Transponder #1 S/N:	17741
Transponder #2 P/N:	NA	Transponder #2 S/N:	NA
Encoder P/N:	SSD120-30A	Encoder S/N:	A-048450

The following results were obtained in testing for Certification per CFR 14, CFR 14, Part 43, Appendix E.
 Initial Reading at Ambient for 29.92": 1200

Scale Error Test			
Altitude	Ind. Reads	Altitude	Ind. Reads
-1,000	-980	14,000	14,020
0	-20	16,000	16,040
500	480	18,000	18,060
1,000	990	20,000	20,060
1,500	1,490	22,000	NA
2,000	1,990	25,000	NA
3,000	2,980	30,000	NA
4,000	4,000	35,000	NA
6,000	6,000	40,000	NA
8,000	8,020	45,000	NA
10,000	10,020	50,000	NA
12,000	12,030		

Silverhawk Aviation
 CRS# YQSR759U
 Lincoln, NE 68524

ons, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
 (See back pages for other specific entries.)

/N 064-1021-00 S/N 71830. Removed
 S/N A-048450.
 tem tests. All tests checked good.

accordance with current Federal

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
8/20/01				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/31	361.13		3172.7	Installed Trimble AgGPS 70 PDL Swath parallel guidance system. System was installed I/A/W Trimble installation manual P/N 39602-00, P/N 38747 & P/N 35827-10 and AC43.131B/2A. Ground check performed according to Trimble manual. Weight & balance was revised. See FAA Form 337 dated 8/31/01. Signed J. Rowan AXP505667721
8/31/01	361.13			I CERTIFY THIS AIRCRAFT IS SATISFACTORY TO FERRY FROM YORK, NE. TO LINCOLN NE. I/A/W SPECIAL AIRWORTHINESS CERTIFICATE ISSUED 8/31/2001 Lyle A. Bain AXP506060085 JA

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 8/27/2001 Aircraft: 186CA Type: PA32R-301 S/N: 32R-8013046
 Removed #1 comm and reinstalled after alignment and yellow tag. KY-196 P/N 064-1021-00 S/N 71830. Removed
 Transcal P/N D120-P2-T S/N 33197 and installed new Transcal SSD120-30A S/N A-048450.
 Complied with FAR 91-411/413 altimeter, transponder, encoder and static system tests. All tests checked good.

ALTIMETER CERTIFICATION

Altimeter, Transponder, and Altitude Reporting
 Equipment tested in compliance with FAR 91.411,
 FAR 91.413, Part 43, Appendix E, and Part 43,
 Appendix F. Static System certified per FAR 23.1325.
 All systems meet requirements. This data filed with
 Work Order # 01-5068 at Repair Station
 #YQSR759U
8/27/01 Charles L. Gentry
 Date Signature

The aircraft and or component identified above was repaired and inspected in accordance with current Federal
 Aviation Regulations and is Approved for the return to service as airworthy.
 Pertinent details of the repair are on file at this agency under
 Work Order No. 01-5068 Date 8/27/01
 Signed Charles L. Gentry for Silverhawk Aviation
 CRS# YQSR759U
 Lincoln, NE 68524

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/2001 8/31	361.13		3122.7 361.13	Installed Trimble AgGPS 70 PDL Swath parallel guidance system. System was installed I/A/W Trimble installation manual P/N 39602-00, P/N 38747 & P/N 35827-10 and AC43.131B/2A. Ground check performed according to Trimble manual. Weight & balance was revised. See FAA Form 337 dated 8/31/01. <u>Bruce L. Rowan</u> A&P 505667721
8/31/01	361.13			I CERTIFY THIS AIRCRAFT IS SATISFACTORY TO FERRY FROM YORK, NE. TO LINCOLN NE. I/A/W SPECIAL AIRWORTHINESS CERTIFICATE ISSUED 8/31/2001 <u>Way A. Ben</u> A&P 506060085 IA

DATE

19

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 08-24-2001 W.O. 01-5067 N186CA Tach: 361.61

Removed aft 2 passenger seats, aft right floor panel, and aft right belly panel. Installed camera pack in right aft position, installed cargo bins in aft 2 seat positions. Removed camera pack and cargo bins, reinstalled previously removed, floor pan, belly panel, and seats. Inspected, and checked good.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Pertinent details of the repair are on file at this agency under work order No. 01-5067 Date 8-24-01

Signed [Signature] For
Silverhawk Aviation CRS# YQSR759U
Lincoln, NE 68524

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 09-21-2001 W.O. 01-5067 N186CA Tach: 361.61

Completed 337 form dated 9-20-01, revised weight and balance sheet, and revised equipment list for restricted category installation.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Pertinent details of the repair are on file at this agency under work order No. 01-5067 Date 9-21-01

Signed [Signature] For
Silverhawk Aviation CRS# YQSR759U
Lincoln, NE 68524

DATE

19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

09/21/2001 Total Time: 3193.02

I find the aircraft meets the requirements for the certification requested and have issued a Special Airworthiness Certificate - Restricted - Aerial Survey and Operating Limitations dated 09/21/2001.

[Signature]
Larry G. Becherer
Aviation Safety Inspector, Maintenance
ACE-FSDO-09

24 SEPT 2001 TACH TIME 363.7

REMOVED AFT PASSENGER SEATS, FLOOR & BULKY PANEL. INSTALLED CAMERA PACK IN RT AFT POS. INSTALLED CARGO BINS IN AFT SEAT POSITIONS.
[Signature] AER04801599

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
26 SEPT	2001	TACH TIME 366.5		
				RE-INSTALLED PREVIOUSLY REMOVED FLOOR PAN, BELLY PANEL & SEATS.
				REMOVED ALL THREE SEATS RE-SEALED & RE-INSTALLED. SERVICED WITH HYDRAULIC
				FLOOR & N2. <i>[Signature]</i> AIP50480489

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 10-01-2001 N186CA Tach: 368.49

Removed aft 2 passenger seats, aft right floor panel, and aft right belly panel. Installed camera pack in right aft position, installed cargo bins in aft 2 seat positions. Removed camera pack and cargo bins, reinstalled previously removed, floor pan, belly panel, and seats. Inspected, and checked good.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Date 10-01-01

Signed *[Signature]* For,
Silverhawk Aviation CRS# YQSR759U
Lincoln, NE 68524

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SILVERHAWK AVIATION INC. Lincoln, NE

Date: 10-03-2001 N186CA Tach: 368.49

Removed aft 2 passenger seats, aft right floor panel, and aft right belly panel. Installed camera pack in right aft position, installed cargo bins in aft 2 seat positions. Removed camera pack and cargo bins, reinstalled previously removed, floor pan, belly panel, and seats. Inspected, and checked good.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Date 10-3-01

Signed *[Signature]* For,
Silverhawk Aviation CRS# YQSR759U
Lincoln, NE 68524

DATE

19

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 10-08-2001 N186CA Tach: 375.31

ns

s.)

Removed camera pack and cargo bins, reinstalled previously removed, floor pan, belly panel, and seats. Aircraft reverts back to original weight and balance and normal category operation. Inspected, and checked good.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Date 10-8-01

Signed

For,

Silverhawk Aviation CRS# YQSR759U

Lincoln, NE 68524

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 10-11-2001 N186CA Tach: 368.49

11

376.30

Removed aft 2 passenger seats, aft right floor panel, and aft right belly panel. Installed camera pack in right aft position, installed cargo bins in aft 2 seat positions. Removed camera pack and cargo bins, reinstalled previously removed, floor pan, belly panel, and seats. Inspected, and checked good.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Date 10-11-01

Signed

For,

Silverhawk Aviation CRS# YQSR759U

Lincoln, NE 68524

© 1991

DATE

19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 10-01-2001 N186CA Tach: 375.31

Removed camera pack and cargo bins, reinstalled previously removed, floor pan, belly panel, and seats. Aircraft reverts back to original weight and balance and normal category operation. Inspected, and checked good.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Date

10-11-01

Signed

For,

Silverhawk Aviation CRS# YQSR759U

Lincoln, NE 68524

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 10-16-2001 W.O. 01-5260 N186CA Tach: 386.67

Replaced left main landing gear tire inner tube, part number 6.00x6, serviced tire to 35 psi.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Pertinent details of the repair are on file at this agency under work order No 01-5260

Date 10/16/01

Signed

For,

Silverhawk Aviation CRS# YQSR759U

Lincoln, NE 68524

DATE

19

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 09-26-2001 W.O. 01-5176 N186CA Tach: 367.56

Replaced nose tire tube with new tube, part number 092-308-0. Cleaned and repacked nose wheel bearings.

END

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy.

Pertinent details of the repair are on file at this agency under work order No. 01-5176

Date

9-26-01

Signed

Silverhawk Aviation CRS# YQSR759U

Lincoln, NE 68524

For

DATE

19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

11 January 2002 TACH TIME 403.8 TOTAL TIME 3215.4
 COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS.
 CHECKED CABLE TENSIONS. CLEANED; RE-PACKED WHEEL BEARINGS. CHECKED LANDING
 GEAR RETRACTION SYSTEM. INSPECTED RETURN ON PUMP CONTROL CABLE.
 INSTALLED NEW INSULATION AIR FILTER. 1/2 A.D. 76-07-12 ON IGNITION SWITCH;
 A.D. 93-02-05 ON FUEL INJECTION LINES & CLAMPS. EGT BATTERY DUE MARCH 2002.
 IF CERTAIN THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN
 ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
 Dale Jahn I.A. 504804589

18 January 2002 TACH TIME 404.4
 INSTALLED FIBER-OPTIC ANTI-ICE ON TOP OF FUSELAGE AT STATION 170.0.
 SEE 337, WT & BALANCE & EQUIPMENT LIST FOR ADDITIONAL INFORMATION.
 Dale Jahn AIP04804589

DATE

19

Date

2/13/02

A/C Hours

408.31

N #

186CA

Landings

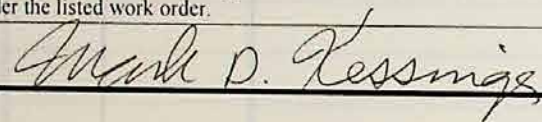
0

ations
er of
tries.)

LogEntry

Installed Bendix/King GPS antenna KA92 P/N 071-01553-0200 SN 40778 at ARM 88.25 IAW the manufacture's published procedures, Form 337 completed this date, and the Weight and Balance and the Equipment List revised. The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details are on file at this agency under the listed work order.

Signed:



Silverhawk Aviation CRS #YQSR759U
Lincoln NE 68524

WO# 5665

Date

2/13/02

A/C Hours

408.31

N #

186CA

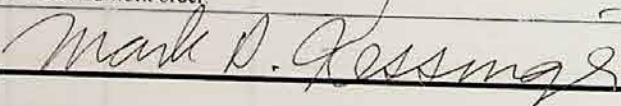
Landings

0

LogEntry

REMOVED FOR MAINTENCE RADAR INDICATOR PN MI-585256 SN1064, AND RADAR R/T PN MI-585255-3 SN 1217, SECURED THE AIRCRAFT HARDWARE, AND REVISED THE WEIGHT AND BALANCE. The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details are on file at this agency under the listed work order.

Signed:



Silverhawk Aviation CRS #YQSR759U
Lincoln NE 68524

WO# 5649

DATE

19

Date

3/4/02

A/C Hours

423

N #

186CA

Landings

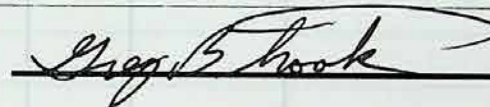
0

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LogEntry

Installed repaired radar indicator, p/n MI-585256, s/n 1064, and R/T p/n MI-585255-3, s/n 1217. Re-installed and sealed leading edge radome. Revised weight and balance. Ground check good. The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details are on file at this agency under the listed work order.

Signed:



Silverhawk Aviation CRS #YQSR759U
Lincoln NE 68524

WO# 5649

Date

3/21/02

A/C Hours

426

N #

186CA

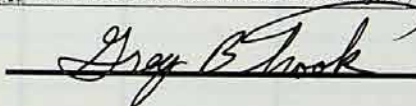
Landings

0

LogEntry

Installed GPS antenna dc power supply adapter, Mini-Circuits model ZFBT-4R2G-FTB, and 12V to 5V voltage regulator. Weight and balance change negligible. The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details are on file at this agency under the listed work order.

Signed:



Silverhawk Aviation CRS #YQSR759U
Lincoln NE 68524

WO# 5665

DATE 19 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/27/02	432.83			REMOVED AFT TWO SEATS, AFT FLOOR PANEL, AFT BULK PANEL. INSTALLED CAMERA PACKS & CARGO BINS IN AFT 2 SEAT POSITIONS. RETURNED RESTRICTED CATEGORY PACKS AND WITHIN LIMITS. <i>John A. Feltz AIP 456464324</i> REMOVED CAMERA PACKS & CARGO BINS & REINSTALLED SEATS, AFT FLOOR PANEL, & AFT BULK PANEL <i>John A. Feltz AIP 456464324</i>
4-5-02	441.53			REMOVED AFT 2 SEATS, AFT BARRAGE FLOOR PANELS, FUSelage BULKY CLOSE OUT PANELS. INSTALLED CAMERA PACK AND STORAGE BINS IN AFT 2 SEAT LOCATIONS & BINS IN AFT BARRAGE CLOSE OUTS. RTS IN RESTRICTED CATEGORY. <i>See 4QSR2759U</i>

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-9-02	444.93			REMOVED EQUIPMENT INSTALLED ON 4-5-02. REINSTALLED AFT 2 SEAT AND RETURNED TO NORMAL CATEGORY SERVICE. <i>See 4QSR2759U</i>
4-17-02	454.8			REMOVED AFT 2 SEATS, AFT BARRAGE FLOOR PANELS, FUSelage BULKY CLOSE OUT PANELS. INSTALLED CAMERA PACK & STORAGE BINS IN AFT 2 SEAT LOCATIONS AND BINS IN AFT BARRAGE CLOSE OUTS. RTS IN RESTRICTED CATEGORY. <i>See 4QSR2759U</i>

Date 4/19/02	A/C Hours 456.77	N # 186CA	Landings 0
Log Entry Removed active GPS antenna, King KA-92, s/n 40778. Installed Comant CI-405-30C, no s/n. Replaced TNC connector with BNC. Reconnected coaxial cable directly, without use of Micro Circuits coupler/5V power supply. Coaxial cable continuity tested good. Ground test of GPS receiver was good. The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details are on file with this agency under the listed work order.			
Signed: <i>Greg B. Throck</i>			

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

SILVERHAWK AVIATION INC. Lincoln, NE

Date: 03-04-2002 W.O. 02-5647 N186CA Tach: 408.31

Installed new 20 amp breaker switch P/N 7270-5-20 in instrument panel. Installed new 12 volt cannon plug P/N MS31021220-235 see attached FAA 337 form for details. Inspected aircraft for equipment changes. Revised Weight&Balance form and completed new 337 form. Ops check good.

END

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is Approved for return to service as airworthy.

Pertinent details of the repair are on file at this agency under work order No 02-0647 Date 3-4-2002

Signed [Signature] For,
Silverhawk Aviation CRS # YQSR759U
Lincoln, NE 68524

Date	A/C Hours	N #	Landings
3/15/02	426	186CA	0
LogEntry Removed radar indicator, p/n MI-585256, s/n 1064., and A/R/T, p/n MI-585255-3, s/n 1217. Temporary weight and balance change calculated. The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details are on file with this agency under the listed work order.			
Signed: <u>[Signature]</u>			
Silverhawk Aviation CRS #YQSR759U Lincoln NE 68524			
WO# 2786			

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date	A/C Hours	N #	Landings
4/12/02	447.64	186CA	0

LogEntry

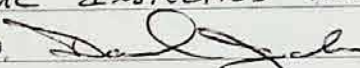
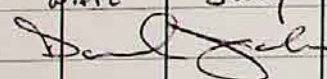
Re-installed repaired radar indicator, p/n MI-585256, s/n 1064., and A/R/T, p/n MI-585255-3, s/n 1217. Temporary weight and balance change removed. The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details are on file with this agency under the listed work order.

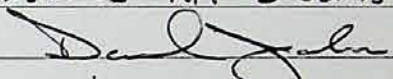
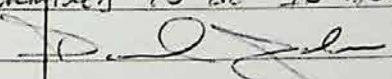
Signed:

[Signature]

Silverhawk Aviation CRS #YQSR759U
Lincoln NE 68524

WO# 2786

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
14 JUNE 2002	TACH TIME 504.4	TOTAL TIME 3314.0		COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS. CHECKED CABLE TENSIONS. CLEANED & RE-PACKED WHEEL BEARINGS. CHECKED LANDING GEAR RETRACTION SYSTEM. REMOVED ELT FOR REPAIR. PURCHASED INSTRUMENT PANEL. C/W A.D. 76-07-12 ON FUEL SWITCH & A.D. 93-02-05 ON FUEL INJECTION LINES & CLAMPS. SEE REAR OF LOGBOOK FOR LISTING OF APPLICABLE A.D.s. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  A1P504804559
28 JUNE 2002	TACH TIME 509.6			RE-INSTALLED ELT AFTER REPAIR BY MERRILL INC. NEW ELT BATTERY DUE DATE JULY 2004. C/W F.A.R. 91.207 OPS CHECK ELT SATISFACTORY.  A1P504804559

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
15 JULY 2002	TACH TIME 539.58			REMOVED INSTALLED EQUIPMENT & RE-INSTALLED AFT 2 SEATS & PANELS. RETURNED AIRCRAFT TO NORMAL CATEGORY.  A1P504804559
10 SEPTEMBER 2002	TACH TIME 604.4	TOTAL TIME 3414.0		COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS. CHECKED CABLE TENSIONS. CLEANED & RE-PACKED WHEEL BEARINGS. CHECKED LANDING GEAR RETRACTION SYSTEM. REMOVED FOT GUNGE (ALCOA) FROM AIRCRAFT. REMOVED RADAR UNIT & BOX FROM INSTRUMENT PANEL & ATTACHED FROM LANDING PAGE OF AT. WIRE. UPDATED WIT & BALANCE AND EQUIPMENT UNIT. C/W A.D. 76-07-12 ON FUEL SWITCH & A.D. 93-02-05 ON FUEL INJECTION LINES & CLAMPS. SEE REAR OF LOGBOOK FOR LISTING OF APPLICABLE A.D.s. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  A1P504804559

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SILVERHAWK AVIATION INC. Lincoln, NE
Date: 04-29-2003 W.O. 03-7417 N# 186CA Tach: 682.17

Inspected aircraft fuel system for leaks. Found leaks under baggage compartment floor. Replaced fuel hose P/N 624157J0212-303, elbow P/N 458-849 and fuel hard line P/N 67700-375 with all new parts and associated hardware. Pressure checked system and system checked good.

END

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is approved for return to service as airworthy.
Pertinent details of the repair are on file at this agency under work order No. 03-7417
Date: 04-29-2003 Signed: [Signature] Silverhawk Aviation CRS # YQSR759J
Lincoln, NE 68524

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4 JUNE	2003	TACH TIME 705.0	TOTAL TIME 3514.6	COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS. CHECKED CABLE TENSIONS. CLEANED & REPAIRED WHEEL BEARINGS. CHECKED LANDING GEAR RETRACTION SYSTEM. C/U F.A.R. 91207 OPS CHECK EGT SATISFACTORY. INSTALLED NEW INDUCTION AIR FILTER. C/U A.D. 76-07-12 ON IGNITION SWITCH. C/U A.D. 2002-26-01 ON FUEL INJECTION LINES & CLAMPS. SEE REAR OF LOGBOOK FOR LISTING OF APPLICABLE A.D.'S. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. [Signature] I.A. 506804PES

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				
2 AUGUST 2003	TACH TIME 805.4		TOTAL TIME 3617.0	COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS, CHECKED CABLE TENSIONS. CLEANED & RE-PAIRED WHEEL BEARINGS. CHECKED LANDING GEAR RETRACTION SYSTEM. INSTALLED NEW INDUCTION AIR FILTER. C/W A.D. 76-07-12 ON IGNITION SWITCH. C/W A.D. 2002-26-01 ON FUEL INJECTION LINES & CLAMPS. REMOVED & REPLACED INDUCTION AIR FILTER. REPAIRED BOTTOM COVERING. SEE 2ND OF LOGBOOK FOR LISTING OF APPLICABLE A.D.'S. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>John I. A506804599</i>
19				
SEPTEMBER 2003	TACH TIME 895.0			COMPLETED WITH A.D. 76-07-12 ON BENDIX ELECTRON SWITCH. C/W A.D. 2002-26-01 ON FUEL INJECTION LINES & CLAMPS. <i>John I. A506804599</i>

AIRFRAME LOG INSERT



CRS MGOR426G
EPPLEY AIRFIELD
OMAHA, NEBRASKA 68119

DATE	W.O. NO.	MAKE	MODEL	HR. MTR.	TACH	TT	REGISTRATION	SERIAL
8/21/2003	573694	PIPER	PA32R-301	-	842.2	-	N186CA	32R-8013046

I certify that the Altimeter, Static System, Transponder and Altitude Reporting Test required by FAR 91.411, 91.413 and FAR Part 43 Appendix E, Paragraph (a) (b) (c), and Appendix F have been performed.

STATIC SYSTEM LEAK CHECKED AT 2,000 FT MSL

ALTIMETER, PILOT: MAKE UNITED P/N 5934P-1 S/N 1H133 TESTED TO 20,000 FT MSL

BLIND ENCODER: MAKE TRANSCAL P/N SSD 120 S/N 48450 TESTED TO 20,000 FT MSL

TRANSPONDER: MAKE KING MODEL KT-76A S/N 17741

DATE August 21, 2003 W.O. 573694 SIGNED *[Signature]*

ELLIOTT AVIATION OF OMAHA, INC.
CRS MGOR426G
OMAHA, NEBRASKA 68119

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5 MARCH	2004	TACH TIME	978.3	TOTAL TIME: 3789.9
				COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS. CHECKED CABLE TENSIONS. CLEANED & RE-PACKED WHEEL BEARINGS. REPLACED ALL BRAKE CONES. CHECKED LANDING GEAR RETRACTION SYSTEM. REPLACED ALL VACUUM FILTERS. C/W A.D. 76-07-12 ON IGNITION SWITCH. C/W A.D. 76-12-07 ON BATTERY IMPULSE COILING. C/W A.D. 2002-26-01 ON FUEL INJECTION LINES & CLAMPS C/W F.A.R. 91207 OPS CHECK ECT SATISFACTORY. SEE REAR OF LOGBOOK FOR LISTING OF APPLICABLE A.D.'S. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
				<i>[Signature]</i> I.A. 506804599

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2 AUGUST	2004	TACH TIME	1111.4	TOTAL TIME: 3923.0
				COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS. CHECKED CABLE TENSIONS. CLEANED & RE-PACKED WHEEL BEARINGS. INSTALLED NEW NOSE GEAR TAILORING. REMOVED & REPLACED ECT BATTERY. NEW BATTERY DUE DATE SEPTEMBER 2006. C/W F.A.R. 91207 OPS CHECK ECT SATIS- FACTORY. INSTALLED NEW INJECTION AIR FILTER. C/W A.D. 76-07-12 ON IGNITION SWITCH. C/W A.D. 2002-26-01 ON FUEL INJECTION LINES & CLAMPS. SEE REAR OF LOGBOOK FOR LISTING OF APPLICABLE A.D.'S. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
				<i>[Signature]</i> I.A. 506804599

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2 DECEMBER 2004	TACH TIME 1213.5		TOTAL TIME 4025.1	COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS. CHECKED CABLE TENSIONS. CLEANED & RE-PACKED WHEEL BEARINGS. CHECKED LANDING GEAR RETRACTION SYSTEM. C/W F.A.R. 91.207 OPS CHECK ECT SATISFACTORY. REPLACED COVER ON INDUCTION AIR FILTER. C/W A.D. 76-07-12 ON IGNITION SWITCH. C/W A.D. 2002-24-01 ON FUEL INJECTION LINES & CLAMPS. SEE REAR OF LOGBOOK FOR LISTING OF APPLICABLE A.D.'S. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  I.A. 506304599

DATE 2005	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/1/05	1266.4		4076.0	Engine SMOH and Propeller SNEW: 1266.9 Inspected and lubed all controls, cables, and pulleys. Cleaned fuel screens and serviced battery. Jacked aircraft, performed multiple gear retractions and extensions, serviced hydraulic power-pack, and lubed all gear fittings. Inspected and packed all wheel bearings, installed new nosewheel tire and tube - McCreary 5.00x5 Super Hawk. Serviced brakes, removed pilots side master cylinders and replaced all internal O-rings and dyna-seals, reinstalled and bled system with HSL06 fluid. Replaced fuel cap seals P/N 462 056. Installed new alternator belt P/N - 73945-003. Replaced LH recognition lamp P/N 01-0790346-00. Replaced David Clark ISOCOM with factory exchange unit - new S/N is 0402003. Removed defective Prestolite starter and installed new Sky-Tec starter P/N 149-NL, S/N FN-090314. Removed dry air vacuum pump due to time and installed Aero Accessories S/N'd "Tempest" pump P/N 21566, S/N 36032 - See back of this log for Form 8130-3's on both accessories. Dry air pump installed with new oil seal P/N 06A14956 and new 306-10 hoses. Checked A.D. 76-07-12 R1 - see master listing in aircraft log binder for recurring times and subject matter. Checked E.L.T I/A/W FAR 91.207 (d) - next battery replacement due 9-06. Aircraft washed, ground run, and checked for proper operation. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in airworthy condition. Damen Zanardi AIP 513662407 IA

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
28 SEPT 2005	TACH	TIME	1468.4	4W A.D. 76-07-12 ON ICAO 3000 OPS CHECK SATISFACTORY. 4W A.D. 2002-2001. FUEL INJECTION LEADS & CLAMPS CHECK OK. <i>Don John A1P504804559</i>
12 OCTOBER 2005	TACH	TIME	1469.8 TOTAL TIME: 4281.4	COMPLETED WITH ANNUAL INSPECTION ON AIRFRAME. LUBRICATED ALL CONTROLS. CHECKED CABLE TENSIONS. CLEANED & RE-PACKED WHEEL BEARINGS. CHECKED LANDING GEAR RETRACTION SYSTEM. REPLACED TIRM INDICATOR. INSTALLED NEW INDICATOR AIR PRESSURE REMOVER & REPLACED ALL BRAKE LINES. SEE REAR OF LOGBOOK FOR LISTING OF APPROPRIATE A.D.'S. 4W FUEL 91.207 OPS CHECK OK SATISFACTORY. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>Don John A1P504804559</i>

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
14 OCTOBER 2005	TACH	TIME	1469.8	REMOVED EQUIPMENT INSTALLED. RE-INSTALLED AFT 2 SEATS & PANELS. RETURNED AIRCRAFT TO NORMAL CATEGORY <i>Don John A1P504804559</i>
4 NOVEMBER 2005	TACH	TIME	1476.9	RE-INSTALLED EXISTING HORIZON GYRO AFTER REPAIR BY KINGS AUTOMICS. EDO 52067. MODEL 5000E-9 S/N X97154H. RUN-UP OPS CHECK SATISFACTORY. <i>Don John A1P504804559</i>
19 DEC				Installed engine

Altitude Correction Card	
Pilots Altimeter S/N <u>N186CA</u>	
Altitude	Altimeter Reading
-1,000	-10
0	-5
500	-5
1,000	0
1,500	0
2,000	+5
3,000	0
4,000	+5
6,000	+15
8,000	+20
10,000	+25
12,000	+30
14,000	+40
16,000	+45
18,000	+60
20,000	+80
Silverhawk Aviation Inc	
Certified Repair Station	
YQSR759U	
Signature: <u>[Signature]</u>	

NE
 3 Hobbs: N/A
 ed by FAR 91.411 and 91.413
 3 appendix E and F. The

Federal Aviation Administration
 on file at this agency under work

N186CA

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZI FAA Form 8	
4. Organization Name and Address: MAYDAY AVIONICS, INC. 5500 44th St. S.E. Grand Rapids, MI 49512			
6. Item:	7. Description:	8. Part Number:	
1	K. W. KX155 NAV/COM	069-1024-01	
13. Remarks:			
14. Certifies the items identified above were manufactured in conformity to:			
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.			
15. Authorized Signature:		16. Approval/Author	
17. Name (Typed or Printed):		18. Date (m/d/y):	

FAA Form 8130-3 (6-01)

Instructions

ations
 per of
 ntries.)

1. Autopilots pitch hold erratic. Troubleshoot autopilot to Altitude Hold Sensor(P/N: 1C535-1 S/N: 13157D). Sent Sensor out for repair. Received unit back in " Repaired " status. Re-Installed and op checks with satisfactory results.

The aircraft and or component above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 06-10808 Date: 03-06-06 Signed David M Hevener
 Silverhawk Aviation CRS # YQSR759U
 Lincoln, NE 68524

Altitude Correction Card	
Pilots Altimeter S/N	N186CA
Altitude	Altitude Reading
-1,000	-10
0	-5
500	-5
1,000	0
1,500	0
2,000	+5
3,000	0
4,000	+5
6,000	+15
8,000	+20
10,000	+25
12,000	+30
14,000	+40
16,000	+45
18,000	+60
20,000	+80
Silverhawk Aviation Inc	
Certified Repair Station	
YQSR759U	
Signature: <i>ABell</i>	

NE
Hobbs: N/A
by FAR 91.411 and 91.413
appendix E and F. The

Federal Aviation Administration
on file at this agency under work

1. Lights inop on Several radios. Troubleshoot down to transistor (2N3055) on amplifier assembly. OP checks with satisfactory results
2. Argus 5000 inop. Changed out defective battery(427-012) in Argus unit. System op checks with satisfactory results.
3. #2 Nav difficult to change frequencies. Removed KX155 and Sent to Mayday Avionics for repair. Received unit back in " Repaired " status and system op checks with satisfactory results.
4. #1 Com display unreadable. Removed and replaced display (037-00060-0001). System op checks with satisfactory results
5. Autopilots pitch hold erratic. Troubleshoot autopilot to pitch servo. Sent Pitch servo and Autopilot Amp out for repair. Received units back in " Repaired " status. Re-Installed and op checks with satisfactory results.
6. Mode C off 200 ft. Adjusted encoder to tolerances specified in FAR 43 App E chap C with satisfactory results.

The aircraft and or component above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 06-10684 Date: 02-10-06 Signed_David M Hevener *David M Hevener*
Silverhawk Aviation CRS # YQSR759U

Silverhawk Aviation Inc. Lincoln, NE

Date: 03-06-06 W.O. 06-10808 N186CA Hobbs: 1499.0

1. Autopilots pitch hold erratic. Troubleshoot autopilot to Altitude Hold Sensor(P/N: 1C535-1 S/N: 13157D). Sent Sensor out for repair. Received unit back in " Repaired " status. Re-Installed and op checks with satisfactory results.

The aircraft and or component above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 06-10808 Date: 03-06-06 Signed_David M Hevener *David M Hevener*
Silverhawk Aviation CRS # YQSR759U
Lincoln, NE 68524

ctions, Tests, Repairs and Alterations
with Name, Rating and Certificate Number of
ity. (See back pages for other specific entries.)

MONITOR AFTER REPAIR

y. *[Signature]*
AIP 504 504599

4441.3

TAFRAME. LUBRICATED ALL CONTROLS

WHEEL BEARINGS. REPLACED BOTH

MAIN TINES. 1/2 PITCH S.B. 2 1156 REPLACES NOSE GEAR PITCH LINES. 1/2
S.D. 1167 INSTALLED RTB FLARE REPAIR KITS 767-397; 767-398. INSTALLED
NEW EXHAUST AIR FILTER. CHECKED FUEL GAGE CALIBRATION BOTH SPODES.
LYC CRANKSHAFT S.B. 569 N/A AS PER SN OF ENGINE. 1/2 F.A.R. 91.207 OPS CHECK
EVT SATISFACTORY. SEE REAR OF LOGBOOK FOR LISTING OF APPLICABLE A.D.S.
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH
AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION. *[Signature]* I.A. 504 504599

DATE
19

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of
Technician or Repair Facility. (See back pages for other specific entries.)



**DUNCAN
AVIATION**

Reg. # N186CA
Make: Piper
Tach Time: 1687:84

Date: October 2, 2006
Model: PA-32-301T

Work Order: FLMJA
S/N: 32R-8013046

- I) The following maintenance was performed by Duncan Aviation under work order # FLMJA:
- A) Removed intercom unit P/N 18486G-01 S/N 0402002 and installed new intercom P/N 18486G-01 S/N 1003012.
 - B) Replaced ELT battery with new, P/N BP-1010 S/N N/A, battery expires October 2008. Inspected ELT IAW 14CFR 91.207

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on
file under Work Order # FLMJA.

Signed

[Signature] Duncan
RII 106

For Duncan Aviation CRS JGVR194F Phone: 800-228-4277

N186CA

October 2, 2006

Page 1 of 1

1  **DUNCAN AVIATION**

Reg. # N186CA	Date: October 4, 2006	Work Order: FLFNA
Make: Piper	Model: PA-32-301	S/N: 32R-8013046
Tach Time: 1688:79		

- I) The following maintenance was performed by Duncan Aviation under work order # FLFNA:
- A) Removed aircraft main battery P/N G35 S/N G01966503 and installed new battery P/N G35 S/N G02291059.

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order # FLFNA.

Signed  Duncan RII 106

For Duncan Aviation CRS JGVR194F Phone: 800-228-4277

N186CA October 4, 2006

 **DUNCAN AVIATION**

Reg. # N186CA
Make: Piper
TT: 1703.62

Date: May 22, 2007
Model: PA-32R-301

Work Order: FMWC
S/N: 8013046

- I) The following was performed by Duncan Aviation under Work Order #FMWCA:
- A) Reinstalled Battery P/N G-35, S/N G02291059, inspected by Duncan Aviation, CRS #JGVR194F, under work order #FMWCA.

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order #FMWCA.

Signed  Duncan RII 106

For Duncan Aviation CRS JGVR194F Phone: 800-228-4277

N186CA May 22, 2007

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

SO#	07-12327	SILVERHAWK AVIATION INC.		DATE	09/06/07
REG.	N186CA	Lincoln Municipal Airport [LNK]		HOUR	1748.0
MAKE	Piper	MODEL	PA-32R-301	TACH	1748.0
		SERIAL NO.	32R-8013046	CYCLES	N/A
		ACTT:			

1. Removed engine cowl and observed suspect areas for oil leak. Checked oil filter for tightness and found ok. Washed engine and performed ground run. Observed no leaks after engine run. Re-installed engine cowl.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 07-12327 Date 09/06/07

Signed [Signature] For,
Silverhawk Aviation Inc. CRS# YQSR7591

SO#	08-12904	SILVERHAWK AVIATION INC.		DATE	03/20/08
REG.	N186CA	Lincoln Municipal Airport [LNK]		TACH	1775.73
MAKE	Piper	MODEL	PA32R-301		
		SERIAL NO.	32R-8013046		

1. Install nut plates and hard rivet existing fiber optic sensor doubler to fuselage.
2. Installed 4 each nut plates P/N. MS21061-3 to existing fiber optic sensor doubler only with MS20426AD3 rivets.
3. Installed existing fiber optic sensor doubler to existing original position on aft upper fuselage with 4 each AN470AD4 rivets and 4 each MS20426AD3 rivets. Work done as a minor alteration to an existing non-pressurized antenna doubler per AC43.13-1B Chapter 4, Section 4.
4. Fiber Optic sensor installed with original hardware.
5. No change in weight and balance.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 08-12904 Date March 20, 2008

Signed [Signature] For,
Silverhawk Aviation Inc. CRS# YQSR759U

Lincoln, NE 68524

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

03/24/2008 TOTAL TIME: 4559.1

I FIND THE AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATION REQUESTED AND HAVE ISSUED A SPECIAL AIRWORTHINESS CERTIFICATE - RESTRICTED CATEGORY - AERIAL SURVEY AND OPERATING LIMITATIONS DATED 03/24/2008.

[Signature]
LARRY G. BECHERER
AVIATION SAFETY INSPECTOR, MAINTENANCE
ACE-FSDO-09

SO#	08-12936	SILVERHAWK AVIATION INC.		DATE	04/02/08
REG.	N186CA	Lincoln Municipal Airport [LNK]		HOUR	1776.0
MAKE	Piper	MODEL	PA-32R-301	TACH	1776.0
		SERIAL NO.	32R-8013046	CYCLES	
		ACTT:			

1. Fully recharged battery and then performed a capacity check. Battery passed at 84%. Re-charged battery and installed it on the aircraft.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 08-12936 Date 04/02/08

Signed [Signature] For,
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

MAINTENANCE RELEASE

SO#	08-13362	SILVERHAWK AVIATION INC.				DATE	09/04/08
REG.	N186CA	Lincoln Municipal Airport [LNK]				ACTT	4630.6
MAKE	Piper	MODEL	PA32R-301	SERIAL NO.	32R8013046	TACH	1819.0

- Completed Annual Inspection using Piper Aircraft PA32R301/301T Maintenance Manual CH 5-20-00 checklist.
- Complied with ELT inspection in accordance with 14CFR91.207 paragraph "d" section 1-4. ELT battery due. See item #15.
- Removed cabin fire extinguisher for annual weigh. Installed cabin fire extinguisher after annual weigh.
- Removed battery and performed capacity test. Achieved 70%. Retested and achieved 103%reference Gill Aircraft Battery Manual chapter 7. Reinstalled battery.
- Complied with A.D. 95-26-13 by removing the oil cooler hoses and installing new Type D hoses. Hose part numbers installed: AE3663163H0284, AE3663162H0260, and AE3663163H0170. NEXT DUE ACTT: 5630.6 OR 09/2016 Leak check good.
- Re-secured mixture control cable away from right engine mount and oil cooler.
- Replaced induction air filter with new Brackett BA 3.
- Replaced ELT battery with new battery P/N BP-1010. Next replacement due Dec 2010.
- Relieved tension from stabilator trim cable and removed forward left cable. Installed new cable P/N 62701-042. Set proper tension to cable (14 +/- 1 lbs) and operationally checked system. System checks good.
- Installed turnbuckle safety clips on stabilator turnbuckle in tailcone.
- Adjusted aileron cable tension to 40 lbs.
- Removed both worn out main landing gear brake discs and replaced with new brake discs P/N 164-21600. Removed, cleaned and repacked wheel bearings with Mobil 28 grease. Serviced tires to 38 psi in accordance with Pilot Operating Handbook.
- Adjusted stabilator cable tension to 40 lbs.
- Adjusted rudder cable tension to 65 lbs.
- Drilled out poorly driven rivet on left main landing gear wheel well support. Drilled hole to #21 size and installed CR3213-5-4 Cherry max rivet.
- Bled brakes.
- Re-secured forward lower baffle.
- Installed new retainers on top cowl aft fasteners P/N 2600LW to secure them.
- Replaced defroster hose in engine compartment with Sceet 6.

PAGE 1 OF 2

SO#	08-13362	SILVERHAWK AVIATION INC.	
REG.	N186CA	Lincoln Municipal Airport [LNK]	
MAKE	Piper	MODEL	PA32R-301

- Removed and replaced B3-5-1 filter with new.
- Removed both brake calipers and installed new.

I certify this (aircraft) (engine) (propeller) has been inspected to be in an airworthy condition.
Dated 09/04/08 W.O. 08-13362 Signed
Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

SO#	09-13859	SILVERHAWK AVIATION INC.	
REG.	N186CA	Lincoln Municipal Airport [LNK]	
MAKE	Piper	MODEL	PA32R-301

Maintenance Record

- Removed main battery P/N G-35 S/N G02
- Found resistor in alternator annunciator circuit. check good.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy.
Pertinent details of the repair are on file at this agency under work order No. 09-13859 Date March 02, 2009

Signed: Scotty G. Long For,

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2411744	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218		5. Work Order/Contact/Invoice Number: 858849		6. Serial/Batch Number: 102404733	
7. Description: BATTERY DR G-35	8. Part Number: N/A	9. Eligibility: N/A	10. Quantity: 1	11. Status/Work: New	
12. AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.					
13. I certify this (aircraft) (engine) (propeller) has been inspected to be in an airworthy condition. Dated 09/04/08 W.O. 08-13362 Signed Silverhawk Aviation Inc. CRS # YQSR759U Lincoln, NE 68524					
14. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		15. 14 CFR 43.9 Return to Service ☐ Other regulation applies			
16. Authorized Signature: Kenneth E. Wysocki		17. Approval/Authorization No.: 100129CE		18. Date (m/d/y): AUG/29/2008	
19. Name (Typed or Printed): KENNETH E. WYSOCKI SR., ODARF		20. Authorized Signature:		21. Approval/Certificate No.:	
22. Name (Typed or Printed):		23. Date (m/d/y):			
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (6-01) * Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005					

MAINTENANCE RELEASE

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
19	Reg: N186CA Model: PA-32R-301	Date: May 13, 2009 S/N: 32R-8013046	Make: Piper Tach Time: 1862.42	r of ries.)

Removed Northstar M3 GPS system and its associated NAT RS08 Nav switching relay. Removed #2 KX-155 NAV/COMM and its associated KN-77 converter. Reconfigured #1 KY-197 Comm Radio to be the #2 Comm Radio. Reconfigured #1 KNS-80 Nav radio to be the #2 Nav radio. Removed Argus 5000 moving map system. Installed a repaired GNS-430W navigation transceiver P/N 011-01060-00 S/N 23422704 and new GA-35 GPS antenna P/N 013-00235-00 S/N 39669 IAW Garmin 400W series installation manual P/N 190-00356-02 Rev G. and STC no. SA01933LA. Installed a GNS 430W Airplane Flight Manual Supplement P/N 190-00356-03, FAA Approval date 11/20/2007 into the Aircraft Flight Manual. Test flew aircraft for IFR GPS approval. The system was found to meet the requirements of GPS/WAAS TSO-C146a Class 3, and is approved for IFR enroute, terminal area, and non-precision approach operations (including "GPS" and "RNAV" approaches), and approach procedures with vertical guidance (including "LNAV/VNAV" and "LPV"). Filed FAA Form 337 for this alteration. Updated aircraft weight and balance and equipment list.

The units and/or aircraft maintenance has been functional tested and found airworthy and approved for return to service.

Rick Stanton A&P 3014593

Rick Stanton

SO#	09-14101	SILVERHAWK AVIATION INC.			DATE	05/13/09
19	REG. N186CA	Lincoln Municipal Airport [LNK]			HOUR	1862.42
MAKE	Piper	MODEL	PA32R-301			
		SERIAL NO.	32R-8013046			

1. I certify that the Altimeter, Static and ATC Transponder system tests required by FAR 91.411 and 91.413 were performed and found to meet the accuracy requirements of FAR Part 43 appendix E and F. The Altimeter was functionally tested to 20,000 feet.

	P/N	S/N
Altimeter:	5934P-1	111189
Transponder:	KT-76A	17741
Encoder:	SSD120-30A	A48450

2. Excessive static leak rate. Traced leak to a loose coupling at a 4 way union fitting. Tightened coupling, static leak rate with in specifications.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 09-14101 Date 05-13-09

Signed *Scott S. L.* For
Silverhawk Aviation Inc. CRS# YQSA759U
Lincoln, NE 68524

MAINTENANCE

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2455858	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 940970	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number
1	SHELL POLI	D5950-1	N/A	1	N/A
12. Status/Work New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 10819					
14. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13			15. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
16. Authorized Signature: 		17. Approval/Authorization No.: ODA-100129-CE		18. Date (m/d/y): JUL/20/2009	
19. Name (Typed or Printed): THERESA A. MAVEE		20. Authorized Signature:		21. Approval/Certificate No.:	
22. Name (Typed or Printed):		23. Date (m/d/y):			
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					
FAA Form 8130-3 (6-01)		* Installer must cross-check eligibility with applicable technical data.		NSN: 6052-00-012-9005	

and is approved for return to service as airworthy.

For,

C. CRS# YQSR759U

DATE	07/21/09
TACH	1905.22

32R-8013046

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

SO#	09-14492	SILVERHAWK AVIATION INC.				DATE	10/12/09
REG.	N186CA	Lincoln Municipal Airport [LNK]				ACTT	4747.6
MAKE	Piper	MODEL	PA32R-301	SERIAL NO.	32R8013046	TACH	1936.09

- Completed Annual Inspection in accordance with Piper PA32R301/301T maintenance manual checklist Ch. 5-20.
- Removed fire extinguisher for annual weigh. Re-installed fire extinguisher after reweigh with new mount bracket. Sublet Service - SERVICE EXTINGUISHER - Jacobsen Fire Equipment.
- Inspected ELT in accordance with 14CFR91.207 sec 1-4. No defects noted.
- Replaced left aileron rod ends with new P/N 452-335 and P/N 452-336.
- Replaced right aileron rod ends with new P/N 452-335 and P/N 452-336.
- Replaced left wing INBD fuel sender gasket with new P/N 755-049 after defueling. Refueled, and leak check good.
- Replaced right INBD wing fuel sender gasket with new P/N 755-049, leak check good.
- Removed pilot's shoulder harness that was frayed for repair. Reinstalled pilot's shoulder harness after repair. Harness was repaired by Pacific Scientific's Work Order # 11262, dated Oct. 9, 2009.
- Removed loose piece of heat exchanger baffle, no further action necessary.
- Replaced right main landing gear retract linkage eyebolt bushing with new P/N 67026-12.
- Removed and replaced one each loose bushing, P/N 95061-133, one each bearing, P/N 452-822, and one each drag link fitting, P/N 02570-002, at right-hand aft connection for nose gear retract linkage. Tightened left-hand aft connection that was loose.
- Removed and replaced worn nose gear trunnion bushings, P/N 67026-011, four each, and bolts, P/N 400-279, two each, to remove play.
- Replaced right main landing gear bearings with new, P/N 452-575.
- Removed and replaced shimmy dampener bearing, P/N 452-379, to eliminate play.
- Replaced main landing gear upper torque link bushings, P/N 67026-007, and bolts, P/N 691-316, with new.

SO#	09-14492	SILVERHAWK AVIATION INC.				DATE	10/12/09
REG.	N186CA	Lincoln Municipal Airport [LNK]				ACTT	4747.6
MAKE	Piper	MODEL	PA32R-301	SERIAL NO.	32R8013046	TACH	1936.09

16. Replaced Brackett air filter with new PA32R-301

16. Replaced Brackett air filter with new, P/N BA-3.
17. Removed and replaced B3-5-1 filter.
18. Removed nose gear door assembly and removed hinges from right door. Replace with P/Ns 38070-04, 189310, and 38076-05. Installed new rivets on door hinges to eliminate loose rivets.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with a/an Annual inspection as per 14 CFR 91.409 A and was determined to be in an airworthy condition.
 Dated 10/12/09 W.O. 09-14492 Signed [Signature]
 Silverhawk Aviation Inc. CRS # YQSR759U
 Lincoln, NE 68524

Page 2 OF 2

SO#	10-15120	SILVERHAWK AVIATION INC.			DATE	06/18/10
REG.	N186CA	Lincoln Municipal Airport [LNK]			TACH	1973.59
MAKE	Piper	MODEL	PA32R-301	SERIAL NO.	32R-8013046	

Maintenance Record

1. Landing gear will not retract in flight when gear selector is selected up, gear in transit light comes on and the 3 green down lock lights stay on. Tested with air pressure on the auto extend system and tested with the auto-extend override engaged and could not duplicate in shop. Owner elects to take as is.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 10-15120 Date 06/18/10

Signed: [Signature] for
 Silverhawk Aviation Inc. CRS# YQSR759U
 Lincoln, NE 68524

SO#	10-15120	SILVERHAWK AVIATION INC.			DATE	06/18/10
REG.	N186CA	Lincoln Municipal Airport [LNK]			TACH	1973.59
MAKE	Piper	MODEL	PA32R-301	SERIAL NO.	32R-8013046	

Maintenance Record

1. Jacked aircraft and performed retract tests one using shop air to activate auto extend diaphragm: 6 retraction/extension cycles with auto extend system disabled. Test flight performed with pilot and auto extend off and on performed gear cycles in air during flight. Ops check normal. Could not duplicate in shop. Owner elects to take as is.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 10-15120 Date 06/18/10

Signed: [Signature] for
 Silverhawk Aviation Inc. CRS# YQSR759U
 Lincoln, NE 68524

MAINTENANCE RELEASE

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2892261	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218		5. Work Order/Contract/Invoice Number: 1051842			
6. Item: 1	7. Description: PULLEY	8. Part Number: MS20220-1	9. Eligibility: N/A	10. Quantity: 1	11. Serial/Batch Number: N/A
12. Status/Work: New					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 13208					
14. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.					
15. Authorized Signature: <i>Kenneth E. Wysocki</i> 16. Approval/Authorization No.: ODA-100129-CE 17. Name (Typed or Printed): KENNETH E. WYSOCKI SR. 18. Date (m/d/y): OCT/13/2010 19. Date (m/d/y): 20. Authorized Signature: 21. Approval/Certificate No.: 22. Name (Typed or Printed): 23. Date (m/d/y):					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (6-01) * Installer must cross check eligibility with applicable technical data.					

19. Defueled left wing and removed outboard tank fuel sender. Replaced outboard fuel sender gasket with new P/N 755-049 and reinstalled fuel sender. Topped off tanks to check for leaks. No leaks noted at this time.
20. Fabricated and installed one each new usable fuel sticker for left tank.
21. Stop drilled left wing rib at down lock stud upper nut.
22. Inspected left wing trailing edge dent and determined to be airworthy at this time. No further action taken.
23. Removed and replaced two each worn out and damaged lower cowl grommets P/N 69790-000 and snap rings P/N 484-840.

DATE	10/20/10
TACH	2005.97
ACTT	4817.48

ence manual CH 5-21-00. Engine run and found no discrepancies at this time. serviced cabin fire extinguisher. d penetration of witness hole does not ther action taken at this time.

Complied with ELT inspection in ime.

1B. P/N MS24566-1B.

3-349. Installed correct missing screw and Scotch weld DP-100 epoxy.

002 for aft facing cabin seats. selage walls.

maintenance manual.

bracket and outbound left hand wing rib. nance manual.

SO#	10-15406	SILVERHAWK AVIATION INC.	DATE	10/20/10
REG.	N186CA	Lincoln Municipal Airport [LNK]	TACH	2005.97
MAKE	Piper	MODEL PA32R-301	SERIAL NO.	32R-8013046
			ACTT	4817.48

24. Removed and replaced induction air filter P/N BA3.
25. Troubleshoot right wing leaking and found right tank interconnect tube leaking fuel at rubber junction. Tightened down hose clamp. No leaks noted at this time.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 A and was determined to be in an Airworthy condition.

Dated 10/20/10 W.O. 10-15406

Signed *[Signature]*
Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln NE 68524

Page 2 of 2

SO#	11-16051		SI
REG.	N186CA		Lin
MAKE	Piper	MODEL	I
		SERIAL NO.	3

1. I certify that the Altimeter, Static and ATC Tr and found to meet the accuracy requirements o 20,000 feet.

Altimeter: P/N
Transponder: 5934P-1
Encoder: KT-76A
SSD120-30/

The work identified above was repaired and inspected in accord Pertinent details of the repair are on file at this agency under wo

ALTITUDE CORRECTION CARD					
PILOTS ALTIMETER				A/C Tail Number	
P/N: 5934P-1				N186CA	
S/N: 111189					
Altitude	Reading	Altitude	Reading	Altitude	Reading
-1,000	-1,000	6,000	6,010	22,000	X
0	-10	8,000	8,020	25,000	X
500	500	10,000	10,020	30,000	X
1,000	1,000	12,000	12,020	35,000	X
1,500	1,500	14,000	14,020	40,000	X
2,000	2,000	16,000	16,020	45,000	X
3,000	3,000	18,000	18,040	50,000	X
4,000	4,000	20,000	20,040		
Silverhawk Aviation Inc.				Certificate #: YQSR759U	
				Signature: <i>[Signature]</i>	

MAINTENANCE RELEASE

SO#	12-17029	SILVERHAWK AVIATION INC.			DATE	05/03/12
REG.	N186CA	Lincoln Municipal Airport [LNK]			TACH	2065.0
MAKE	Piper	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	

Maintenance Record

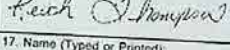
- Could not duplicate discrepancy, power present at AFT plug. Inspected power plug, found 3 wires with broken strands. Repaired wire terminations with new socket connectors referencing AC43.13-1B seat 11-100 AFT avionics powers up on ground power.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 12-17029 Date 5/3/12

Signed:  For,

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

DATE

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number 3349465	
4. Organization Name and Address Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number 1160090	
6. Item 4 LAMP	7. Description	8. Part Number 34-0428020-65	9. Eligibility N/A	10. Quantity 1	11. Serial/Batch Number N/A
12. Status/Work New					
13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 15877					
14. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.			15. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work the items are approved for return to service.		
15. Authorized Signature 		16. Approval/Authorization No. ODA-100129-CE		17. Authorized Signature	
17. Name (Typed or Printed): KEITH THOMPSON		18. Date (m/d/y): JAN/12/2012		19. Approval/Certificate No.	
20. Name (Typed or Printed):		21. Date (m/d/y):		22. Name (Typed or Printed):	
23. Date (m/d/y):		24. Name (Typed or Printed):		25. Date (m/d/y):	

7. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
8. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.
9. FAA Form 8130-3 (8-01) * Installer must cross-check eligibility with applicable technical data.

10. Removed and replaced worn through seat tubing. Maintenance Manual chapter 71.
11. Removed leaking landing gear fittings below aft leaking seats and cleaned and inspected fittings for damage. Re-installed fittings using Loctite 567 thread sealant. Leak check good. Bled hydraulic system and serviced reservoir.
12. Treated corrosion on both rear spar attach points with ACF 50.

Page 1 of 2

PH. (204) 668-3234

T. APPROVAL # AMO# 110-90

No. 12DR12128A

g. 1980

SHOP CHECK ☐

accordance with the applicable

RELEASE

MAINTENANCE

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				

SO#	12-17635	SILVERHAWK AVIATION INC.		DATE	03/26/13
REG.	N186CA	Lincoln Municipal Airport [LNK]		TACH	2075.11
MAKE	Piper	MODEL	PA32R-301	SERIAL NO.	32R-8013046
				ACTT	4886.62

13. Inspected right fuel tank sump fitting to verify if cracked and found it to be cracked. Sent tank out for repair. Repair done by Hartwig Aircraft Fuel Cell Repair DOT # AM0110-90 on Feb 8, 2013 under work order 20130142. Installed repaired fuel tank per Piper PA32R-301 MM chp 28-10. Leak check good.
14. Disassembled leaking hand break and resealed it using one each P/N MS28775-012 o-ring, P/N 494-062 Dyna-seal, P/N MS28775-113 o-ring, and P/N MS28775-114 o-ring. Reinstalled hand brake and bled system using MIL-H-5606 fluid. Leak check and operations check good. Referencing PA32R-301 maintenance manual chapter 32-40-00.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an Airworthy condition.

Dated 03/26/13 W.O. 12-17635

Signed [Signature]

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Page 2 of 2

SO#	14-19000	SILVERHAWK AVIATION INC.		DATE	April 08, 2014
REG.	N186CA	Lincoln Municipal Airport [LNK]		TACH	2084.77
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046
				ACTT	4896.28

Maintenance Record

1. Complied with Annual Inspection reference the Piper PA-32R-301/301T Maintenance Manual Chapter 5-20-00.
2. Complied with 12 month/annual ELT inspection/check. ELT P/N. ELT 10, S/N. 73244 with no discrepancies noted reference Title 14 CFR Part 91.207 Paragraph (d) items 1-4. ELT battery date January/2015.
3. Complied with 12 month main aircraft battery capacity check; battery passed at 83% with no discrepancies noted reference the Concorde Battery Owner/Operator Maintenance Manual.
4. Installed new airframe mounted induction air filter P/N. BA-3 reference the manufactures instructions.
5. Installed new vacuum regulator filter P/N. B3-5-1 reference the manufactures Parker Air Filter Installation Instructions.
6. Complied with 12 month portable carry-on cabin/crew fire extinguisher P/N. B385, S/N. W-494150 inspection weight check with no discrepancies noted see extinguisher data tag for details.
7. Installed new #1 cylinder exhaust riser P/N. A38137-04, S/N. 32598 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 78-00-00.
8. Installed overhauled top exhaust heat exchanger P/N. 38159-02, S/N. 157757 see FAA form 8130-3 No. 157757 dated April 2, 2014 and Overhauled bottom heat exchanger shroud P/N. 38162-06, S/N. 157758 see FAA form 8130-3 No. 157758 dated April 2, 2014 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 78-00-00.
9. Installed new forward exhaust muffler P/N. A67517-00, S/N. 32907 see FAA form 8130-3 No. 14040201D dated April 2, 2014 and new right exhaust riser P/N. A38137-05, S/N. 32607 see FAA form 8130-3 No. 14040202D dated April 2, 2014 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 78-00-00.
10. Installed six (6) each new exhaust gaskets P/N. 77611 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 78-00-00.
11. Installed new left aft engine cylinder baffle P/N. 68029-009 below oil cooler and installed new nut plug P/N. 65614 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 71-00-00.
12. Installed new fuel drain cover P/N. 65461-019 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 53.
13. Installed "Overhauled" main hydraulic power pack P/N. HYC5005, S/N. AH-11243 see FAA form 8130-3 tracking number 134105 Aerospace Turbine Rotables Inc. dated January 24, 2014 for details and serviced. Installed new hydraulic manifold O-rings P/N. MS28775-012. Operational check good with no leaks noted at this time. Reference the Piper PA-32R-301/301T Maintenance Manual Chapter 29 and Chapter 32.

Page 1 of 2

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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14. Removed right main landing gear tire P/N. 30845, S/N. B3E60204. Installed new right main landing gear tire P/N. 30845, S/N. B3E6031 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 32-40-00.
15. Installed new nose wheel axle nut safety pin P/N. MS20392-1C19 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 32-00-00.
16. Installed new upper aft stabilator pulley P/N. 481-799 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 27-30-00.
17. Installed new nose wheel bearing grease felt P/N. 754-856 reference the Piper PA-32R-301/301T Maintenance Manual Chapter 32-40-00.
18. Complied with A.D. 2013-02-13 amendment 39-17334 effective date March 11, 2013 (Initial) Inspection of Stabilator Control System. No discrepancies noted at this time. Reference Piper Mandatory SB1245A dated November 28, 2012. Next due 2000 hours 4084.77 TACH time or 7 calendar years whichever occurs first.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an Airworthy condition.

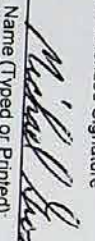
Dated: April 08, 2014 W.O. 14-19000

Signed: 

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

ASE CERTIFICATE THINNESS APPROVAL TAG		3. Form Tracking Number. 56840	
9. Qty.: 1		10. Serial Number: 17741	
11. Status/Work: REPAIRED		5. Work Order/Contract/Invoice Number: 56840-1	

WORK PERFORMED:
ORDANCE WITH THE PROCEDURES CONTAINED IN BENDIX /

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		14b. Authorized Signature 		14c. Approval Certificate No.: CRS KG2R951K	
14d. Name (Typed or Printed): MICHAEL GROS		14e. Date (dd/mm/yyyy): 14/AUG/2014			

SO#	14-1945
REG.	N186C
MAKE	PIPER

1. Maintenance
Removed trans
Installed "Repa
number 56840,
Reference the
The work identified above
Pertinent details of the rep

Responsibilities

automatically constitute authority to install the aircraft engine/propeller/article.

DAT

19

SO#	16-21358	SILVERHAWK AVIATION INC.				DATE	February 10, 2016
REG.	N186CA	Lincoln Municipal Airport [LNK]				TACH	2107.03
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	ACTT	4918.54

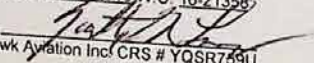
Maintenance Record Airframe

Maintenance Record Airframe

1. Complied with Annual Inspection reference the Piper PA-32R-301/301T Maintenance Manual Chapter 5-20-00.
2. Repaired broken splices at lamp and cowl connection for landing light ref Piper PA32R-301/301T MM chp 33-40-00.
3. Removed and replaced Brackett air filter P/N BA-3. Work done ref Piper PA32R-301/301T MM chp 12-20-00.
4. Complied with 12 month fire extinguisher inspection. Fire extinguisher P/N B385 S/N W494150 with no discrepancies noted; see data tag on extinguisher for details.
5. Complied with 12 month battery capacity check. Battery P/N RG-35AXC S/N 40451540 passed at 93%. Work done ref Concorde MM Doc No 5-0171 Rev M dated March 15, 2012.
6. Removed ELT antenna. Removed corrosion. Applied green zinc oxide primer P/N A-702 and then top coated with gray primer P/N 780.414. Reinstalled antenna and edge sealed with black RTV732. No discrepancies noted at this time. Work done ref Piper PA32R-301/301T MM chp 23-20-00.
7. Performed minor repair to aft seat deck delaminated areas with structural adhesive P/N U000701. Work done ref Piper PA32R-301/301T MM chp 51-00-00.
8. Complied with 12 month ELT inspection. Operational check of ELT P/N TSOC91 S/N 73244 was good. Battery due April 2017. Ref Title 14 CFR 91.207 para D items 1-4 and Piper PA32R-301/301T MM chp 25-60-00.
9. Adjusted aileron bell crank stops travel. Work done ref Piper PA32R-301/301T MM chp 27-10-00.
10. Removed breather. Shortened hose to allow re-routing down the left side. No discrepancies at this time. Work done ref Piper PA32R-301/301T MM chp 71-00-00.
11. Removed and replaced instrument air intake filter P/N AAD9-18-1. Work done ref Piper PA32R-301/301T MM chp 12-20-00.
12. Replaced vacuum regulator filter P/N B3-5-1 ref Piper PA32R-301/301T MM chp 12-20-00.
13. Complied with A.D. 95-26-13 Amendment 39-9472 effective date February 5, 1996; 8 year oil cooler line replacement paragraph B. Removed oil lines and replaced with new Type D lines P/N AE3663162H0260 and P/N AE3663163H0170. No discrepancies note at this time. Next due Feb 2024 or 3107.03 hours TT.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an Airworthy condition.

Dated: February 10, 2016 W.O. 16-21358

Signed: 
Silverhawk Aviation Inc. CRS # YQSR759U

SO#	16-21838	SILVERHAWK AVIATION INC.			DATE	June 02, 2016
REG.	N186CA	Lincoln Municipal Airport [LNK]			TACH	2110.56
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	

Maintenance Record Airframe

1. Troubleshoot right main landing gear down lock light staying on to right down lock hook not fully engaging pin. Adjusted right main landing gear down lock hook referencing Piper PA-32R-301 Maintenance Manual Chapter 32-10-00. Cycled gear with no discrepancies noted at this time.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 16-21838 Date: June 02, 2016.

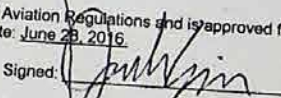
Signed:  For,
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

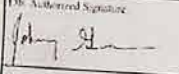
SO#	16-21940	SILVERHAWK AVIATION INC.			DATE	06/28/16
REG.	N186CA	Lincoln Municipal Airport [LNK]			TACH	2123.1
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	

Maintenance Record Airframe

1. Verified proper operation of charging system. Troubleshoot inoperable ammeter to loose connections at ammeter. Removed, cleaned and re-installed wire terminals at ammeter referencing PA32R-301 Maintenance Manual Chapter 24-30-00. Ops check good.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 16-21940 Date: June 28, 2016.

Signed:  For,
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

1. Approving Civil Aviation Authority/Country: FAA/United States		2. Form Tracking Number: 5132414	
3. Form Title: AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215			
5. Work Order Contract Invoice Number: 2301236		6. Item: 10	
7. Description: TUBE 6.00-6 TR20/STR	8. Part Number: 092-500-0	9. Quantity: 1	10. Serial Number: N/A
11. Status/Work: New		12. Remarks: AUTHORIZED RELEASE DOCUMENT	
13. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation ☐ Nonapproved design data specified in Block 12.			
14. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature: 		16. Approval Authorization No.: PC4	
17. Name (Typed or Printed): JOHNNY GLOVER		18. Date (dd/mm/yyyy): 16/Jun/2016	
19. User/Installer Responsibilities: It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s) article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13 and 14 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14)			

Name Bogue
Nome D.
Tubes Quality Assurance Manager
Responsabile Garanzia Qualità camera

IST_153_PLE
Edizione del

DATE	07/08/16
TACH	2125.02

Manual

to service as airworthy.

DATE	07/14/16
TACH	2125.8

s and found 19.5
P/N 7270-5-20 and
er 39-40-00.

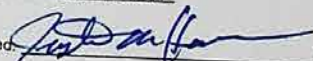
service as airworthy.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
10				Entries must be endorsed with Name, Rating and Certificate Number of
SO#	17-22878	SILVERHAWK AVIATION INC.		
REG.	N186CA	Lincoln Municipal Airport [LNK]		
MAKE	PIPER	MODEL	PA-32R-301	
		SERIAL NO.	32R-8013046	
		DATE	01/MAR/2017	
		TACH	2146.12	
		ACTT	4957.63	

Maintenance Record Airframe

1. Performed a minor alteration to the existing aft equipment DC power provision; installed a new power relay for the aft camera equipment. Reference AC43.13-1B Chapter 11 and AC43.13-2B Chapter 1.
2. A new relay P/N 6041H298 and 50 amp circuit breaker P/N 5TC7-50 were installed at the lower center stack.
3. Removed circuit breaker switch and installed a 50 amp power breaker P/N 5TC7-50 on the auxiliary power panel.
4. Installed a new relay control switch P/N MS24523-24 on the auxiliary power panel.
5. Mounted a new power relay P/N 6041H298 on the aft AV bag shelf.
6. Removed existing auxiliary power line from circuit breaker switch location and routed back to auxiliary power relay utilizing existing wire harnesses.
7. Routed new auxiliary power supply line from the 50 amp circuit breaker to post A3 on the power control relay.
8. Routed a relay control line from the auxiliary power panel to post X2 on the relay.
9. Mounted a new control switch for the auxiliary power control switch for the auxiliary power control relay to the auxiliary power panel.
10. Fabricated a power jumper for the relay and attached to posts A3 and X1 on the control relay.
11. Fabricated a diode jumper for the power control relay and attached to post X1 and X2.
12. Routed a control ground wire from the relay control switch to an existing ground point beneath the co-pilots panel.
13. Relay functions normally on ground power.
14. Performed DC aft equipment power provision operational function check with no discrepancies noted at this time.

The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 17-22878 Date: March 01, 2017

Signed:  For,
Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

SO#	17-22860	SILVERHAWK AVIATION INC.		DATE	02/MAR/2017
REG.	N186CA	Lincoln Municipal Airport [LNK]		TACH	2146.12
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046
				ACTT	4957.6

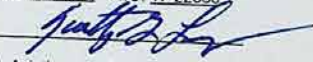
Maintenance Record Airframe

- Complied with Annual Inspection reference the Piper PA-32R-301/301T Maintenance Manual Chapter 5-20-00.
- Performed capacity check on battery P/N RG-35AXC, passed at 81%. Installed battery. Work done referencing Concorde Document No. 5-0324.
- Complied with 12 month fire extinguisher P/N B385 S/N W-494150 was approved for continued service. Re-installed fire extinguisher to aircraft. Work done referencing Piper PA-32R-301 Saratoga Maintenance Manual, Chapter 26-20-00.
- Complied with 200 hour / 12 month Brackett Air filter change. Removed old filter. Installed new Brackett Air Filter P/N BA-3.
- Work accomplished referencing Brackett Air Filter Document No. I-194 Inspection Procedures.
- Removed aircraft ELT. Removed ELT battery P/N BP-1010. Installed new battery P/N BP-1010. Complied with 12 month ELT inspection. Operational check of ELT P/N ELT10 S/N 73244 good, with no discrepancies noted. Reference Title 14 CFR Part 91.207 Paragraph (d), Items 1-4 and Piper PA PA-32R-301 Maintenance Manual, Chapter 23-20-00 Battery Exp: MAY 2019.
- Complied with 12 month LoPresti wing tip ICA. No discrepancies noted at this time. Work done referencing LoPresti Speed Merchants Continuing Airworthiness for LoPresti Ziptips.
- Complied with 12 month LoPresti Speed Splitter ICA. No discrepancies noted at this time. Work done referencing LoPresti Speed Merchants Continuing Airworthiness for LoPresti Speed Spats & Speed Splitters.
- Complied with 12 month LoPresti Speed Spats ICA. No discrepancies noted at this time. Work done referencing LoPresti Speed Merchants Continuing Airworthiness for LoPresti Speed Spats & Speed Splitters.
- Complied with 12 month LoPresti Speed Seal Kit ICA. No discrepancies noted at this time. Work done referencing LoPresti Speed Merchants Continuing Airworthiness for LoPresti Speed Spats & Speed Splitters.
- Complied with 12 month LoPresti Wheel Hub Caps ICA. No discrepancies noted at this time. Work done referencing LoPresti Continuing Airworthiness for LoPresti Wheel Hub Caps.
- Complied with 12 month McCauley Propeller ICA. No discrepancies noted at this time. Work done referencing McCauley Owner/Operator Informational Manual No. MPC26-04, Rev 4, Dated 19 OCT 2015.
- Complied with 100 hour / 12 month vacuum regulator filter replacement by installing new P/N B3-5-1 filter. Work done referencing Airborne Service Letter No. 59.
- Removed damaged hose from cabin heat exchanger. Installed new hose P/N SCAT12. Work done referencing Piper PA-32R-301 Saratoga Maintenance Manual, Chapter 21-40-00.

Page 1 of 2

- Removed right hand brake shoes during inspection found pressure plate very corroded. Removed pressure plate from service. Installed new plate P/N 06301100 with new pins P/N 177-00300 x 4. Installed new brake linings P/N 066-06200 x 4 to brake shoes. Re-installed brakes to aircraft. Work done referencing Cleveland Wheels & Brakes Component Maintenance Manual, Section 300 off aircraft maintenance.
 - Replaced Adel clamp on air / oil separator P/N MS21919WDG10. Work done referencing Piper PA-32R-301 Saratoga Maintenance Manual, Chapter 70-00-00.
 - Removed damaged end of cabin heat outlet duct and re-installed. Work done referencing Piper PA-32R-301 Saratoga Maintenance Manual, Chapter 21-40-00.
 - Performed minor repair to right aft baffle at oil cooler referencing AC 43.13-1B, Chapter 4, Section 4, Paragraph 4-57.
 - Removed alternator P/N ALY-6521R S/N E121960 and installed new National Air Parts 100 amp alternator P/N P312R S/N P004175. Replaced 6 gauge wire with 4 gauge P/N M22759/16-4-9. Work done referencing Install Manual AI-1, Rev 8 and AC 43.13-1A, CH 11, Section 4 and 5. See Field Approved FAA Form 337 dated March 02, 2017 for details.
 - Removed leaking right fuel intake drain. Installed new drain P/N 492-091. Work done referencing Piper PA-32R-301 Saratoga Maintenance Manual, Chapter 71-00-00.
 - Installed Electronics International digital volt / ammeter P/N VA-1A-50 with new shunt P/N S-50 referencing Install Instructions No. II 040934 Rev C dated 24 FEB 1992 under STC SA2693NM. See FAA Form 337 dated March 02, 2017 for details.
- I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated: March 02, 2017 W.O. 17-22860

Signed: 

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Page 2 of 2

ALTITUDE CORRECTION CARD PILOTS ALTIMETER

P/N: 5934P-1

S/N: 111189

A/C Tail Number
N186CA

Altitude	Reading	Altitude	Reading	Altitude	Reading
-1,000	-1,000	6,000	6,020	22,000	X
0	-10	8,000	8,020	25,000	X
500	500	10,000	10,020	30,000	X
1,000	1,000	12,000	12,020	35,000	X
1,500	1,500	14,000	14,010	40,000	X
2,000	2,000	16,000	16,000	45,000	X
3,000	3,000	18,000	18,040	50,000	X
4,000	4,000	20,000	20,060		

Silverhawk
Aviation Inc.

Certificate #: YQSR759U
Signature:

Mar 1 2017
[Signature]

INC.	DATE	03-01-17
[LNK]	HOUR	2146.12

uired by FAR 91.411 and 91.413 were performed
ind F. The Altimeter was functionally tested to

Regulations and is approved for return to service as airworthy.
Mar. 1 2017

[Signature] For,
Silverhawk Aviation Inc. CRS# YQSR759U
NE 68524

SO#	17-24073	SILVERHAWK AVIATION INC.		DATE	10/25/17
REG.	N186CA	Lincoln Municipal Airport [LNK]		TACH	2173.8
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046

Maintenance Record Airframe

1. Troubleshoot inoperative park brake. Found hydraulic fluid leaking from park brake master cylinder. Removed park brake master cylinder from aircraft. Disassembled master cylinder and removed old o-rings. Installed three (3) each new o-rings P/N. MS28775-113, P/N. MS28775-114 and P/N. MS28775-012. Reassembled master cylinder and reinstalled in aircraft. Serviced and bled breaks with no leaks or further discrepancies noted at this time. Reference the Piper PA-32R-301 Maintenance Manual, Chapter 32-40-00, Pages 32-60 through 32-63 and Page 13 through 14.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 17-24073 Date: October 25, 2017.

Signed: *[Signature]* for
Silverhawk Aviation, Inc. CRS# YQSR759U
Lincoln, NE 68524



402 254 7316

Date	N#	Tach.	Total Time	Make/Model	S/N
6/1/18	186CA	2174.91	4986.42	PA-32R-301	32R-8013046

56395 881 RD Hartington NE, 68739
Jacked A/C lube wheel bearings, lube flight control rod ends and hinges, performed gear retraction and warning horn test, check OK, service gear hydraulic fluid, service brake fluid, repair short in stall warning horn, CW AD 76-07-02 ignition switch, CW AD 93-05-10 nose landing gear, CW FAR 91.207 ELT test battery due 3/19
THE AIRCRAFT IDENTIFIED ABOVE HAS BEEN INSP I/A/W AC 43-13 APPENDIX [D] ANNUAL inspection AND WAS APPROVED FOR RETURN SERVICE.

Signed *[Signature]* 3682496JA

ALTITUDE CORRECTION CARD PILOTS ALTIMETER

P/N: 5934P-1

S/N:111189

A/C Tail Number

N186CA

Altitude	Reading	Altitude	Reading	Altitude	Reading
-1,000	-1,000	6,000	5,980	22,000	X
0	0	8,000	7,970	25,000	X
500	500	10,000	9,970	30,000	X
1,000	1,000	12,000	11,980	35,000	X
1,500	1,500	14,000	13,980	40,000	X
2,000	2,000	16,000	15,980	45,000	X
3,000	3,000	18,000	17,970	50,000	X
4,000	4,000	20,000	19,890		

Silverhawk
Aviation Inc.

Certificate # YQSR759U

Signature: 

DATE	03/13/19
HOUR	2216.46

by FAR 91.411 and 91.413 were performed
The Altimeter was functionally tested to

is and is approved for return to service as airworthy.

Chris Hendrix
n Inc. CRS# YQSR759U For,

SO#	19-26726	SILVERHAWK AVIATION INC.		DATE	03/29/19
REG.	N186CA	Lincoln Municipal Airport [LNK]		TACH	2216.4
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046
				ACTT	5027.9

Maintenance Record Airframe

1. Complied with Annual Inspection reference the Piper PA-32R-301/301T Maintenance Manual Chapter 5-20-00.
2. Complied with 12 month main battery capacity test. Battery P/N RG-35AXC S/N 40451540 failed first test at 58%. Condition charged battery and retested with a fail at 67%. Removed battery from service. Installed new battery P/N RG-35AXC S/N 40982716 to aircraft. Reference Concorde RG-Series Main Aircraft Battery Maintenance Manual #5-0171 and Piper PA-32R-301 MM, Ch. 24-30-00.
3. Complied with 12 month ELT inspection and battery replacement p/n BP1010. Installed new battery p/n BP1010. Completed operational check of ELT p/n T50C91 s/n 73244 with no discrepancies noted. Ref. Title 14 CFR Part 91.207 Paragraph (d), Items 1-4 and Piper MM, Ch. 23-20.
4. Complied with 12 month fire extinguisher inspection PN: B385 SN:W-494150. No discrepancies noted at this time. Next due 03-2020. Reference Piper PA32R-301 MM, Ch. 5.
5. Complied with vacuum central air filter replacement, next due 03-2020. Removed p/n D9-18-1 installed new p/n D9-18-1 reference Piper PA32R-301 MM, Ch. 37-10-00.
6. Removed vacuum regulator filter p/n B3-5-1, installed new p/n B3-5-1, complying with 12 month/100hour change. Next due 5127.94 or 03-2020. Reference Piper PA32R-301 MM, Ch. 37-10-00.
7. Removed old induction air filter. Installed new filter element p/n BA-3. Reference Doc. No. 6485688.
8. Complied with 12 month Horizon Instruments P-1000 Digital Tach ICA STC SA5843NM with no discrepancies noted at this time. Next due 03-2020. Reference P1000 MM, Pg. 19.
9. Complied with 12 month STC SA2698NM. No discrepancies noted at this time. Reference Volts/Amps OI041032 and I1040934 Operating and Installation Instructions.
10. Complied with 12 month National Air Parts, Inc. ICA inspection requirements; operational and function check good with no discrepancies noted at this time. Next inspection due 12 calendar months.
11. Complied with 12 month Lopresti Wing Tips ICA STC SA01675AT in reference to Lopresti Speed Merchants Manual, Doc. LSM-500-03. No discrepancies noted at this time. Next inspection due 12 calendar months.
12. Complied with 12 month Lopresti Speed Splitter ICA STC SA00029AT with o discrepancies noted at this time. Reference Lopresti STC SA 00029AT. Next inspection due 12 calendar months.
13. Complied with Lopresti Speed Spat 12 month ICA STC SA325450 with no discrepancies noted at this time. Next due 12 calendar months.

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SO#	19-26726	SILVERHAWK AVIATION INC.				DATE	03/29/19
REG.	N186CA	Lincoln Municipal Airport [LNK]				TACH	2216.4
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	ACTT	5027.9

14. Complied with 12 month Lopresti Speed See Unit 104-200

14. Complied with 12 month Lopresti Speed Seal kit ICA STC SA00059AT. No discrepancies noted at this time. Reference Lopresti Continuing Air Worthiness for STC SA00059AT. Next inspection due 12 calendar months.
15. Complied with 12 month Lopresti Wheel Hub Caps ICA STC SA01224AT. No discrepancies noted at this time. Next due inspection 12 calendar months.
16. Complied with 12 month Garmin GN15430W ICA. No discrepancies noted at this time. Reference 400W Series Doc. No. 190-00356-65, Rev. B. Next inspection due 12 calendar months.
17. Complied with A.D. 2015-19-07 inspection of fuel injection lines. No discrepancies noted at this time. Reference 14 CFR part 39 docket No. FAA-2007-0218; Directory ID. 92-ANE-56-AD; Amendment 39-18269.
18. Complied with A.D. 2017-14-04, dated 08-15-2017 Amendment # 39-18948 Paragraph (J) #3. Visual inspection. A.D. has been complied with and no further actions are required, AD terminated. Reference A.D.2017-14-04 paragraph (J) #3.
19. Removed incorrect oil cooler bolt. Installed bolt spacer p/n 8671000-007 and correct bolt p/n AN3-364. Reference Piper MM, Chapter 75-30.
20. Removed bolt and shock mount. Inspected for damage, no discrepancies found at this time. Reinstalled shock mount and bolt. Reference Piper 32R-301 Maintenance Manual Chapter 71-8.
21. Serviced brake reservoir with 5606 reference Piper PA32 R-301 MM, Ch. 12-10-00.
22. Troubleshoot fuel stains under right wing to over tightened clamps and deteriorated hose between outboard and inboard fuel cells. Removed old hose, performed swedging to supply tube to straighten from over tightened clamp. Reinstalled tube using new hose P/N 63913-092 and new clamps P/N 654-047. Fueled right wing for leak check with no leaks noted at this time. Reference Piper PA-32R-301 MM, Ch. 28-10-00.
23. Removed torn fuel strainer O-ring p/n M529513-043 and installed new O-rings p/n M529513-043, PN: M529513-008. Reference Piper 32R-301 MM, Ch. 28-20-00.
24. Performed Piper Aircraft Service Publication Kit No. 765-199, Backup Landing Gear Extender-Removal, using kit P/N (765-199). Functional and operational checks of landing gear system completed with no further discrepancies noted at this time. Reference the Piper Aircraft Service Publication Kit No. 765-199 Modification Instructions.
25. Removed servo intake elbow clamp and installed new clamp p/n 555-846. Reference Piper PA32-301 MM, Ch. 71-00-00.

Page 2

SO#	19-26726	SILVERHAWK AVIATION INC.				DATE	03/29/19
REG.	N186CA	Lincoln Municipal Airport [LNK]				TACH	2216.4
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	ACTT	5027.9

26. Removed deteriorated Adel clamp and installed new

26. Removed deteriorated Adel clamp and installed new clamp to engine mount p/n MS21919WDG612 Reference Piper PA-32R-301 MM, Ch. 71-00-00.
27. Removed the leaking center and aft exhaust heat exchangers and right hand risers. Installed 2 new heat exchangers p/n a67517-0 s/n 73750 s/n 73740 and 2 new exhaust risers p/n K38137-07 s/n 267862 p/n K38137-06 s/n 68255. Functional and operational check of exhaust system completed with no further discrepancies noted at this time. Reference the Piper PA-32R-301 MM, Ch. 78-00-00.
28. Removed interior emergency gear extension placard. Fabricated new emergency gear extension placard and installed in aircraft.
29. Fabricated strobe light placard referencing POH, Section 2 and installed in plain view of pilot.
30. Troubleshoot inoperative gear warning to failed warning horn. Removed failed horn p/n 02054-3. Installed new horn p/n 565-288. Jacked aircraft and performed operational check of gear warning system with no further discrepancies. Reference Piper PA-32R-301T MM, Ch. 32-60-00.
31. Removed nose wheel right axle felt pad PN: 154-00600 and washers p/n 153-00800 and installed new p/n 154-00600 and p/n 153-00800. Reference Piper PA32R-301 MM, Ch. 32-20-00.
32. Removed incorrect stop bumper. Installed correct nose stop bumper p/n 37970-005 s/n 2125. Reference Piper 32R-301 MM, Ch. 32-20-00.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual inspection as per 14 CFR 91.409 (a)(1) and was determined to be in an airworthy condition.

Dated: March 29, 2019 W.O. 19-26726

Signed: Benjamin A. Taylor

Silverhawk Aviation Inc. CRS # YQSR759U
Lincoln, NE 68524

Page 3

SO#	19-27598	SILVERHAWK AVIATION INC.		DATE	07/18/19
REG.	N186CA	Lincoln Municipal Airport [LNK]		TACH	2216.7
MAKE	PIPER	MODEL	PA-32R-301	SERIAL NO.	32R-8013046

Maintenance Record Airframe

1. Troubleshoot alternator belt slipping. Removed top cowl. Found alternator belt loose and alternator tensioning bolt loose. Tensioned alternator belt and torqued tension adjustment bolt as required to obtain proper operation of alternator. Reinstalled top cowl. Aircraft ground run completed with no further discrepancies noted at this time. Reference the PA-32R-301 Maintenance Manual, Chapter 24-30-00.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 19-27598 Date: July 18, 2019

Signed: Kyle Stone *Kyle Stone* for

Silverhawk Aviation, Inc. CRS# YQSR759U
Lincoln, NE 68524

DATE

19

KLOVAIR L.L.C.

Box 277
Beatrice NE
68310

Phone-402-229-0240

DATE: 12/15/2019

T.T. 5042.41

or Tach Indication 2230.91

Airframe Inspection Performed in Accordance with Piper Maintenance Manual.

- | | | | | |
|------------------------------------|---|---|--|--|
| Checked Skin/ Fabric for condition | ☒ Cleanliness | ☒ Batteries | ☒ Seats & Safety Belts | ☒ Instrument |
| Windows & Windshields | ☒ Flight Controls | ☒ Tires | ☒ Brakes | ☒ Lights |
| Cleaned Sump Strainers | ☒ Fuel Systems | ☒ Electrical Systems | ☒ Static System | ☒ Landing Gear |
| Hydraulic Fluids | ☒ Pito Heat | ☒ Pulleys | ☒ Fairleads | ☒ Cables |
| Gear & Stall Warning Devices | ☒ Struts | ☒ Repacked Wheel Bearings | ☐ Other: _____ | |
| Lubricated Gear Fittings | ☒ Torque Tubes | | | |

Performed Landing Gear Retraction Test ☒

ELT Inspection performed in accordance with FAR 207 (d). ☒ **ELT Due: 3/2021**

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

Travis Klover,

Travis Klover

A&P No. **505139621** *IA*

At annual insp. C/W AD's 05-12-06 P.C.W. Due: 2330.91
93-05-10 by vrsnl insp. Due: 2330.91
13-02-13 inspected 3/11/2013 Due: 4084.77
17-14-04 by vrsnl insp. Due: 2330.91
76-07-12 Operational insp. Due: 2330.91

DATE

TOTAL
TIME IN

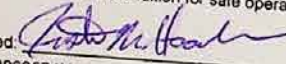
Reference of Major Repairs and Major Alterations To

		The Avionics Place, LLC			DATE	17/DEC/2019
REG.	N186CA	Beatrice Municipal Airport [KBIE]			TACH	2230.91
MAKE	Piper	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	

Maintenance Record Airframe

1. Removed Bendix King KT76A transponder P/N: 066-1062-00 S/N: 17741 and associated mounting rack from instrument panel radio stack F.S. 62.70
2. Installed new Garmin GTX345 transponder P/N: 011-03302-00 S/N: 3EG028963 into instrument panel radio stack at F.S. 62.70 using supplied mount and hardware Referencing Gamrin Part 23 AML STC installation Manual No. 190-00734-10-10 Revision 13 Dated September 2019.
3. The newly installed GTX345 is interfaced with existing Garmin GNS430W GPS/Nav/Com, for GPS position source, display of ADS-B traffic and weather, and fault annunciation.
4. Power is bussed from the existing avionics buss using and existing 3 amp circuit breaker.
5. Installation accomplished in accordance with AC 43.13-2B Chapters 3, 11, 12 Sections 201, 202, 203, 204, 205, 206, 207, 208, 209, 210 and reference to AC 43.13 chapter 4, 7, 11, 12, and Garmin Part 23 AML STC Installation Manual No. 190-00734-10 Revision 13 Dated September 2019.
6. Performed electrical load analysis the newly installed equipment does not exceed 80% Buss Capacity.
7. Performed functional tests referencing manufactures installation manual with satisfactory results, newly installed equipment does not interfere with existing equipment.
8. Weight and Balance: Updated aircraft weight and balance and equipment list to reflect newly installed equipment.
9. Flight Manual Supplement: Inserted Garmin GTX33X and GTX 3X5 Transponders with ADS-B, FAA Approved Airplane Flight Manual Supplement No. 190-00734-15 Rev. 4 Dated September 9, 2019 into aircraft flight manual. See this or later revision.
10. Instructions for Continued Airworthiness: Provided a copy of Garmin GTX33X and GTX3X5 Instructions for Continued Airworthiness, Part 23 AML STC Document No. 190-00734-11 Rev. 7 Dated September 9, 2019 in the aircraft permanent records. See this or later revision.

The work identified above was performed and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and was determined to be in condition for safe operation.

Signed: 
A&P2862574IA

LOVAIR L.L.C.

Phone-402-229-0240

T.T. 5049.10or Tach Indication 2237.60

Inspected in Accordance with Piper Maintenance Manual.

- | | | | | | | | |
|-----------|-------------------------------------|--------------------|-------------------------------------|-------------------------|-------------------------------------|--------------|-------------------------------------|
| Engine | ☒ | Batteries | ☒ | Seats & Safety Belts | ☒ | Instrument | ☒ |
| Controls | ☒ | Tires | ☒ | Brakes | ☒ | Lights | ☒ |
| Systems | ☒ | Electrical Systems | ☒ | Static System | ☒ | Landing Gear | ☒ |
| Pito Heat | ☒ | Fairleads | ☒ | Repacked Wheel Bearings | ☒ | Cables | ☒ |
| Pulleys | ☒ | Struts | ☒ | Other: | ☐ | Torque Tubes | ☒ |

with FAR 207 (d).

☒ **ELT Due:** 3/2023 TK.HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual AIRWORTHY CONDITION.JAW SR# 1245A Due 7 yrs. 200 hrs.A&P No. **505139621** IA

SO#	22-0008	Elevate Air Services LLC.				DATE	1/APR/2022
REG.	N186CA	Crete Municipal Airport [CEK]				HOUR	
MAKE	Piper	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	TACH	2259.91
						ACTT	5070.6

Maintenance Record Airframe

1. Complied with Annual Inspection/100 Hour referencing the Piper Saratoga PA-32R-301 Maintenance Manual Section 5-20-01 and the scope and detail of Title 14 CFR Part 43 Appendix D.
2. Tested the ELT IAW 14 CFR 91.207(d). Function tests normal. Battery due replacement Mar 2023.
3. Performed the 12-month battery capacity check. Battery failed at 54%. Removed old battery P/N RG-35AXC S/N 40982716 and installed new battery P/N RG-35AXC S/N 41211430.
4. Complied with AD 99-05-09, Air filter replacement by replacing element with new P/N BA-104.
5. Complied with AD 76-06-12, Bendix Ignition Switch, by operational check of ignition switch. No defects noted at this time. Next inspection due at tach time 2359.91.
6. Replaced both the left hand and right hand fuel sending unit gaskets that were seeping fuel.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual/100 Hour inspection as per Title 14 CFR part 91.409 (a) (1) and was determined to be in an airworthy condition.
Dated: April 1, 2022 Shop Order: 22-0008

Signed: 
Shaun Krzycki
A&P 3624942

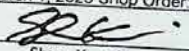
Signed: 
James Dux
A&P 28158851A

SO#	25-0002	Elevate Air Services LLC.				DATE	1/MAR/2025
REG.	N186CA	Crete Municipal Airport [CEK]				HOUR	
MAKE	Piper	MODEL	PA-32R-301	SERIAL NO.	32R-8013046	TACH	2260.53
						ACTT	5071.22

Maintenance Record Airframe

1. Complied with Annual Inspection/100 Hour referencing the Piper Saratoga PA-32R-301 Maintenance Manual Section 5-20-01 and the scope and detail of Title 14 CFR Part 43 Appendix D.
2. Tested the ELT IAW 14 CFR 91.207(d). Function tests normal. Battery due replacement Mar 2027.
3. Performed the 12-month battery capacity check. Battery failed at 54%. Removed old battery P/N RG-35AXC S/N 41211430 and installed new battery P/N RG-35AXC S/N 70049192.
4. Complied with AD 99-05-09, Air filter replacement by replacing element with new P/N BA-104.
5. Complied with AD 76-06-12, Bendix Ignition Switch, by operational check of ignition switch. No defects noted at this time. Next inspection due at tach time 2359.91.

I certify this (aircraft) (engine) (propeller) has been inspected in accordance with an Annual/100 Hour inspection as per Title 14 CFR part 91.409 (a) (1) and was determined to be in an airworthy condition.
Dated: March 1, 2025 Shop Order: 25-0002

Signed: 
Shaun Krzycki
A&P 36249421A

Tech: 1266.4

4-1-05

1. Approving Nation Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG	
4. Organization Name and Address Sky-Tec 350 Howard Clemmons Rd. Granbury, Texas 76048 (PQ0852)			
6. Item	7. Description	8. Part Number	9. Eligibility*
1	STARTER	149-NL	Lyc. 235,290,320,340,360 720 series
13. Remarks			
3. Form Tracking Number: AA 48134			
5. Work Order/Contract/Invoice Number: 48134			
9. Eligibility		10. Quantity	11. Serial/Batch Number
N/A		1	36032
12. Status/Work Newly Overhauled			
FAA approved data			
19. ☒ 14 CFR 43.9 Return To Service ☐ Other Regulation Specified In Block 13 Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
20. Authorized Signature: <i>Kim Claar</i>		21. Approval/Certificate No.: YV4R688M	
22. Name (Typed or Printed) KIM CLAAR		23. Date (M/D/Y) FEB 01 2005	
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that higher Airworthiness Authority accepts part/component/assembly from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.			
FAA form 8130-3 (06-01)			

*Installer must cross check eligibility with applicable data.

N186CA

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft, Engine, Propeller, or Appliance/Comp. Make Piper Model PA 32R-301 Ser. No. 32R-8013046

Add Number and Revision Date	SUBJECT	Date and Hours of Compliance	Method of Compliance	One-time Recruiting	Next Comp. Due Date/Hours	Authorized Signature and Number
76-07-12	IGNITION SWITCH	2 Aug. 04	OPS CHECK OK	X	1211	D. John AIPSO 804559
2002-26-01	FUEL INJECTION LINES & CLAMPS	2 Aug 04	c/w By Insp. LTMS	X	1211	D. John AIPSO 804559
76-07-12	IGNITION SWITCH	2 DEC. 04	OPS CHECK OK.	X	1313	D. John AIPSO 804559
2002-26-01	FUEL INJECTION LINES & CLAMPS	2 DEC. 04	c/w By Insp. LTMS	X	1313	D. John AIPSO 804559
76-07-12	IGNITION SWITCH	12 OCT. 05	OPS CHECK OK.	X	1569	D. John AIPSO 804559
2002-26-01	FUEL INJECTION LINES & CLAMPS	12 OCT. 05	c/w By Insp. LTMS	X	1569	D. John AIPSO 804559
2005-12-01	BENDIX TCM	12 OCT. 05	c/w By Insp. LTMS	X	1569	D. John AIPSO 804559
2005-12-01	IMPULSE COMPUTER	1469	OK. SWAP ATNG INSTALL	X	1969	D. John AIPSO 804559
76-07-12	IGNITION SWITCH	23 Jan 04	OPS CHECK OK.	X	1705	D. John AIPSO 804559
2002-26-01	FUEL INJECTION LINES & CLAMPS	23 Jan 04	c/w By Insp. LTMS	X	1705	D. John AIPSO 804559
76-07-12	IGNITION SWITCH	18 July 06	OPS CHECK OK.	X	1729	D. John AIPSO 804559
2002-26-01	FUEL INJECTION LINES & CLAMPS	18 July 06	c/w By Insp. LTMS	X	1729	D. John AIPSO 804559
76-07-12	IGNITION SWITCH	1 Aug. 07	OPS CHECK OK.	X	1827	D. John AIPSO 804559
2002-26-01	FUEL INJECTION LINES & CLAMPS	1 Aug. 07	c/w By Insp. LTMS	X	1827	D. John AIPSO 804559

EFFECTIVE COMPLIANCE RECORD						
Manufacturer, or Appliance/Comp. Make <u>PERER</u> Model <u>PA 512-301</u> Ser.No. <u>32R-8013044</u>						
Add Number and Revision Date	SUBJECT	Date and Hours of Compliance	Method of Compliance	One-time Recruiting	Next Comp. Due Date/Hours	Authorized Signature and Number
76-07-12	IGNITION SWITCH	15 June 01	OPS CHECK OK.	X	449	D. Jahn AIP504804599
93-02-05	FUEL INJECTION	15 June 01	C/W BY INSP. LINES			D. Jahn AIP504804599
	LTMS & CLAMPS	349.9	i CLAMPS CK OK	X	449	AIP504804599
	OPL FALTER	15 June 01	N/A ENG. OVERLOD			D. Jahn AIP504804599
PL2000-18-53	ADAPTER GASKET	349.9	MARCH 1999	X		AIP504804599
76-07-12	IGNITION SWITCH	11 Jan 02	OPS CHECK OK.	X	503	D. Jahn AIP504804599
	FUEL INJECTION	11 Jan 02	C/W BY INSP. LINES			D. Jahn AIP504804599
93-02-05	LTMS & CLAMPS	403.8	i CLAMPS CK OK.	X	503	AIP504804599
	BENOTX					D. Jahn AIP504804599
96-12-07	IMPULSE COUPLING		DUE AT 497.5	X	497.5	AIP504804599
76-07-12	IGNITION SWITCH	14 June 02	OPS CHECK OK.	X	604	D. Jahn AIP504804599
	FUEL INJECTION	14 June 02	C/W BY INSP. LINES			D. Jahn AIP504804599
93-02-05	LTMS & CLAMPS	504	i CLAMPS CK OK.	X	604	AIP504804599
	BENOTX	14 June 02	C/W BY INSP.			D. Jahn AIP504804599
96-12-07	IMPULSE COUPLING	504	COUPLING CK OK.	X	1004	AIP504804599
	LOSS OF	24 July 02	N/A ENG. OVERLOD			D. Jahn AIP504804599
2002-12-07	ENGINE OPL	557	MARCH 1999	X		AIP504804599
76-07-12	IGNITION SWITCH	4 June 03	OPS CHECK OK.	X	805	D. Jahn AIP504804599
	FUEL INJECTION	4 June 03	C/W BY INSP. LINES			D. Jahn AIP504804599
2002-26-01	LTMS & CLAMPS	705	i CLAMPS CK OK.	X	805	AIP504804599
76-07-12	IGNITION SWITCH	2 Aug 03	OPS CHECK OK.	X	905	D. Jahn AIP504804599
	FUEL INJECTION	2 Aug 03	C/W BY INSP. LINES			D. Jahn AIP504804599
2002-26-01	LTMS & CLAMPS	805	i CLAMPS CK OK.	X	905	AIP504804599
76-07-12	IGNITION SWITCH	3 Oct 03	N/A. 4 DEGR. CMMO i WHITE DOT ON BACK OF SWITCH	X		D. Jahn AIP504804599
	FUEL INJECTION	3 Oct 03	C/W BY INSP. LINES			D. Jahn AIP504804599
2102-26-01	LTMS & CLAMPS	906	i CLAMPS CK OK.	X	1006	AIP504804599
96-12-07	IMPULSE COUPLING	5 MAR 04	C/W BY INSP.			D. Jahn AIP504804599
	FUEL INJECTION	978	COUPLING CKS OK.	X	1478	AIP504804599
2002-26-01	LTMS & CLAMPS	5 MAR 04	C/W BY INSP. LINES			D. Jahn AIP504804599
	LTMS & CLAMPS	978	i CLAMPS CHECK OK.	X	1078	AIP504804599