

ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY 10-5-2027
E.L.T. BATTERY
REPLACEMENT DATE Nov. 2028

AIRCRAFT LOG



IATA FOR TRAINING USE ONLY

 ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

LOG BOOK ENTRY SEPT 8 2001
E.L.T. BATTERY REPLACEMENT DATE AUG, 2003

 ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

LOG BOOK ENTRY 09/02/03
E.L.T. BATTERY REPLACEMENT DATE 09/05

 ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

LOG BOOK ENTRY 9-27-07
E.L.T. BATTERY REPLACEMENT DATE 9/09

AIRCRAFT LOG

THE NEW
PIPER AIRCRAFT, INC.

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

~~N9MP~~ N3HY

Aircraft
Registration number

Part No. 230715

OWNER

NAME

ADDRESS

1	Florida's Forgotten Coast Aviation, Inc.	1205 E. Gulf Beach Dr. St. George Island, FL 32328
2		
3		
4		
5		
6		

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

AIRCRAFT DESCRIPTION

Registration No. NAMP N3HY

Model: PA-32R-301T Popular Name: SARATOGA II TC

Serial No.: 3257252 Type Certificate No.: A350

Colors: WHITE / BLACK MET. + BLACK MET. / NEW PIPER GOLD MET.

Engine Manufacturer: LYCOMING Serial Numbers: Single L-10987-61A

Original Engine Model: T10-540-AH1A Left _____

Right _____

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HK758B

Original Propeller Model: HC-T34R-1RF Left _____

Right _____

Blade Numbers

Left	Right
<u>J62021</u>	_____
<u>J62018</u>	_____
<u>J62017</u>	_____

2001 MODEL

NOTICE

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

PAINT TYPE: DUPONT IMRON 6000

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
		6.9		DDA 50-1
All applicable Federal Aviation Administration Airworthiness Directives, through Bi-Weekly 2001-18 have been complied with at the time of manufacture.				


RICHARD L. MURDOCK

SEP 18 2001

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
SEP 18 2001	Brought Forward →	6.9	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate, Dated <u>SEP 18 2001</u> <u>[Signature]</u> FAA DOA SO-1 RICHARD L. MURDOCK THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER IS HAVE BEEN TESTED TO <u>20,000</u> FT. ONIL: <u>4/20/01</u> PI: <u>N/A</u> SIGNED <u>[Signature]</u> DATE <u>SEP 18 2001</u> RICHARD L. MURDOCK	
			The ELT is installed per FAR 91.207. Battery replacement date <u>8/2003</u> <u>[Signature]</u> D.O.A. No. SO-1 The New Piper Aircraft, Inc. RICHARD L. MURDOCK	
Total To Carry Forward		6.9		

Registration No. N9MP

and Remarks	Signature	Certificate No.
<div style="border: 1px solid black; padding: 5px;"> <p>The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F. ATC Transponder: 1. Make <u>GARMIN</u> Model <u>GTX-327</u> S/N <u>83706509</u> 2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u> Details of this inspection are on file at this facility under S/N <u>3257252</u> Date <u>8/8/01</u> O.A. Inspector <u>[Signature]</u> THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA</p> </div> <p>RICHARD L. MURDOCK</p> <p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS DATE: <u>8/8/01</u> SIGNED: <u>[Signature]</u> RICHARD L. MURDOCK</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10/04/01	Brought Forward →	7.0		INSTALLED Goodrich WX-500 AND AVIONICS INNOVATIONS AICD III. INSTALL performed IAW MANUFACTURER'S INSTALL INSTRUCTIONS AND APPLICABLE FAR'S. SEE FAA FORM 337 DATED 10/4/2001 FOR PARTICULARS. AIC Weight & Balance AND EQUIPMENT LIST AMENDED. SYSTEMS FUNCTION CHECKED TO MANUFACTURER'S SPECS
				Maintenance Release: The aircraft and/or component identified herein, was repaired and inspected in accordance with current FAA Regulations and was found airworthy for return to service. Permanent details of the repair are on file at this agency under this work order # 139718 Date: 10/4/2001 Inspector: R. R. [Signature] SUN AVIATION FAA CRS ECWR470D
Total To Carry Forward				

Registration No. N9MP

N9MP
Date: 11/08/01
Piper PA-32R-301T



HM - 14.9
ACTT-14.9

Removed, cut open and inspected oil filter IAW Lycoming recommended procedures. No contaminants noted. Replaced oil filter with new; leak check satisfactory. Replaced Vertical Speed and Air Speed indicators. VSI: P/N 550-556 S/N OFF 296846 S/N ON 296974 ASI: P/N 602-200 S/N OFF 178314 S/N ON 176947. Performed static system test IAW FAR 43 Appendix E and FAR 23.1325 (b)(1)(2) and found to be within limits. Installed SlickStart magneto booster unit IAW STC No. SA593CH. Reference Form 337 in POH. Weight and balance data updated.

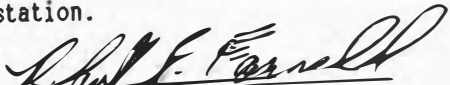
Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.

[Signature]
J. Lee McHugh

A&P247661917

Certificate Number

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	11/27/01 Remove S-Tec 0111 Transducer, S/N 16655A and install wrty replacement, S/N 18102A. Work performed under W/O 8756 this date and a copy on file at this repair station. QUEST AVIONICS, INC. OCALA, FLORIDA QVNR604L  Signature			
	PA 32-301 T N9MP		Hobbs - 22.4	
Total To Carry Forward				

N9MP

Date: 12/14/01

PA-32R-301T S/N 3257252

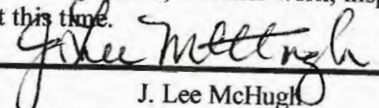


HM - 34.6

ACTT-34.6

Replaced pitch servo per instructions from S-Tec - P/N 0101-P1 S/N ON 10507DEG. Replaced Oil Temp / Oil Pressure gauge - P/N 7775-2 S/N ON 0523 OFF 0939. Replaced TIT / Fuel Flow gauge - P/N 7790-4 S/N ON 0150 OFF 0288. Replaced upholstery panels on aft cabin door and aft cargo door. END

Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.


J. Lee McHugh

A&P247661917

Certificate Number

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Total To Carry Forward				

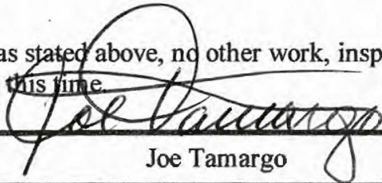
N9MP
 Date: 01/10/02
 PA-32R-301T S/N 3257252



HM - 37.9
 ACTT-37.9

Replaced right inboard and outboard fuel quantity sending units and calibrated right side fuel quantity indicating system IAW Piper maintenance manual. RH OB P/N 686-203, S/N ON 1280 OFF 1204. RH IB P/N 486-467, S/N ON 1432 OFF 1508. Leak and operational checks satisfactory. ~~~~~END~~~~~

Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.



 Joe Tamargo

 A&P267615426
 Certificate Number

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

N9MP
 Date: 03/28/03
 Piper PA-32R-301T S/N 3257252



HM —108.7
 ACTT - 108.7

- Replaced VRV filter. Replaced aircraft battery. Replaced fuel quantity gage, fuel flow gage, and VAC / CHT gage.
 Reinstalled engine - see engine log for details.
- ~CW AD2002-26-01 by inspection of fuel injector lines, clamps, and support brackets. No defects noted. Next due: ACTT=208.7
 - ~CW SB1092A by welding. Performed by Kosola, Inc.
 - ~CW SB1048 by inspecting and lubricating stainless steel control cables.
 - ~CW SL1043 by installing Piper Kit# 767-332 (Oil Cooler Winterization).
 - ~CW SL1049 by replacement and adjustment of ACU.
 - ~CW FAR91-207(d) by inspecting and functionally testing ELT. No defects noted. Next due: 03/04 Battery expires: 08/03

-----END-----

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

Fred W. Davis

Fred W. Davis

IA 266199518

Certificate Number

Total To Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------

Date: April 16, 2003
 A/C Reg: N9MP
 Make: Piper
 Model: PA-32R-301T
 S/N: 3257252



TACH:
 HOBBS: 123.9 hrs.
 ACTT: 123.9 hrs.

Replaced Right Inboard and Outboard fuel quantity sending units and calibrated Right side fuel quantity indicating system IAW Piper Maintenance Manual. R/H Outb. p/n 686-203 s/n on 1337 off 1280, R/H Inb. p/n 486-467 s/n on 1337 off 1432. Operational and leak check satisfactory. O.K. for return to service.-----END-----

Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Signature *Jose Tamargo* A&P 267615426
 Jose Tamargo

AIRCRAFT LOG

Date	Aircraft Time		Recorder	Maintenance
	This Date	Total		
	Brought Forward			

The ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Encoder was checked IAW FAR 43, Appendix E, Paragraph C. I certify that the static pressure system(s) and encoder(s) were tested and checked IAW FAR 43, Appendix E paragraph C and comply with FARs 91.411 and 91.217.

#1 Transponder: 617327 SN 83706589
 #2 Transponder: _____ SN _____
 L/H Altimeter SN 418607 tested to 20,000 ft
 R/H Altimeter SN _____ tested to _____ ft
 Encoder SN 16392 tested to 20,000 ft
 W/O# 10054 Date 8-2-03
 Signature [Signature]
 QUEST AVIONICS, INC.
 FAA Repair Station QVNR6998, Ocala, FL 34474

Total To Carry Forward



Aircraft Registration: N9MP Total Time: 150+(H)

Assisted Flightline maintenance in C/W Piper SB 1135 by relocating P2 pin 16 to pin 31 of the GMA-340. Flightline maintenance will complete SB and perform functional test.

MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under:

Work Order Number: 26941 Date: 14AUG 2003


Signature [Signature] For

Capital Avionics, Inc. 3248 Capital Circle Southwest
 Tallahassee, FL 32310 phone (850)575-4028 fax (850)575-7441
 FAA CRS NS4R399M

Registration No. _____

Signature	Certificate No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>4/16/04 9MP Date: 12/17/03 Piper PA-34-301T S/N 3257252</p>	 <small>3256 Capital Circle SW Tallahassee, FL 32310 (850)576-3515 Fred W. Davis, Director of Maintenance</small>		<p>HM 169.0 ACTT 169.0</p>	
<p>C/W Piper SB 1139 control wheel attachment inspection No defects found. OK for return to service.</p>				
<p>Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.</p>				
<p><u>Scott Koenig</u> Scott Koenig</p>			<p>A&P298545794 Certificate Number</p>	
Total To Carry Forward				

MAKE: Piper
 MODEL: PA32R-301T
 S/N: 3257252
 REG. NO: 9MP
 WORK ORDER:
 372-04-2004



Flightline Group, Inc.
 3256 Capital Circle SW
 Tallahassee, Florida 32310
 Phone: 850-576-3515

DATE: 4/16/2004
 A/C TSN: 202
 HOBBS: 202

Airframe Entries

C/W Annual inspection Serviced battery.... Lubed engine and airframe controls.... Replaced VRV filter.... Replaced bolt, lock washer and flat washer at left IB fuel quantity sending unit. Cleaned stained area. No leaks noted.... Cleaned and treated corrosion on positive and negative battery terminal ends. Replaced one terminal boot.... C/W SB1048 by inspecting and lubricating stainless steel control cables. Next due: ACTT=302.0... C/W FAR91.207(D) ELT inspection and test. No defects noted. Next inspection due: 04/05 Battery replacement due: 09/05

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/16/2004

SIGNED:

Fred Davis

Fred Davis, IA: 266199518

Work Order: 372-04-2004

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
 MODEL: PA32R-301T
 S/N: 3257252
 REG. NO: 9MP
 WORK ORDER:
 558-07-2004



Flightline Group, Inc.
 3256 Capital Circle SW
 Tallahassee, Florida 32310
 Phone: 850-576-3515

DATE: 7/28/2004
 A/C TSN: 228.1
 HOBBS: 228.

Airframe Entries

Replaced TIT probe with a new unit. Operational check satisfactory.... C/W SB1139A by installation of yoke attaching screw retaining clips. This satisfies the requirements for AD2004-14-12.

Except as stated above, no other work, inspection corrective action or determination of airworthiness has been made at this time.

DATE: 7/28/2004

SIGNED:

Lee McHugh

Lee McHugh, A&P: 2839207

Work Order: 558-07-2004

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA32R-301T
S/N: 3257252
REG. NO: 9MP
WORK ORDER:
1051-03-2005



Flightline Group, Inc.

3256 Capital Circle SW
Tallahassee, Florida 32310
Phone: 850-576-3515

DATE: 4/7/2005
A/C TSN: 344.4
HOBBS: 344.4

Airframe Entries

C/W Annual inspection Serviced battery.... Lubed engine and airframe controls.... Replaced VRV filter(s).... Removed and replaced both L&R main tires with 600 X 6 8 ply and 600 X 6 inner tubes.... Serviced brake reservoir.... Replaced both nose wheel bearings & races.... C/W SB1048 by inspecting and lubricating stainless steel control cables.... C/W FAR91.207(D). ELT inspection and test. No defects noted. Next inspection due: 4/2006 Battery replacement due: 9/2005

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/7/2005 SIGNED: *Fred Davis* Work Order: 1051-03-2005
Fred Davis, IA: 2832998 Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA32R-301T
S/N: 3257252
REG. NO: 3HY
WORK ORDER:
1105-04-2005



Flightline Group, Inc.

3256 Capital Circle SW
Tallahassee, Florida 32310
Phone: 850-576-3515

DATE: 4/28/2005
A/C TSN: 355
HOBBS: 355

Airframe Entries

Aircraft "N" number changed.
Old # N9MP...New # N3HY...FAA form 8050-64 attached ,issue date 04-04-2005.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been made at this time.

DATE: 4/28/2005 SIGNED: *Fred Davis* Work Order: 1105-04-2005
Fred Davis, A&P: 2832998 Printed by EBis 3 (datcomedia.com)

Carry Forward

and Remai



AVIONICS OF MODERN AERO, INC

14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N3HY

DATE: 09/01/2005

HOBBS: 467.6

I certify that the altimeter, static system, transponder, and altitude reporter tests required by FARs 91.411, 91.413, and 91.217 have been performed and found to be within limits of FAR 43 appendices E & F. Tested to 20,000 feet.

Altimeter model number: 5934PD-3 S/N 418607
Transponder model number: GTX327 S/N 83706509
Altitude reporter model: AR-850 S/N 16392
Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS05VR353Y W/O# AV-1103

Ryan Paulson

Ryan Paulson

ificate No.

AIRCRAFT LOG

D



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

N3HY

DATE: 9/1/05

HOBBS: 467.6

ACTI: 467.6

Maintenance

COMPLETED ANNUAL INSPECTION ON THIS DATE. INSTALLED NEW ELT BATTERY. TESTED ELT AS PER FAR 91.207(d). ELT BATTERY NEXT DUE 9/07. STATIC TRANSPONDER TEST DUE 9/07. ADJUSTED RUDDER CABLE TENSION TO 65 LBS. ADJUSTED STABILIZER CABLE TENSION TO 40 LBS. INSTALLED NEW P/N D9-18-1 CENTRAL VACUUM AIR FILTER. INSTALLED NEW P/N ARB3-5-1 VACUUM REGULATOR FILTER. COMPLIED WITH AD 84-26-02 BY INSTALLING NEW INDUCTION AIR FILTER. AD 84-26-02 NEXT DUE AT HOBBS 967.6 OR ON CONDITION. REMOVED OXYGEN BOTTLE AND SENT OFF FOR HYDROSTATIC TEST. INSTALLED OXYGEN BOTTLE AND SERVICED TO 1800 PSI. REMOVED A/C COMPRESSOR P/N SD-507 S/N 5045407080 AND SENT OFF FOR OH. INSTALLED OH A/C COMPRESSOR P/N SD-507 S/N 5045407080. OPERATIONAL AND LEAK CHECKS OF AIRCRAFT SYSTEMS WAS FOUND SATISFACTORY. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. MODERN AERO W/O #335771

KEN R FISCHBACH

Ken Fischbach

Total To Carry Forward



IATA FOR TRAINING USE ONLY

Registration No. _____

a



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

N3HY

DATE: 9/9/05

HOBBS: 486.9

Certificate No.

REMOVED A/C COMPRESSOR P/N SD-507 S/N 5045407080. INSTALLED SERVICEABLE A/C COMPRESSOR P/N SD-507 S/N 2092008080 WITH NEW P/N 485-198 AND P/N 485-196 O-RINGS. INSTALLED NEW P/N 688-425 HIGH PRESSURE A/C SWITCH. SERVICED A/C WITH R-134 FREON. REFERENCE MODERN AERO W/O # 33605.

KEN FISCHBACH

Ken Fischbach



AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N3HY

DATE: 10/10/2005

HOBBS: 517.0

Installed Garmin GDL69 data link receiver, and GA55 data link antenna. See FAA Form 337 dated this date for further details. Weight and balance and equipment list revised this date. Ramp tested and found satisfactory.

Avionics of Modern Aero, Inc
CRS 05VR 353Y

Eden Prairie, MN 55347

W/O# 4259

Frank Nook

Frank Nook

AIRCRAFT LOG

Date



AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N3HY

DATE: 10/10/2005

HOBBS: 517.0

Installed L3 Communications Avionics Systems Skywatch system (antenna and processor). See FAA Form 337 dated this date for further details. Placed into aircraft flight manual FAA approved Flight Manual Supplement for the Skywatch system. Weight and balance and equipment list revised this date. Ramp tested and found satisfactory.

Avionics of Modern Aero, Inc
CRS 05VR 353Y

Eden Prairie, MN 55347
W/O# 4260

Frank Nook
Frank Nook

aintenance

Total To Carry Forward			

IATA FOR TRAINING USE ONLY

and R



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

N3HY

DATE: 10/11/2005

HOBBS: 516.8

REMOVED A/C COMPRESSOR P/N SD-507 S/N 2092008080 AND INSTALLED O/H COMPRESSOR S/N 5045407080. SERVICED WITH R134-A REFRIDGERANT. OPERATIONAL CHECK FOUND SATISFACTORY. RELOCATED FIRE EXTINGUISHER TO BOTTOM OF CO-PILOTS SEAT. REFERENCE MODERN AERO W/O # 33674.

KEN FISCHBACH *Ken Fischbach*



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L

NJHY

DATE: 10/18/2005

HOBBS: 521.0

REPLACED A/C DISCHARGE LINE P/N 566-342 FROM COMPRESSOR TO FIREWALL. SERVICED WITH R134-A. OPERATIONAL CHECK OF A/C SYSTEM FOUND TO BE SATISFACTORY. REFERENCE MODERN AERO W/O # 33688.

KEN FISCHBACH *Ken R Fischbach*

Certificate No.

Form Tracking Number:

Installation certification.
regulations by the us
taller must cross-cl

(WO Report)

CUSTOMER WORK ORDER REPORT
Reebaire Avionics Inc.
WO # 2285-HS Task 1 AV pg 1
FAA Certified Repair Station # R1VR0490

Cust Code: JIGE Phone: 501-915-8343
 Jim Gessner
 8039 east spirit cove dr
 Duluth, MN 55807 USA

W00002285001

Item	GDL-69
Part #	011-00986-00
Model	GDL-69
Serial #	47702950
Mfgr.	Garmin
Discrep.	GDL-69 inop

A/C Tail #	N3HY	Hrs	669.00
A/C Make	Piper		
A/C Model	PA-32R-301T	Ser#	3257252
Job Status	OPENED		
Job type	STANDARD		
Open Date	May-08-2006 Monday		
Promised			
Started	May-11-2006 Thursday		
Finished	May-11-2006 Thursday		
Printed	May-11-2006 Thursday 14:41		

Discrepancy
GDL-69 inop

Preliminary Inspection
no defect noted

Hidden Damage Inspection
no defect noted

Corrective Action
updated s/w to 3.02. unit still inop. Removed GDL-69 p/n 011-00986-00 s/n 4770295 and replaced with new GDL-69 p/n 011-00986-00 s/n 47702950. unit ops test good.

Task Total 0.00

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# R1VR0490
 The aircraft /component mentioned above was repaired/and or inspected in accordance with current FAA regulations, and the maintenance rules of the FAR under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details are on file under Reebaire Avionics Work Order # 2285HS

Total To Carry Forward

For Reebaire Avionics Inc.

Registration No. _____

and Remarks

Signature

Certificate No.



AVIONICS OF MODERN AERO, INC
 14801 PIONEER TRAIL
 EDEN PRAIRIE, MN 55347
 952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N3HY DATE: 06/28/2006 HOBBS: 701.8

Removed Gyro p/n 6444 s/n 2022B, HSI p/n 6443-PA s/n 1089F, and Slaving Accessory p/n 01171-P s/n 1040 and sent to factory for evaluation and repair. Reinstalled upon return from service. Ramp tested and found satisfactory.

Avionics of Modern Aero, Inc Eden Prairie, MN 55347
 CRS 05VR 353Y W/O# 4673

[Signature]

Ryan Paulson

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
7-11-06	Hobbs 214.5 hrs			Installed new ELT Antenna P/N 763-063 ops checks ok Guy Thomas P/P 3115931



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION MZER198L
N3HY DATE: 8/2/06

HOBBS: 722.2

AIRFRAME

INSTALLED NEW P/N 606C86-6 S/N 50660313 TIRE ON L/H MAIN WHEEL,
INSTALLED 8 NEW P/N 66-06200 BRAKE LININGS. REFERENCE
MODERN AERO W/O # 34402

KEN FISCHBACH

Ken Fischbach

Total To Carry Forward



Registration No. _____

and Remarks



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

te No.

FAA APPROVED REPAIR STATION MZER198L

N3HY DATE: 9/1/06

HOBBS: 741.9

AIRFRAME S/N 3257252

ACTT: 741.9

COMPLETED ANNUAL INSPECTION THIS DATE. TESTED ELT AS PER FAR 91.207(d) ELT BATTERY NEXT DUE 9/07. CLEANED MAIN FUEL SCREEN. REPLACED CENTRAL AND RELIEF VALVE VACUUM FILTERS. REPLACED LH BRAKE DISC AND LININGS. ADJUSTED AILERON CABLE TENSION TO 39 LBS. ADJUSTED RUDDER CABLE TENSION TO 62.5 LBS. ADJUSTED ELEVATOR TRAVEL AND CABLE TENSION TO 39 LBS. REPLACED NOSE WHEEL TIRE, P/N 071-312-0, S/N 4283W00306. REPLACED RH LANDING LIGHT. RTORQUED WING ATTACH BOLTS AS PER MM CHAPTER 57-10-00. INSTALLED NEW ALTERNATOR OUT SWITCH, P/N 38905-003, S/N 80711611. REF MODERN AERO W/O # 34171. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

R. MOLINE

R. Moline

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

REG #	N3HY	REGENT AVIATION 529 EATON STREET ST. PAUL, MN 55107 FAA REPAIR STATION # YRJR 826K LOGBOOK INSERT	DATE	10/12/2006
MODEL	PA 32R-301T		W/O	17268
SERIAL #	3257252		HOBBS	755.0
Eng. Model	TIO-540-AH1A		A/C TT	
Eng. S/N	L-10987-61A		CYCLES	

1. Customer reports hearing unusual noise from engine compartment.
2. Removed upper and lower cowling.
3. Visually and physically checked exhaust system for condition and security. Both found good.
4. Visually inspected engine and engine components. No anomalies noted.
5. Completed engine run up. No anomalies noted. Engine parameters normal.
6. Reinstalled upper and lower cowling. Notified customer of findings.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service. Details of the work order are on file at this facility.

DATE 10/12/2006 SIGNED *Thomas W. Thunstrom* CRS YRJR826K
 Thomas W. Thunstrom CRS YRJR826K

Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p><i>5-16-07 Hobbs 868.5 hrs Installed New G-243 Battery.</i></p>	<p><i>Thomas W. Thunstrom</i></p>	<p><i>1115731</i></p>

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9-27-07	Hobbs 924.8 hrs.			Checked all cables, pulleys AS NECESSARY, Installed Forward baggage light service & down locks, checked emergency RT main. Installed new bearings. Repacked bearings. Installed new ELT Battery Ave 9-09 Drain Rt. Wing. All AD's c/w as
Total To Carry Forward				

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Registration No. _____

Work and Remarks	Signature	Certificate No.
<p>stops, horns, & bellows Labeled A/E New Air Filter, New Instrument Air Filter, New Kit. Performed Gear checks, checked cockpit operational check. Installed new Tire on cups on inboard mains & nose wheel new landing light left wing. Installed opw 91.209 AD's Testing of ELT. Installed new fuel</p> <p style="text-align: right;">of This Date</p>	<p>I certify that this <u>AIRCRAFT</u> has been inspected in accordance with a <u>Annual</u> inspection and has been determined to be in <u>airworthy condition.</u></p>	
<p>MAINTENANCE RELEASE</p> <p>The aircraft and/or component was repaired and inspected in accordance with current F.A.R.'s and was found airworthy for return to service. Pertinent details of the repair are on file under work order: No. <u>6490</u> Date <u>9-27-07</u> Signed <u>Jerry Thoma</u> for _____ Authorized Signature</p>		
<p>F.A.A APPROVAL REPAIR STATION NO Q6UR446Y Monaco Air Duluth LLC, 4535 Airport Approach Rd Duluth, MN 55811</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9-27-07 924.8 hrs	I certify that the altimeter, static systems, transponder and altitude reporter test required by F.A.R.s 91.411, 91.413 & 91.217 have been performed and found to be within the limits of F.A.R. 43 appendices E & F and AC 43.6b TESTED TO <u>20,000</u> Feet			
	Transponder: Mfg <u>GARMIN</u> Model <u>VR32T</u> SN <u>B3706509</u>			
	Encoder: Model <u>NARCO</u> PN <u>AR850</u> SN <u>16392</u>			
	Altimeter #1: Mfg <u>United</u> PN <u>5934903</u> SN <u>418607</u>			
	Altimeter #2: Mfg. _____ PN _____ SN _____			
	MONACO AIR/DULUTH CRS Q6UR446Y			
	Signature <u>Maxi Thomas</u> for Q6UR446Y			
Total To Carry Forward				

IATA FOR TRAINING USE ONLY

Registration No. _____

and Remarks	Signature	Certificate No.
11-15-07 Hobbs meter WAS IN OP FOR 15.4 hrs Corrected Hobbs Time 982.6 hrs	<u>Maxi Thomas</u>	<u>APP 3115731</u>



AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N3HY

DATE: 03/10/2008

HOBBS: 980.6

Removed GNS530, GNS430, and associated Aircraft Flight Manual Supplements. Also removed two GA56 GPS antennas. The installation provisions (mounting tray, wiring, circuit protection, etc.) remain installed.
Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS 05VR353Y W/O# 5430

Frank Nook Frank Nook



AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

Date

N3HY

DATE: 03/17/2008

HOBBS: 980.6

Installed GNS530W, GNS430W, and two GA35 GPS antennas. Placed FAA approved Aircraft Flight Manual Supplements for the GNS530W and GNS430W into the aircraft flight manual. Installation done in accordance with STC # SA01933LA. See FAA Form 337 dated this date for further details. Weight and balance and equipment list revised this date.

Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS 05VR353Y W/O# 5430

 Frank Nook



AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N3HY


DATE: 03/17/2008

HOBBS: 996.0

Removed Hobbs meter and ran on bench for 15.4 hours to correct aircraft time. See log book entry dated 11-15-2007. Reinstalled Hobbs meter and ramp tested all ok.

Total To Carry For

Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS 05VR353Y W/O# 5430

 Frank Nook

aintenance

IATA FOR TRAINING USE ONLY



AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

at

N3HY
1032.3

DATE: 5/7/2008

HOBBS:

Temporarily removed Altitude Preselector P/N 01279-PX S/N 478 A/B for repair. Updated aircraft documents.

Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS 05VR353Y W/O# 5508

 Jared Rolfsen

Certificate No.



AVIONICS OF MODERN AERO, INC
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
952-941-2595

FAA APPROVED REPAIR STATION 05VR353Y

N3HY

DATE: 5/21/2008

HOBBS: 1036.1

Reinstalled altitude preselector P/N 01279-PX S/N 478A/B after repair by S-Tec. Ref. WO# R000057666. Operation check satisfactory. Updated aircraft documents.

Avionics of Modern Aero, Inc Eden Prairie, MN 55347
CRS 05VR353Y W/O# 5508

 Mike Schweim


AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Piper PA32R-301T N3HY Hobbs: 1196.4
 S/N: 3257252 07-31-09

Completed the following Maintenance:

1. Removed and installed a new R/H Landing Light Bulb.
 The Aircraft, Airframe, Engine, Propeller, Appliance, Radio or Instrument was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with respect to the work performed is approved for return to service by Modern Aero, Inc. FAA CRS #MZER198L.
 Modern Aero, Inc.
 14801 Pioneer Trail
 Eden Prairie, MN 55347

Authorized Signature: 
 WO# AV-3246 FAA CRS #MZER198L

End

PA-32R-301T N3HY
 S/N: 3257252 09-15-09

Completed the following Maintenance:

- Updated the GNS530W s/n 78402730 Main software to version 3.30 referencing the Garmin Software Service Bulletin #0918, Revision A. Operational check found to be satisfactory. Replaced POH supplement with FAA approved p/n 190-00357-03 revision B per bulletin.
- Updated the GNS430W s/n 97104535 Main software to version 3.30 referencing the Garmin Software Service Bulletin #0918, Revision A. Operational check found to be satisfactory. Replaced POH supplement with FAA approved p/n 190-00357-03 revision B per bulletin.

The Aircraft, Airframe, Engine, Propeller, Appliance, Radio or Instrument was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with respect to the work performed is approved for return to service by Modern Aero, Inc. FAA CRS #MZER198L.

Modern Aero, Inc.
 14801 Pioneer Trail
 Eden Prairie, MN 55347

Authorized Signature: 
 WO# AV-3291 FAA CRS #MZER198L

End

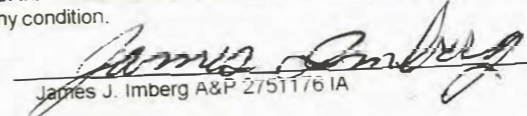
Registration No. _____

and Remarks	Signature	Certificate No.
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4535 Airport Approach Rd Duluth MN 55811
 (218) 727-2911
 Cirrus Authorized Service Center
 Cessna Authorized Service Facility

Date: 10/08/2009; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1213.1; Total Time: 1213.1
 Shop Order #: 09-7285
 Performed annual inspection. Returned wire # P10E20 back to its original position on the master contactor. (see log entry dated 12/29/2008). Troubleshoot electrical system to determine why aircraft battery goes dead while aircraft is not in operation. Determined Flight-Com is the draw. Removed Flight-Com and sent in for inspection and repair. Reinstalled Flight-Com and a new 9 volt battery. ops check good. Installed a new instrument air filter. next filter replacment due: 1713.1 hours. Replaced foam vacuum relief filter. Replaced two burnt 1 amp fuses for the DDM sensing aircraft and alternater amperages located on the battery shunt. ops check good. Checked ELT. battery due 2015. ops check good. Packed all wheel bearings. Inspected tires and brakes. Cleaned and lubed landing gear. serviced landing gear hydraulic reservoir. Performed gear retraction and extension operation. checked emergency extension. No discrepancies noted at this time. Checked all aircraft lights. Cleaned and serviced battery. Lubed aircraft. Checked A.D. thru biweekly 2009-20. Complied with the following A.D.s: 2009-02-03 by installing P/N 2577258 gasket under hex plug in fuel servo. Inspected threads in plug and servo. found ok: Reinstalled plug and torqued. Work done I.A.W Precision Airimotive Bulletin # PRS-107 Rev.4. This terminates this A.D. Complied with A.D. 2008-14-07 by inspecting fuel injection lines and clamps per S.B. 342E. determined ok at this time. next inspection due: 1313.1 hours. See updated A.D. list in aircraft records.
 I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signature: 
 James J. Imberg A&P 2751176 IA

IATA FOR TRAINING USE ONLY



GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

06-18-10 Tach 1266.50 Hobbs 1266.50 N3HY sn 3257252
AFTT 1266.50 Eng TTSFRM 0.00 Prop TTSN 1266.50 TSMOH 0.00

Ferried aircraft: Mechanically down-locked landing gear. Replaced RH main wheel, tire assembly, and RH brake assembly. Bled RH brake. Removed propeller. Performed dye penetrant and dial run-out inspection to crankshaft flange. Reinstalled propeller after blade tracking repair. Installed replacement spinner bulkhead and spinner assembly. Completed temporary repairs to LH wing. Inspected aircraft and found to be in a safe operating condition for intended one-time ferry flight from KPUB Pueblo, CO to KGXY Greeley, CO in accordance with special flight permit dated 02-02-10. Disassembled aircraft: De-fueled LH wing and removed LH fuel tank assembly. Jacked aircraft. Removed mechanically down-locks from landing gear system. Removed nose gear assembly. Removed LH & RH wheel/tire assembly and brake caliper. Removed interior as required for repair access. Removed propeller assembly Hartzell Model # HC-I3YR-1RF sn HK758B TTSN: 1266.50. Removed engine/Lycoming TIO-540-AH1A sn L-I0987-61A TTSN: 1266.50. Eddy Current Inspected: Engine mount attach points and nose gear attach points. Nose gear assembly. Nose gear drag brace assembly. Nose gear actuator attach housing. LH wing inboard forward, main, and rear spar channels. LH fuselage forward carry thru spar channel.

Kelly turbo charger pn 46C19836 sn NRI 00036 Kelly hv hose valve pn 47122450 sn

Registration No. _____

Stabilator inboard spar channels. Eddy current inspection performed by NDE Services, Inc. CRS # FS6RS46N WO# 10-551-361. Repaired fuselage: Removed and replaced upper forward fuselage baggage skin pn 69908-901 at Stations 33.40 to 53.60. Inspected LH & RH upper and lower engine mount stringers. Replaced LH & RH upper and lower engine mount/engine mount stringer attach bolts pn's (3) AN6-25A and (2) AN6-26A. Torqued and saftied as required. Replaced forward baggage door sensor cover pn 37939-003. Repaired LH wing: Removed and replaced inboard leading edge skin pn 68113-200 at Stations 23.00 to 49.00. Removed and replaced inboard lower forward skin pn 38568-002 at Stations 23.00 to 49.00. Removed and replaced inboard upper forward skin pn 62087-004 at Stations 23.00 to 49.00. Inspected forward inboard spar channel. Replaced forward spar attach bolt pn 402-680. Torqued and saftied as required. Inspected inboard rear spar channel plate. Replaced rear spar attach bolt pn 482-915. Torqued and saftied as required. Replaced fuel tank assembly pn 38488-008. Replaced fuel tank sender gasket pn 755-049. Replaced fuel tank interconnect hose pn 63913-092. Replaced fuel tank vent line hose pn 63913-093. Fueled tank performed leak check. Performed fuel quantity indication check. Repaired nose landing gear: Disassembled, cleaned, and inspected nose gear assembly and nose wheel/tire assembly. Replaced nose gear bushings pn's (4) 67026-011, 452-729, (4) 67026-007, (2) 452-800, (2) 452-801, 452-822, 61402-093, 38068-002, 95061-133, 95061-135, 95061-136, 65003-045, 82732-095, 95061-168, 452-366. Resealed nose gear with o rings pn's (2) MS28775-111 and (2) MS28775-112. Serviced nose gear assembly with Mil-H-5606 hydraulic fluid and nitrogen charge. Re-packed nose wheel bearings with Aeroshell # 5 grease. Replaced nose tire, Flight Custom III 5.00x5x6ply pn 505C66-5 inflated tire to 35 psi. Reinstalled nose gear assembly and wheel/tire assembly. Replaced taxi light bulb pn

IATA FOR TRAINING USE ONLY

472-071. Repaired LH main landing gear: Disassembled, cleaned, and inspected wheel/tire assembly. Re-packed wheel bearings with Aeroshell # 5 grease. Replaced brake rotor pn 164-21600. Replaced brake linings pn 761-197. Inflated tire to 38 psi. Reinstalled tire/wheel assembly and brakes. Repaired RH main landing gear: Disassembled, cleaned, and inspected wheel/tire assembly. Re-packed wheel bearings with Aeroshell # 5 grease. Replaced tube pn G15/6.00-6TR20 and tire Flight Custom III 6.00x6x8ply pn 606C86-6 inflated tire to 38 psi. Replaced brake rotor pn 164-21600. Replaced brake linings pn 761-197. Disassembled, cleaned, and inspected brake caliper assembly. Resealed brake caliper with new o rings pn MS28775-222. Replaced brake backing plate pn 757-208. Reinstalled tire/wheel assembly and brakes. Repaired landing gear system: Replaced LH nose gear door pn 38070-000. Replaced RH nose gear door pn 38070-001. Replaced LH nose gear door hinge assembly pn 38076-001 at Stations 20.00 to 33.00. Replaced RH nose gear door hinge assembly pn 38076-000 at Stations 20.00 to 33.00. Replaced nose gear down-lock assembly pn 38078-000. Replaced block assembly pn 38232-003. Replaced nose gear stop assembly pn 37970-002. Replaced power pack pressure switch pn 587-847. Flushed landing gear hydraulic system, purged, and serviced with Mil-H-5606 hydraulic fluid. Performed multiple retraction and extension cycles to landing gear system. Flushed brake system hydraulic fluid, purged with Mil-H-5606. Bled brake system. Performed operational check to brakes. Installed Lycoming factory rebuilt engine Model # TIO-540-AH1A sn RL-10010-61A Lycoming WO# AR427771, TC # E14EA. Engine supplied with: crankshaft sn V537957887, crankcase match No. 436, PAM fuel injector pn 61M22458 sn 70CB7903 setting 2576554-2, Kelly alternator pn 32C22492 sn K030917, LH slick magneto pn 66LC35SSNP sn 10030649, RH slick magneto pn 66LP-0SCNP sn 10020125, LH slick ignition harness pn 67J20609, RH slick harness pn 67J20608, Sky-Tec starter pn 31B22101 sn F4P-061006, consolidated fuel pump pn 62E23186 sn NAN011FP, champion spark plugs pn 1182-L7,

Kelly turbo charger pn 46C19836 sn NBL00036, Kelly by pass valve pn 47J22459 sn MKO00059, Kelly pressure controller pn 48B22488 sn LHN 00026, Lycoming absolute pressure relief pn LW-14445-12 sn LKN00118. Replaced engine mounts pn's (2) J9613-12, (2) J9613-19, and bolts. Torqued as required. Installed new vacuum pump Model # AA3215CC sn N62457. Installed Hartzell governor Model V5-6 sn G145J after overhaul from Redline Aviation CRS# R62R296Y WO# 1584. Installed oil cooler pn 10901A sn 428 pn 10901A sn 429 after overhaul from Drake Air, Inc. CRS # I12R899K WO# 465382/56642. Engine supplied from Lycoming with complete exhaust system to include all clamps and engine hoses. Replaced hoses manifold pressure pn 124F001-4CR0330, oil pressure pn 124F003-4CR0174, breather drain pn 124F0016CR0124, oil cooler pn 124003-8CR0136, 124F003-8CR-0222, fuel supply pn 124003-8CR0320. Reinstalled existing baffles. Routed and reconnected all lines, hoses, electrical, and controls. Rigged controls with cushion stop to stop. Reinstalled air conditioner compressor [system charge not affected]. Replaced air conditioner belt pn 37B19774-472. Installed new air filter pn P151936. Serviced engine with Aeroshell mineral oil 100W 50WT. Pre-oiled engine and turbo charger. Test run engine and checked for leaks. All systems, temperatures, RPM's, and pressures normal. Installed Hartzell propeller Model # HC-13YR-1RF/F7663DR sn HK758B blade #1 sn J62018, blade #2 sn J62017, blade #3 sn J62021 after overhaul from Precision Propeller Services, Inc. CRS# UB3R887L WO# 15746. Replaced spinner bulkhead pn 758-563 and spinner pn 587-741. Torqued and saftied propeller as required. Repainted aircraft repairs as required: repainted LH wing, forward fuselage, nose gear doors, and lower cowling with Imron White # L0005HL, Black Metallic # L0216HL, New Piper Gold # L0390HL. Installed nose gear placards pn 582-783, 582-543, and LH fuel tank placard. Performed annual inspection: Replaced vacuum regulator filter pn B3-5-1, replacement due at 1766.50 hours. Replaced ME406 ELT battery pn 453-6603 pn 455-0012, Revision A [replacement due 12/2015]. Three digit country code 366 hexid # ADCC40A904002F1. Performed operational check to ELT per installation manual and FAR 91.207 Para D, found to be

satisfactory. Complied with AD 2008-14-07 by inspection of fuel injection lines and clamps per Service Bulletin 342E next inspection due at 1366.50 hours. Checked AD's thru bi weekly 2010-12113.

"I certify this aircraft, engine, and propeller has been inspected in accordance with scope and detail of an annual inspection per FAR 43 Appendix D and found to be in an airworthy condition".

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

**Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.
Work Order # 11,295 CRS# BX4R092M**

Signed 

Date 6-14-10 Tach 1269.0 N 3HY

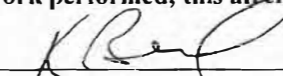
Performed operational test flight in accordance with FAR 91.407 Paragraph (b).

Signed N Ken MOSES MECT 263064482

Total
Carry Forward



Registration No. _____

and Remarks	Signature	Certificate No.
<p>London Aircraft Service Center Inc 150 Aviation Drive South L3HR317N</p>		
<p>N3HY Model: Piper PA-32-301T s/n #: 3257252 Date: 07/01/10 Hobbs Time: 1282.7hrs Tach Time: 1282.7 hrs Total Time: 1282.7 hrs</p>		
<p>-- AIRFRAME --</p>		
<p>Replaced engine oil pressure transducer P/N 599-594 and oil pressure switch 85342-002 IAW Piper PA-32-301T MM79-30-00. Operation is normal. Work Order #: SO12343</p>		
<p>In reference to the above work performed, this aircraft is airworthy and returned for service.</p>		
<p>Kevin Bahash <u></u></p>	<p>L3HR317N</p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Altitude P/N <u>5434 PD-3</u> S/N <u>418607</u> Date <u>8-5-10</u>			
	Reference Altitude	Altitude	Reference Altitude	Altitude
	-1000	-1020	12000	11,990
	0	-30	14000	14,000
	500	505	16000	16,005
	1000	990	18000	18,020
	1500	1505	20000	20,050
	2000	2010	22000	-
	3000	3005	25000	-
	4000	4005	30000	-
	6000	6005	35000	-
	8000	7995	40000	-
	10000	9990	45000	-
	Inspector <u>Douglas Hada</u>		50000	-
Total To Carry Forward				

next page
for release
→

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6B tested to 20,000 feet on 8-5-10.

Transponder: Mfg. Garmin Model GTX327 S/N 83706509
Encoder: Model Narco P/N ARPSO S/N 16392
Altimeter #1: Mfg. Watt P/N 5434 PD-3 S/N 418607
Altimeter #2: Mfg. _____ P/N _____ S/N _____

Doug's Testing LLC.

CRS 6DHR-41B

Signed: Douglas Hada

MAINTENANCE RELEASE

Date: 8-5-10 Make: Piper Model: PA-32R-301T
Reg.#: N3HY P/N: _____ S/N: 3257252
Tach: _____ Hobbs: 1291.8 Total Time: _____


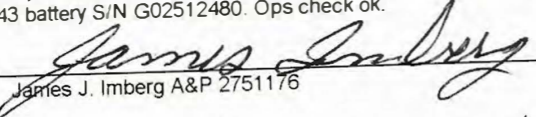

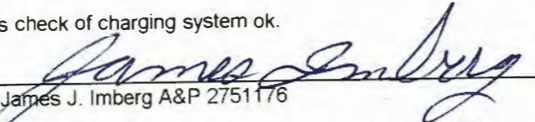
This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order No. 100-96.

Signed: Douglas Hada for

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

Signature _____ Certificate No. _____

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
 4535 Airport Approach Rd Duluth, MN 55811 (218) 727-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility				
Date: 9/13/2010; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1291.8; Total Time: 1291.8 Shop Order #: 10-7601 Removed battery from aircraft. Charged and tested battery, found two dead cells. Replaced aircraft battery with a new Gill G-243 battery S/N G02512480. Ops check ok.				
Signature:  James J. Imberg A&P 2751176				
 4535 Airport Approach Rd Duluth, MN 55811 (218) 727-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility				
Date: 1/28/2011; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1297.3; Total Time: 1297.3 Shop Order #: 11-7740 1) Checked alternator belt tension. Tightened belt. Checked wire connections, found ok. 2) Removed voltage regulator S/N C062972. Bench tested. Found over regulator out of calibration and over voltage relay faulty. Installed a new voltage regulator S/N K020770 3) Removed battery. Charged. Reinstalled battery. 4) Run up, ops check of charging system ok.				
Signature:  James J. Imberg A&P 2751176				
Total T				
Carry Forward				

IATA FOR TRAINING USE ONLY

Piper PA32R-301T
S/N: 3257252

N3HY
05-04-2011

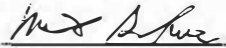
Hobbs: 1331.5

Completed the following Maintenance:

- Removed the #1 and #2 GPS antennas model GA35 s/n 51405 and s/n 51406. Replaced with new GA35's s/n 74160 (#1) and s/n 74172 (#2). Ramp checked and found both GPSS to acquire satellites.

The Aircraft, Airframe, Engine, Propeller, Appliance, Radio or Instrument was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with respect to the work performed is approved for return to service by Modern Aero, LLC. FAA CRS #MZER198L.

Modern Aero, LLC.
14801 Pioneer Trail
Eden Prairie, MN 55347

Authorized Signature: 
WO# AV-3718 FAA CRS #MZER198L

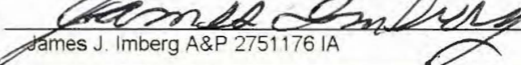
End




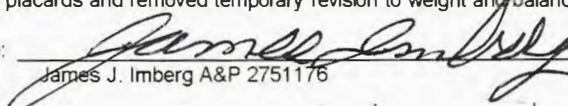

4535 Airport Approach Rd Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 7/28/2011; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1336.6; Total Time: 1336.6
Shop Order #: 11-7897

Performed Annual inspection on aircraft IAW Monaco Air Inspection checklist.
Researched ADs thru current bi-weekly 2011-15.
Complied with A.D. 2008-14-07 by inspection of fuel injection lines per para. j & k. Ok at this time. Next inspection due: 1436.6 hours.
A.D. 2011-13-03 is N/A because turbo had more than 50 hours T.I.S. before July 13, 2011.
See complete A.D. list in aircraft records.
Inspected tires and brakes. Cleaned and packed wheel bearings.
Cleaned and lubricated landing gear. Performed retract check and emergency extension IAW PA 32R-301T M.M.
Tested ELT IAW FAR 91.207. tested good. Baftery due Dec. 2015.
Replaced broken static wick on R/H flap.
Removed oxygen bottle and sent in for hydrostatic test. Bottle is waiting on a seal. Reassembled aft bulkhead with bottle removed. Secured all lines. Placarded aircraft per CFR 91.213 para. 3. Updated weight and balance. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Signature: 
James J. Imberg A&P 2751176 IA

AIRCRAFT LOG


Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
 <p>4535 Airport Approach Rd. Duluth MN 55811 (218) 727-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility</p> <p>Date: 9/06/2011; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1342.4; Total Time: 1342.4 Shop Order #: 11-7897 Received oxygen bottle (P/N: 1270152-2) from certification. Bottle test date is 07/2011. Bottle manufacture date is 04/2001. Oxygen bottle is due to be replaced on 04/2016. Reinstalled oxygen bottle, work done I.A.W. Piper PA-32-301/301T AMM 35-10-08. Serviced oxygen system to 1850 PSI. Leak and ops check of oxygen system ok. Removed placards and removed temporary revision to weight and balance in P.O.H.</p> <p>Signature:  James J. Imberg A&P 2751176</p> <p style="text-align: center;">NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT: N3HY DATE: 11/28/11 WO: 12068 HOBBS: 1367.3 TTAF: 1367.3</p> <p style="text-align: center;">AIRFRAME LOG</p> <p>INSPECTED AND SERVICED AIRCRAFT BATTERY, BRAKES, TIRES, LIGHTS, AND HYDRAULICS. REMOVED AND REPLACED LANDING LIGHT LAMP WITH NEW GE 4596. OPS CHECKED GOOD.</p> <p style="text-align: center;"> FOR NAPLES AIR CENTER CRS X04R655M. ROBERT L. HOUSE</p>				
Total To				
Carry Forward				

IATA FOR TRAINING USE ONLY

Registration No. _____

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6B tested to 20,000 feet on 8-1-12

Altimeter P/N: 5934PD-3 S/N: 418607 Date: 8-1-12

Reference Altitude	Altimeter	Reference Altitude	Altimeter
-1000	-1020	12000	11990
0	-20	14000	14000
500	480	16000	16010
1000	980	18000	18040
1500	1490	20000	20070
2000	1990	22000	-
3000	2990	25000	-
4000	3990	30000	-
6000	5995	35000	-
8000	7980	40000	-
10000	9980	45000	-
Inspector: 		50000	-

date: 8-1-12
Req: N3HY
rack: -

Transponder: Mfg. Garmin Model GTx327 S/N P3706509
Encoder: Model Narco P/N AR850 S/N 16392
Altimeter #1: Mfg. United P/N 5934PD-3 S/N 418607
Altimeter #2: Mfg. _____ P/N _____ S/N _____

Doug's Testing LLC.

CRS 6DHR491B

Signed: 

MAINTENANCE RELEASE

Make: Piper

Model: PA-32-301T

P/N: _____

S/N: 3257252

Hobbs: 1443.0

Total Time: _____

This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order No. 100-108

Signed:  for

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				

NAPLES AIR CENTER, INC.
 CRS X04R655M
 230 AVIATION DRIVE SOUTH
 NAPLES, FLORIDA 34104
 AIRCRAFT: N3HY DATE: 12/13/13 WO: 12604 HOBBS: 1541.6

AIRFRAME LOG

REMOVED H.S.I. P/N: 6443-PA, S/N: 1089F AND DIRECTIONAL GYRO, P/N: 6444, S/N: 2022B. SENT UNITS OUT TO PACIFIC SOUTHWEST INSTRUMENTS FOR REPAIR OF H.S.I. AND OVERHAUL OF DIRECTIONAL GYRO. REINSTALLED INSTRUMENTS AFTER REPAIR / OVERHAUL. OPERATIONALLY CHECKED GOOD.

Robert L. House
 FOR NAPLES AIR CENTER CRS X04R655M.
 ROBERT L. HOUSE

NAPLES AIR CENTER, INC.
 CRS X04R655M
 230 AVIATION DRIVE SOUTH
 NAPLES, FLORIDA 34104
 AIRCRAFT: N3HY DATE: 1/23/14 WO: 12665 HOBBS: 1547.2

AIRFRAME LOG

REMOVED HSI FOR INSPECTION BY PACIFIC SOUTHWEST INSTRUMENTS. INSPECTION AND TEST FOUND NO DEFECTS. REINSTALLED HSI IN AIRCRAFT. OPS CHECKED GOOD.
 P/N: 6443-PA, S/N: 1089F.

Robert L. House
 FOR NAPLES AIR CENTER CRS X04R655M.
 ROBERT L. HOUSE

Registration No. _____

and Remarks	Signature	Certificate No.
<p>NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT: N3HY DATE: 4/17/14 WO: 12740 HOBBS: 1558.3</p> <p><u>AIRFRAME LOG</u> INSPECTED AND SERVICED AIRCRAFT BATTERY, BRAKES, TIRES, LIGHTS, AND HYDRAULICS. REPLACED LEFT WING LANDING LIGHT LAMP WITH NEW GE4594. OPS CHECKED GOOD. <i>Robert L. House</i> FOR NAPLES AIR CENTER CRS X04R655M. ROBERT L. HOUSE</p>		

Altimeter P/N 5934PD-3 S/N 418607 Date 8-7-14

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6B Tested to 22,000 feet on 8-7-14

Transponder: Mfg. Garcin Model GTX327 S/N 83706509

Encoder: Model Narco P/N AB850 S/N 16392

Altimeter #1: Mfg. United P/N 5934PD-3 S/N 418607

Altimeter #2: Mfg. — P/N — S/N —

Reference Altitude Altimeter Reference Altitude Altimeter

-1000	-1020	12000	11990
0	-15	14000	14000
500	500	16000	16020
1000	985	18000	18040
1500	1500	20000	20070
2000	2000	22000	22100
3000	3000	25000	—
4000	4000	30000	—
6000	6000	35000	—
8000	7980	40000	—
10000	9990	45000	—
Inspector <u>Douglas Haska</u>		50000	—

Doug's Testing LLC.

CRS 6DHR491B

Signed: Douglas Haska

MAINTENANCE RELEASE

Date: 8-7-14

Make: Piper

Model: PA32-30T

Reg. # N3HY

P/N: —

S/N: 3257252

Fach: —

Hobbs: 1576.9

Total Time: —


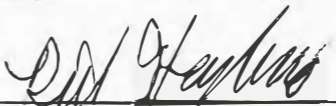
This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order 100-226

Signed: Douglas Haska for

Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

IATA FOR TRAINING USE ONLY

Registration No. _____

and Remarks	Signature	Certificate No.
 4535 Airport Approach Rd Duluth, MN 55811 (218) 727-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility		
Date: 8/28/2014; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1576.9; Total Time: 1576.9 Shop Order #: 14-8925 Performed Annual inspection on Aircraft IAW Monaco Air Aircraft inspection checklist and PA32R-301T AMM Researched AD's thru current Bi- Weekly 2014-17 Cleaned and lubricated airframe componets as required. Inspected tires brakes. serviced brake reservoir. cleaned and packed wheel bearings Performed landing gear retraction and extension and emergency extention checks as per PA32R-301T AMM. serviced power pack. Tested ELT IAW 91.207 tested good. Battery next due July 2015. Checked all lights serviced battery AD 2013-02-13 Horizontal Stab control system dua at annual 2016 as per AD Replaced worn pads on LH main with new 066-06200 I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.		
	 Signature: _____ Rick Hagberg A&P 3268908 IA	

Carry Forward



NAPLES AIR CENTER, INC.

CRS X04R655M

230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N3HY DATE: 5/14/15 WO: 13006 HOBBS: 1621.3

AIRFRAME LOG

REMOVED HORIZONTAL SITUATION INDICATOR, P/N: 6443-PA, S/N: 21088F. INSTALLED OVERHAULED HSI, P/N: 6443-PA, S/N: 2114F. OPS CHECKED GOOD ON GROUND RUN UP.

[Signature]
FOR NAPLES AIR CENTER CRS X04R655M.
ROBERT L. HOUSE



4535 Airport Approach Rd Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 7/10/2015; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1634.0; Total Time: 1634.0
Shop Order #: 15-9197

Aircraft battery has only 17 volts. Checked amperage draw while battery was installed in aircraft with the master switch off. 0 amp draw was noted. Removed battery. Checked battery, all cells indicated low. Charged battery for 10 hours at 1 amp. Adjusted water level. Charged for 2 hours at 1.5 amps. Checked battery after 24 hours. 6 cells indicated fair, 1 cell indicated. 5 cells indicated good. Reinstalled battery in aircraft.

Signature: _____

[Signature]
James Imberg A&P 2751176

Total To Carry Forward			

Registration No. _____

and Remarks	Signature	Certificate No.
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4535 Airport Approach Rd Duluth, MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 10/05/2015; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1640.5; Total Time: 1640.5
Shop Order #: 15-9258
Performed Annual Inspection on aircraft IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM.
Researched ADs thru Bi-Weekly 2015-19
Complied with A.D. 2015-19-07 by visual inspection of fuel injection lines per MSB 342(G). Next inspection due: 1750.5 tach. or next Annual inspection.
2015-16-04 is N/A because Kidde Graviner fire extinguisher is not in the aircraft.
Updated A.D. list in aircraft records.
Cleaned and lubricated airframe components as required.
Inspected tires and brakes. Installed new brake pads on right main. Serviced brake reservoir as necessary.
Cleaned and packed all wheel bearings. Replaced both rusty fuel quick drains with new quick drains. Leak check ok. Tightened loose bolts on leaking fuel sending unit on left main fuel tank. Leak check ok.
Performed landing gear retraction, extension, and emergency extension checks per PA-32R-301T AMM.
Checked and serviced power pack reservoir as necessary. Checked fire extinguisher.
Installed a new E.L.T. battery P/N: 455-0012. Tested ELT IAW FAR 91-207. tested good. Next battery replacement due: Nov. 2021.
Checked all lights for operation. Replaced aircraft battery with a servicable Concord RG24-11M battery. Ops check good.
Checked and lubed all flight controls. Inspected trim system, both manual and with the thumb switches.
Inspected and serviced oxygen system. IAW AMM 35-10-00. Leak check ok.
I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition

[Signature]
A&P 2751176 IA

AIRCRAFT LOG

Registration No.

Date

Date: 10/22/15
Tach: —
HM: 1647.4

Reg. No: N3HY
Ser. No: 3257252

Horizon Avionics, Inc.

2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

Replaced defective STEC Remote DG p/n 6444 (28V) s/n 2022B with PSI OH unit s/n 2497B (ref. PSI WO # 292308). Ramp checked, OK. Per STEC installation manual.

MAINTENANCE RELEASE

The Airframe Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Maintenance Rules Of The Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of This Repair Are On File At This Repair Station Under WO# 6440.

Signed: [Signature] Cert. No: 3123257 Date: 10/22/15
For Horizon Avionics, Inc. FAA CRS F3OR150X

Total To Carry Forward

nce

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6C

Tested to 30,000 feet on 9-12-16

Transponder: Mfg. GARMIN Model GTx327 S/N P3706509

Encoder: Model Waco P/N PR-PSU S/N 16392

Altimeter #1: Mfg. United P/N 5434PD-3 S/N 418607

Altimeter #2: Mfg. — P/N — S/N —

Doug's Testing LLC. CRS 6DHR491B
Signed: [Signature]

MAINTENANCE RELEASE

Date: 9-12-16 Make: Piper Model: PA32R-30TT

Reg. # N3HY P/N — S/N 3257252

Tach: 1712.4 Hobbs: 1712.4 Total Time: 1712.4

This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order

No. 100-287

Signed: [Signature]
Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

Altimeter P/N 5434PD-3 S/N 418607 Date 9-12-16

Reference Altitude	Altimeter	Reference Altitude	Altimeter
-1000	-1000	12000	11990
0	0	14000	14000
500	510	16000	16010
1000	1010	18000	18040
1500	1510	20000	20060
2000	2010	22000	—
3000	3010	25000	—
4000	4010	30000	—
6000	6000	35000	—
8000	7990	40000	—
10000	9990	45000	—
Inspector <u>[Signature]</u>		50000	—



4535 Airport Approach Rd. Duluth, MN 55811
 (218) 727-2911
 Citrus Authorized Service Center
 Cessna Authorized Service Facility

Registration No. _____

Date: 9-15-2016 Aircraft: N5HY Type: PA-32R-301T S/N: 3257252; Hobbs: 1712.1; Total Time: 1712.1
 Shop Order #: 16-9566
 Performed Annual inspection on aircraft IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM
 Researched ADs and ~~Service~~ Service Bulletins thru current Bi-Weekly 2016-16-15. Complied with the following recurring ADs:
 2013-02-13 by detailed visual inspection of stabilator cables and turnbuckles I.A.W. Piper S.B. 1245A. No discrepancies noted at this time. Next inspection due: 3712.1 Hours or 7 years.
 2015-19-07 by visual inspection of fuel injection lines and clamps I.A.W. MSB 342G. No defects noted at this time. Next inspection due: 1822.1 Hours.
 84-03-02 by installation of a new induction air filter P/N: P151936. Next air filter replacement due: 2212.1 Hours.
 21-00-00
 Complete AD list in aircraft records.
 Cleaned and lubricated airframe components as required.
 Inspected tires and brakes. Replaced O-rings in both brake units. Replaced insulator pads on all four brake pucks. Bled both brake systems. Serviced with 5606. Ops check of brakes ok. Cleaned and packed all wheel bearings.
 Cleaned and lubed landing gear. Performed landing gear retraction, extension, and emergency.
 Checked and serviced power pack reservoir as necessary.
 Checked battery. - 9-1-207, tested good. Battery replacement due: 11-2021.
 Replaced air filter and vacuum system relief foam filter. Replaced leaking fuel quick drain in right wing.
 Checked all lights for operation. Installed a new Gill G-243 aircraft battery.
 Serviced missing heat reflector plate in lower cowl as required.
 Certified that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

ce

Total
Carry

James Imberg
 James Imberg A&P 2751 176 IA

and Remarks	Signature	Certificate No.
<p>3-17-17 Tach 1735.0 RH Fuel gage mop - Inspected system + found gage defective - Unit overhauled and reinstalled - OPS Tested normal - Removed Evaporator Fan Assy - Replaced blower motor + Fan Assy - Reassembled and installed double plates to plastic housing - Reinstalled - Replaced Receiver/dryer - Evacuated system + serviced with R134A Freon - System Functions normally</p>	<p>R. Dudley AIP2313282</p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →	5-22-17	Hobbs 1747.9		
	Installed repaired DDM P unit from Ultra Avionics + Obtested - Unit functions normally			
	R. Dudley A/P 2313282			
Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

MSPAERO

Inspection/Maintenance Record

3700 East 70th Street • Minneapolis, MN 55450
FAA CRS No. 5MAR502B

WORK ORDER NO: MSP-170482

REGISTRATION: N3HY
MODEL: PA-32R-3D1T

SERIAL NUMBER: 3257252

ACTT: 1779.2 Hobbs
CYCLES: N/A

PERFORMED THE FOLLOWING MAINTENANCE

Removed #1 GNS530W Nav/Com/GPS P/N 011-01064-40 S/N 78402730. Placarded instrument panel "#1 Nav/Com/GPS inop". Pulled and secured in the out position the Com 1 and Nav1/GPS1 circuit breakers. Placed temporary weight and balance revision into the POH for the #1 GNS530W removal.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the Maintenance and/or Inspection are on file at MSP Aero, Minneapolis, MN FAA Certified Repair Station No. 5MAR502B

Signed Frank Nook

Date

08/31/2017

MSP-010

AIRCRAFT LOG

Aircraft Time

Remarks



3700 East 70th Street • Minneapolis, MN 55450
FAA CRS No. 5MAR502B

Inspection/Maintenance Record

WORK ORDER NO: MSP-170484

REGISTRATION: N3HY

SERIAL NUMBER: 3257252

ACTT: 1,781.3 Hobbs

MODEL: PA-32R-301T

CYCLES: N/A

PERFORMED THE FOLLOWING MAINTENANCE

Reinstalled repaired #1 GNS530W Nav/Com/GPS P/N 011-01064-40 S/N 78402730. Removed panel placard "#1 Nav/Com/GPS inop". Re-set the Com 1 and Nav1/GPS1 circuit breakers. Removed temporary weight and balance revision from POH for the #1 GNS530W removal. Programmed and tested per Garmin 500W Series Installation Manual GPS 500W and GNS 530W530AW/TAWS P/N 190-00357-02 revision L dated February, 2016 and found satisfactory.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the Maintenance and/or Inspection are on file at MSP Aero, Minneapolis, MN FAA Certified Repair Station No. 5MAR502B

Signed Frank Nook

Date 09/11/2017

MSP-010

Total
Carry



4535 Airport Approach Rd. Duluth MN 55814
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 10/02/2017, Aircraft: N3HY; Type: PA-32R-301T. S/N: 3257252; Hobbs: 1716.3; Total Time: 1716.3
Shop Order #: 17-9940

Performed Annual Inspection on aircraft IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM.

Researched A.D.s thru Bi-Weekly 2017-18. Complied with A.D. 2015-19-07 by visual inspection of fuel injection lines and clamps I.A.W. MSB 342G. No defects noted at this time. Next Inspection due: 1897.8. (Every 110 Hours)..

Cleaned and lubricated airframe components as required.

Inspected tires and brakes. Serviced brake reservoir as necessary. Cleaned and packed all wheel bearings. Cleaned and lubed landing gear. Reversed both main tires, both tubes are still ok at this time.

Performed landing gear retraction, extension, and emergency extension checks per PA-32R-301T AMM.

Checked and serviced power pack reservoir as necessary.

Tested ELT IAW FAR 91-207, tested good. Battery replacement due: Nov. 2021.

Checked all lights for operation. Serviced and charged aircraft battery.

Removed oxygen bottle because the bottle was due for replacement. (15 year life) Sent bottle and regulator assembly to Aerospace Turbine Rotables for replacement.

Received new bottle with original regulator installed. (Regulator was not overhauled per customer request).

New bottle P/N: 895-24050 S/N: ALT279-29124.

(See 8130 and W.O. 113151 in ship's records)

Reinstalled oxygen bottle in aircraft. Serviced oxygen system, leak, and ops check ok.

All work was done I.A.W. Saratoga AMM 35-17-00. Next bottle Hydro test is due: Sept 2022.

Found broken hose on static line. Replaced Dry rotted hose with new hose. Checked static system per part 43

Appendix E. Found ok. Work was accomplished by Doug's Testing, LLC. (W.O. 100-338 Dated 9-26-2017).

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

Signature:

James Imberg
James Imberg A&P 2751176 IA

Date No.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number. 308438	
4. Organization Name and Address. Aerospace Turbine Rotables Inc. 1919 E. Northern St Wichita, KS 67216-2430 US Ph: (316) 943-6100, Fax: (316) 943-2917 FAA Approval Holder: NV2R045L				5. Work Order, Contract or Invoice Number: WO113151		
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Oxygen Bottle	895-24050	1.00	ALT279-29124	INSPECTED	
12. REMARKS Inspected and certified IAW the documents listed. Full details of work performed held on work order. Manuals Used: Manual ID: 35-28-95, Type: CMM/IPL, Rev: 5, Rev Date: 5/23/2017; Manual ID: 895-49040-35-01, Type: SB, Rev: 0, Rev Date: 7/19/2011; Manual ID: 895-53040-35-01, Type: SB, Rev: 2, Rev Date: 4/21/2011; Manual ID: SIL-35-127, Type: SIL, Rev: 2, Rev Date: 9/4/2014; Manual ID: SIL-35-20, Type: SIL, Rev: 0, Rev Date: 4/10/2004 <i>Installed: 10-2-2017 Tech: 17878</i> "Certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 approval number EASA.145.4033."						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval Authorization No:		14b. Authorized Signature: <i>Jake Clasen</i>		14c. Approval/Certificate No: NV2R045L
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yy):		14d. Name (Typed or Printed): Jake Clasen		14e. Date (dd/mmm/yyyy): 22/Sep/2017
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

Aircraft leaking oil from crankshaft seal--Removed propeller and installed LW13792 oil seal with shellac--Reinstalled propeller and torqued and safetied--Test ran aircraft and found seal pushed out

Removed propeller and Installed SL-13792 seal assembly and allowed 36 hrs cure time on sealant--Reinstalled propeller and torqued and safetied--Test ran engine and seal failed at 3 minute mark

Removed propeller and seal--Inspected engine cases for identifier for P50 seal per Lycoming--No marks found--Instaalled P50 seal with Pliobond PBC-20 as recommended by Lycoming--Reinstalled propeller and torqued and safetied--Test ran engine with no defects noted--Washed engine and cowling--Installed cowling and checked engine oil capacity--Oil at 10 qts

R. Dudley A/P 2313282

Ronald Dudley

Trueblock® Etiquettes d'expédition
Masque tout

Altimeter P/N 5934PD-3 S/N 418607 Date 10-4-18

I certify that the altimeter, static systems, transponder, and altitude reporter test required by FAR's 91.217, 91.411 & 91.413 have been performed and found to be within the limits of FAR 43 Appendices E & F and AC 43-6C

Reference Altitude	Altimeter	Reference Altitude	Altimeter
-1000	-1010	12000	11970
0	-10	14000	13960
500	490	16000	15980
1000	990	18000	17990
1500	1490	20000	20000
2000	1980	22000	-
3000	2990	25000	-
4000	3990	30000	-
6000	5980	35000	-
8000	7980	40000	-
10000	9960	45000	-
Inspector	<i>Douglas Hedrick</i>	50000	-

Tested to 20,000 feet on 10-4-18

Transponder: Mfg. Garmin Model GTx327 S/N 83706509

Encoder: Model Narco P/N RR-850 S/N 16392

Altimeter #1: Mfg. United P/N 5934PD-3 S/N 418607

Altimeter #2: Mfg. _____ P/N _____ S/N _____

Doug's Testing LLC. CRS 6DHR491B
Signed *Douglas Hedrick*

MAINTENANCE RELEASE

Date: 10-4-18 Make: Piper Model PA32R-301T

Reg. # N3HY P/N _____ S/N 3257252

Tach: 1844.2 Hobbs: 1844.2 Total Time: 1844.2

This aircraft and/or appliance was repaired and/or inspected in accordance with current FAR's and is approved for return to service. Pertinent details are on file under work order

No. 100-378

Signed: *Douglas Hedrick* for
Doug's Testing LLC.
210 12th Street
Proctor, MN 55810
CRS 6DHR491B

MONACO AIR
4535 Airport Approach Rd. Duluth MN 55811
(218) 727-2911
Cirrus Authorized Service Center
Cessna Authorized Service Facility

Date: 10.05.2018 Aircraft: N3HY, Type: PA-32R-301T, S/N: 3257252; Hobbs: 1844.2; Total Time: 1844.2
Shop Order # 18-10245
Performed Annual Inspection on aircraft IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM
Researched A D's thru Bi-Weekly 2018-19
Complied with A D 2015-19-07 by visual inspection of fuel injection lines and clamps I.A.W. MSB 342G. No defects noted at this time. Next inspection due: 1954.0 (Every 110 Hours)
Cleaned and lubricated airframe components as required.
Inspected tires and brakes. Serviced brake reservoir as necessary. Cleaned and packed all wheel bearings.
Cleaned and lubed landing gear. Serviced all three struts with nitrogen.
Installed new brake pads on left main gear. Installed a new brake pad shim in right brake unit.
Installed new Flight Custom tires on both main gear. Both inner tubes are ok at this time.
Performed landing gear retraction, extension, and emergency extension checks per PA-32R-301T AMM.
Checked and serviced power pack reservoir as necessary.
Tested ELT IAW FAR 91-207 tested good. Battery replacement due Nov. 2021.
Replaced vacuum system relief foam filter.
Checked all lights for operation. Repaired broken wire on right landing light. Ops check of landing lights ok.
Serviced and charged aircraft battery.
Replaced cooling duct for alternator.
De-fueled left fuel tank. Removed leaking left fuel sender. Cleaned area. Re-installed fuel level sending unit with a new gasket under the sending unit. Re-fueled left fuel tank. Leak and ops check of left fuel sending unit ok.
I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in

an airworthy condition.

Signature *James Imberg*
James Imberg A&P 2751176 IA

icate No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
01/22/19	Brought Forward →	1856.4	1856.4	Removed and Replaced trim Hobbs Hoses Supplied Master Switch



4525 Airport Approach Rd. Duluth, MN 55811
 (218) 727-2911
 Cirrus Authorized Service Center

Date: 9/27/2019 Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1897.7; Total Time: 1897.7
 Shop Order #: 19-10592
 Performed Annual Inspection on aircraft IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM.
 Researched A D s thru Bi-Weekly X2019-19. Complied with A D 2015-19-07 by visual inspection of fuel injection lines and clamps I.A.W. MSB 342G. No defects noted at this time. Next Inspection due: 2007.7 Hours (every 110 Hours).
 IAW Service Bulletin 1216B inspection of aileron nose ribs. No cracks found at this time.
 Cleaned and lubricated airframe components as required.
 Inspected tires and brakes. Installed new brake pads on right main. Serviced brake reservoir as necessary.
 Cleaned and lubed landing gear. Replaced worn nose strut bumper, stop.
 Performed landing gear retraction, extension, and emergency extension checks per PA-32R-301T AMM.
 Checked and serviced power pack reservoir as necessary.
 Tested ELT IAW FAR 91-207, tested good. Battery replacement due: Nov 2021.
 Replaced vacuum system relief foam filter.
 Checked all lights for operation. Serviced and charged aircraft battery.
 I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Tot
Co

Signature: _____

[Handwritten Signature]
 POP 2751176219

IATA FOR TRAINING USE ONLY

Registration No. _____

and Remarks	Signature	Certificate No.
Returned to Service	<i>[Handwritten Signature]</i>	1942836 - 2A



REG. N3HY HERNANDO COUNTY AIRPORT W.O. 8819
 2495 BROAD STREET
 MODEL PA32R-301T BROOKSVILLE, FLORIDA 34604 TACH
 PHONE (352) 796-5173
 S/N 32-57252 FAX (352) 799-4681 HOBBS
 DATE 12/9/2019 FAA REPAIR STATION #TZ4R562M T.T

→ INSTALLED NEW GARMIN GDL82 ADS-B OUT (UAT TRANCEIVER) WITH INTERFACE TO EXISTING GARMIN GTX327 MODE C TRANSPONDER. INSTALLATION COMPLETED IN ACCORDANCE WITH GARMIN MASTER DRAWING LIST (MDL) 005-01008-A1 REV. 2 PER STC SA02573SE WITH REFERENCE TO FAA POLICY MEMORANDUM, DATE MARCH 2 2016, INSTALLATION APPROVAL FOR ADS-B OUT SYSTEMS.

MAINTENANCE RELEASE:

The aircraft and/or component identified above was repaired and inspected in accordance with current instructions contained in The Piper PA32R-301T Maintenance Manual and the maintenance rules of the F.A.R.'s under which the operator is certified. The aircraft and/or component was determined to be in airworthy condition and is approved for return to service as per these requirements. Pertinent details of the repair are on file at this agency under work order #8819

AUTHORIZED INSPECTOR: _____

[Handwritten Signature]

1. Approval Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE FAA Form 8130-3, AIRWORK	
4. Organization Name and Address: Ultra Electronics Flightline Systems 7625 Omnitech Place Victor, NY 14564-9795 USA CERTIFICATE#FSYR483X			
6. Item:	7. Description:	8. Part Number:	9. Quantity:
001	FUEL QUANTITY IND	157303-1	1
12. Remark Replaced pointers and cap.159336, 159355-1, 159706 Work indicated in block 11&12 was performed in accordance with the following Flightline Work performed to approved data to TSO C55 This part has been serviced in accordance to FAR 43 Flightline Systems certifies that the work specified in Block 11&12 was carried out in accordance And in respect to that work the article is ready for release to service under EASA Part 145			
13a. Certifies the items identified above were manufactured in conformity to:			14a

5-26-2020 -
A NEW LOG BOOK EXTENDING THIS ONE WAS
STARTED THIS DATE.