

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

CALIBRATION CARD **ALTIMETER**

P/N:	5934PD-3	C/N:	A.130	S/N:	
Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	A @		
-1,000	-10	14,000			
0	-5	16,000			
500	+5	18,000			
1,000	+5	20,000			
1,500	+10	22,000			
2,000	+5	25,000			
3,000	+10	30,000			
4,000	+5	35,000			
6,000	-10	40,000			
8,000	-25	45,000			
10,000	-30	50,000			
12,000	-25				

Date: 6-14-05 Tested By: [Signature] Inspected By: [Signature]

FORM QA-A5 (B)

UNITE

AIRCRAFT

1. Nationality and Registration NI76PS
2. Manufacturer's Designation DA 40
3. Manufacturer's Serial Number 40.551
4. Type Approval or Specification Number A-224/A47CE
5. Date of Manufacture 2005
6. Aircraft Inspection Cycle _____

BROUGHT FORWARD	HRS.	MIN.	HRS.	MIN.
	0	0	0	0

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED
 AIRCRAFT NEW WITH MARTZELL PROPELLER INSTALLED AS PER SEC. 16.1

Diamond

DIAMOND AIRCRAFT INDUSTRIES INC.
 D.O.T. APPROVED MANUFACTURER #161-93

SERIAL NUMBER

REGISTRATION MARK

40.551

N176PS

Diamond

I certify that the ATC Transponder & Altitude Reporting System(s) have been tested in Accordance with Standard 571, Appendix F F.A.R. 91:217: & F.A.R. 91:413.

DATE

INSPECTOR

24 August, 2005

[Signature] DA Q 42

Diamond

22 AUGUST 2005 S/N 40.551
 COMPASS DEVIATION, ALL ELECTRICS ON

FOR	N	30	60	E	120	150
STEER	001	030	060	090	120	151
FOR	S	210	240	W	300	330
STEER	181	211	240	270	301	332

INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS

DATE

INSPECTOR

24 August, 2005

[Signature] DA Q 5

AUG 24 2005	0	0	0	0	AIRCRAFT SERVICEABLE FOR FLIGHT
AUG 24 2005				1.0	
AUG 25 2005				1.0	AIRCRAFT SERVICEABLE FOR FLIGHT
AUG 25 2005				2.5	
AUG 30 2005				2.5	AIRCRAFT SERVICEABLE FOR FLIGHT
AUG 30 2005				3.9	
AUG 30 2005				4.5	
SEPT 02 2005				4.5	ALL DISCREPANCIES RECTIFIED

Diamond

DIAMOND AIRCRAFT INDUSTRIES INC.
 D.O.T. APPROVED MANUFACTURER #161-93

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO THE APPROVED TYPE DESIGN DATA AND IS IN A FIT AND SAFE STATE FOR FLIGHT.

DATE

INSPECTOR

02 September, 2005

[Signature] DA Q 42

GARMIN INTEGRATED AVIONICS SYSTEM INSTALLED AS PER STC No. SA0125442 AMEND. 2

DA
Q 42

I certify that the Static Pressure system has been inspected and tested in accordance with Standard 571, Appendix B of the Airworthiness Manual, and F.A.R. 91:411

DATE

INSPECTOR

24 August, 2005

DA
Q 42

The ELT was tested and inspected in Accordance with Standard 571, Appendix G of the Airworthiness Manual and F.A.R. 91:207(d)

ANNUAL INSPECTION DUE: AUGUST 2006
BATTERY DUE: OCTOBER 2007

DATE

INSPECTOR

24 August, 2005

DA
Q 42

DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS) AND IS SERVICEABLE.

DATE

INSPECTOR

24 August, 2005

DA
Q 42DA
Q 42

CA 396 393

DA
Q 42

CA 396 393

DA
Q 42

CA 396 393

CA 396 393

DA
Q 42

U.S. Standard Airworthiness Certificate, issued:

(Date) SEP 06 2005, has been installed in the aircraft on behalf of NE-MIDO-46 on:

(Date) SEP 06 2005(Print) R. SALTON (Signature) [Signature]

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			4.5		

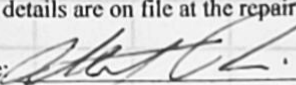


Date: 10/18/2005
Hobbs: 33.1
WO#: 4857

Reg#: N176PS
Aircraft S/N: 40.551

Removed GMU44 s/n 47505355, installed warranty exchanged GMU44 s/n 47505739. Performed software loading and configuration. Performed GMU44 calibration IAW Garmin 1000 System Maintenance Manual.

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

Signature:  FAA CRS VQVR013Y
Vero Beach Avionics, Inc. Vero Beach, FL. 32960 (772) 299-0770

MAKE: Diamond
 MODEL: DA-40
 S/N: 40.551
 REG. NO: 176PS
 WORK ORDER:
 400-11-2005

Premier Aircraft Service, Inc.
 5540 NW 23rd Avenue Hanger 14
 Fort Lauderdale, FL 33309
 Phone: (954) 334-2393

DATE: 11/18/2005
 A/C TSN: 28.4
 TACH: 28.4

Airframe Entries

C/W 25 HOUR INSPECTION I.A.W. DIAMOND M/M CHAPTER 5 INSPECTION GUIDE... R & R LH FUEL DRAIN VALVE W/ NEW. SAFETIED AS REQ.... REPAIRED AFT ENTRY DOOR HINGE. APPLIED TWO LAYERS OF CARBON FIBER (1.5" X 2.5") W/ LAMINATING RESIN. PAINT TO MATCH... INSTALLED NEW BREAKAWAY WIRE AS REQ. ON EMERGENCY POWER SWICTH.... C/W GARMIN SB 0533. INSTALLED SOFTWARE UPDATE IGRF P/N 006-D0159-01 VERSION 2005.00 G-1000 OP CHECK NORM.... ADJUSTED VOL AND SQ AS NEEDED, COM 1 AND 2 OP CHECK NORM.... C/W LYCOMING S/B NO. 342E FOR FUEL INJECTION LINES AND SUPPORT CLAMPS. FOUND TO BE AIRWORTHY AT THIS TIME.... C/W DIAMOND S/B 40-030/1 FOR FUEL SELECTOR VALVE. FOUND TO BE AIRWORTHY AT THIS TIME.... C/W DIAMOND MSB 40-007/4 FOR EXHAUST SYSTEM. FOUND TO BE AIRWORTHY AT THIS TIME.... C/W LYCOMING S/B 548A FOR FUEL PUMP. NO REPLACEMENT NEEDED AT THIS TIME.

I certify this aircraft has been inspected in accordance with a 100HR inspection and found in airworthy condition on this date.
 Approved for return to service on this date.

DATE: 11/18/2005

SIGNED

Richard Quiles, A&P: 0977223320

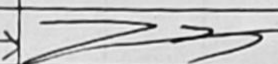
Work Order: 400-11-2005

Printed by EBis 3 (datcomedia.com)

CARRIED FORWARD

ENGINEERING RECORD

2

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
		DA Q 42

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 176PS
WORK ORDER:
427-12-2005

Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/14/2005
A/C TSN: 28.8
TACH: 28.8

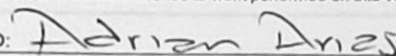
Airframe Entries

FOUND VOLTAGE REGULATOR INOP. REMOVED OLD VOLTAGE REGULATOR P/N VR200-28-1, S/N F070208 AND REPLACED WITH P/N VR2000-28-1, S/N RC0507161. OP'S CHECKED GOOD.

This aircraft/engine is approved for return to service with reference to work performed on this W/O on this date

DATE: 12/14/2005

SIGNED:



Adrian Arias, A&P: 2761974

Work Order: 427-12-2005

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 176PS
WORK ORDER:
488-02-2006

Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 2/16/2006
A/C TSN: 41.1
HOBBS: 65.5

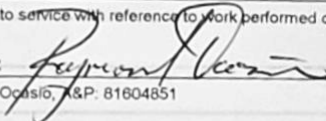
Airframe Entries

C/W NOSE LANDING GEAR INSPECTION MSB 40-046. FOUND NO DAMAGE ON LANDING GEAR LEG PIVOT POINT NOTED. NEXT INSPECTION DUE IN 200HRS>>>>C/W MANDATORY S/B NO MSB-40-044/1 INSTALLATION OF MUFFLER BRACE IAW SERVICE INSTRUCTIONS AND DA 40 M.M.>>>>PERFORMED 50 HOUR INSPECTION ON THIS AIRFRAME IAW DIAMOND INSPECTION GUIDE>>>>INSTALLED GDL-69A IAW GARMIN STC WI-OSB-40-042 AND DIAMOND DWG # DA4-2315-20-00/DA4-3144-62-00 AND DA4-9231-60-03 ALL GARMIN FUNCTIONS CHECKED OK. WEIGHT AND BALANCE REVISED AND 337 FILED FOR THIS INSTALLATION. INSTALLED GDL-69A IAW GARMIN STC WI-OSB-40-042 AND DIAMOND DWG # DA4-2315-20-00/DA4-3144-62-00 AND DA4-9231-60-03 ALL GARMIN FUNCTIONS CHECKED OK. WEIGHT AND BALANCE REVISED AND 337 FILED FOR THIS INSTALLATION.

This aircraft/engine is approved for return to service with reference to work performed on this W/O on this date

DATE: 2/16/2006

SIGNED:



Raymond Ocasio, A&P: 81604851

Work Order: 488-02-2006

Printed by EBis 3 (datcomedia.com)

VBA
Vero Beach Avionics, Inc.
Aircraft Log

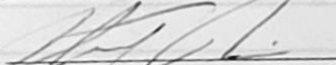
Date: 6/6/2006
Hobbs: 116.9
WO#: 5136

Reg#: N176PS
Aircraft S/N: 40.551

Removed GARMIN GRS77 s/n 47405200. Installed GARMIN GRS77 s/n 47405593. Performed software loading and testing IAW GARMIN G1000 System Maintenance Manual Diamond DA40 & 40F.

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

Signature:


Vero Beach Avionics, Inc. Vero Beach, FL. 32960 (772) 299-0770

FAA CRS VQVR013Y

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
726-07-2006



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 7/12/2006
A/C TSN: 83.6
TACH: 83.6

Avionics Entries

INSPECTED AHRS MOUNT RACK AND CONNECTOR NO FAULTS NOTED. CONFIRMED S/B 533 HAS BEEN C/W.
REPLACED FAULTY GMU 44 P/N 011-00870-00 S/N 47506916. PERFORMED AHRS AND GMU GROUND CALIBRATION. SYS
GROUND CHECKED NORM. I/AW GARMIN G-1000 AND DA-40 M/M.

This aircraft/engine is approved for return to service with reference to work performed on this W/O on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS.

DATE: 7/12/2006

SIGNED:

Raymond Ocasio, A&P: 81604851

Work Order: 726-07-2006

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 176PS
WORK ORDER:
700-06-2006

Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 6/16/2006
A/C TSN: 83.6
TACH: 83.6

Airframe Entries

REGISTRATION NUMBERS CHANGED FROM N176PS TO N125HL. DECALS PURCHASED THROUGH DIAMOND AIRCRAFT.

This aircraft/engine is approved for return to service with reference to work performed on this W/O on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS.

DATE: 6/16/2006

SIGNED:

Ray Bysiewicz, A&P: 45428550

Work Order: 700-06-2006

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-40

DATE: 6/27/2007
A/C TSN: 142.7
TACH: 142.7

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
1263-06-2007



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

Airframe Entries

COMPLIED WITH RSB-D4-052. RELOCATED GMU 44, INSTALLED EXTENSION HARNESS AND PANEL
COVER ASSY IAW SERVICE INSTRUCTIONS.... PERFORMED GMU MAG INTERFERENCE TEST AS
PER GARMIN G1000 M/M.

This aircraft/engine is approved for return to service with reference to work performed on this W/O on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS.

DATE: 6/27/2007

SIGNED:

Emmanuel Vicioso, A&P: 592157851

Work Order: 1263-06-2007

Printed by EBis 3 (datcomedia.com)

Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 10/26/2007
A/C TSN: 195.8
TACH: 195.8

Airframe Entries

OBTAIN FERRY PERMIT TO FERRY PLANE TO PREMIER FACILITY FOR MAINTENANCE. THIS AIRCRAFT
HAS BEEN INSPECTED - FOUND OK FOR FERRY FLIGHT VLOS - FFE.

DATE: 10/26/2007

SIGNED:

Jack Wesley Dale, IA: 456967085

Work Order: 1579-10-2007

Printed by EBis 3 (datcomedia.com)

Premier
Service

Premier Aircraft Service,. Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

OL SURFACE WITH NEW IAW DA40 M/M. S/N 40.77

h to service with reference to work performed on this W/O on th

SIGNED:

Manuel Vicoso, A&P: 592157851

iamond
DA-40
51
125HL
ORDER:
06



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE
A

Entries

ANNUAL INSPECTION IAW FAR 43 APPENDIX D AND DA-40 M/M ANNUAL INSPECTION GUIDE. PERFORMED
TION AND FUNCTIONAL CHECK OF ELT IAW FAR 91.207 d ELT BATTERY DUE DATE 10/07.

ft/engine is approved for return to service with reference to work performed on this W/O on this date. THIS RELEASE IN NO WAY
AIRWORTHINESS.

12/22/2006

SIGNED:

Jack Wesley Dale, IA: 456967085

Work Order:

Printed by EBIs 3 (date)

iamond
A-40
25HL
ORDER:
07



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE
A

Entries

FERRY PERMIT TO FERRY PLANE TO PREMIER FACILITY FOR MAINTENANCE. THIS AIRCRAFT
WAS INSPECTED - IAW DA-40 FOR FERRY FLIGHT VRS-FXL.

Business determination made at this time

12/26/2007

SIGNED:

Jack Wesley Dale, IA: 456967085

Work Order: 1

CARRIED FORWARD Printed by EBIs 3 (date)

ENGINEERING RECORD

3

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
1579-10-2007



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 11/1/2007
A/C TSN: 196.5
TACH: 196.5

Airframe Entries

C/W ANNUAL INSPECTION IAW FAR 43 APPENDIX D AND DA40 M/M ANNUAL INSPECTION GUIDE. PERFORMED INSPECTION AND FUNCTIONAL CHECK OF ELT IAW FAR 91.207 d. NEW ELT BATTERY DUE DATE: OCT 2009.... C/W WI-OSB-40-057 GROSS WEIGHT INCREASE. INSTALLED NEW BUSHING P/N ESB-30, REPLACED PLACARD, AND UPDATED POH.... REPLACED LH MAIN TIRE WITH NEW P/N 15X600-6-6 MICHELIN/AV. TORQUED WHEEL HALFS AND RE INSTALLED IAW DA40 M/M.... REPLACED ELT BATTERIES AND TESTED ELT FUNCTION IAW DA40 M/M. NEXT ELT BATTERY CHANGE OCT 31, 2009.... BLEED CO PILOT BRAKE SYSTEM WITH MIL-H-5606 HYD FLUID. OPS CHECKED GOOD.... C/W A.D. 2007-11-21 BY INSPECTION OF FUEL SELECTOR SHAFT. NO DEFECTS NOTED. NEXT INSPECTION DUE IN 1000 HOURS... C/W AD 2007-17-06 BY INSPECTION OF NOSE LANDING GEAR. NO DEFECTS NOTED NEXT INSPECTION DUE IN 200 HOURS.

I certify this aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition on this date. Approved for return to service on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

DATE: 11/1/2007

SIGNED:

Jack Wesley Dale, IA: 456967085

Work Order: 1579-10-2007

Printed by EBis 3 (datcomedia.com)

Date: November 20, 2008

~~125HL~~ N125HL

Hobbs: 310.2

Installed Oil Cooler face Plate assembly, P/N C41-7609-01-00. Work performed as per instructions, STC # SA02476CH-D, instructions 102706 Rev. C. Hardware to Secure, MS24694-S52 Screws, MS21042-3 locking nuts, AN960-10 washers. Checked with cowl, found satisfactory.

Nathan Rigaud A&P

LOGBOOK ENTRY: DA 40
THE STATIC PRESSURE SYSTEM, TRANS-
TESTED AND INSPECTED I/A/W FAR43
AND IS APPROVED FOR RETURN TO SER-
AT THIS REPAIR STATION UNDER

SIGNATURE Mark B. C
TROPIC RADIO INC. 2695 N.W.
FT. LAUDERDALE FL 33309 F
FT. LAUDERDALE EXECUTIV
TELEPHONE # 954-776-4030

GTX 33 S/N 89101
GDC 74 S/N 4780

CERTIFICATION EXPIRES C



TROPIC RADIO INC.

2695 N. W. 56TH ST. HANGER 53-A
FT. LAUDERDALE, FL 33309

FAA APPROVED REPAIR STATION #RZARS10M
FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAMP"

PHONE: 954-776-4030



Make and Model UNITED ALTIMETER
Part No: 5934PD-3
Customer: PREMIER A/C Sales Serial No: 443863
Inspected By: (MBO) Date: Dec 10, 2008

The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service. Altimeter Calibrated to 20,000 Ft. I.A.W. FAR PART 43, APP E, (b) (FAR 91.411) Pertinent details of this inspection are on file at this Agency under Work Order # 8935 Authorized Representative Mark B. Almeida Date Dec 10, 2008

SERVICEABLE

ENGINEERING RECORD

3

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
1579-10-2007



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 11/1/2007
A/C TSN: 196.5
TACH: 196.5

Airframe Entries

C/W ANNUAL INSPECTION IAW FAR 43 APPENDIX D AND DA40 M/M ANNUAL INSPECTION GUIDE. PERFORMED INSPECTION AND FUNCTIONAL CHECK OF ELT IAW FAR 91.207 d. NEW ELT BATTERY DUE DATE: OCT 2009.... C/W WI-OSB-40-057 GROSS WEIGHT INCREASE. INSTALLED NEW BUSHING P/N ESB-30, REPLACED PLACARD, AND UPDATED POH.... REPLACED LH MAIN TIRE WITH NEW P/N 15X600-6-6 MICHELIN/AV. TORQUED WHEEL HALFS AND RE INSTALLED IAW DA40 M/M.... REPLACED ELT BATTERIES AND TESTED ELT FUNCTION IAW DA40 M/M. NEXT ELT BATTERY CHANGE OCT 31, 2009.... BLEED CO PILOT BRAKE SYSTEM WITH MIL-H-5606 HYD FLUID. OPS CHECKED GOOD.... C/W A.D. 2007-11-21 BY INSPECTION OF FUEL SELECTOR SHAFT. NO DEFECTS NOTED. NEXT INSPECTION DUE IN 1000 HOURS... C/W AD 2007-17-06 BY INSPECTION OF NOSE LANDING GEAR. NO DEFECTS NOTED NEXT INSPECTION DUE IN 200 HOURS.

I certify this aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition on this date. Approved for return to service on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

DATE: 11/1/2007

SIGNED:

Jack Wesley Dale, IA: 456967085

Work Order: 1579-10-2007

Printed by EBis 3 (datamedia.com)

Date: November 20, 2008

~~125HL~~ N125HL

Hobbs: 310.2

Installed Oil Cooler face Plate assembly, P/N C41-7609-01-00. Work performed as per instructions, STC # SA02476CH-D, instructions 102706 Rev. C. Hardware to Secure, MS24694-S52 Screws, MS21042-3 locking nuts, AN960-10 washers. Checked with cowl, found satisfactory.

Nathan Rigaud A&P

LOGBOOK ENTRY: DA 40 N125HL TACH 245.9
THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413) AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE AT THIS REPAIR STATION UNDER W.O. 8935 DATE Dec 10, 08

SIGNATURE Mark B. Aucandia INSP. (M86)
TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A
FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M
FT. LAUDERDALE EXECUTIVE AIRPORT * ARCHER RAMP *
TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM
GTX 33 S/N 89101477
GDC 74 S/N 47802433

CERTIFICATION EXPIRES ON Dec 31, 2010

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
2577-12-2008



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/16/2008
A/C TSN: 245.9
TACH: 245.9

Airframe Entries

INSTALLED KIT NUMBER PFS-15102 POWER FLOW SYSTEMS EXHAUST ASSY I/A/W STC SA03281AT. WEIGHT AND BALANCE REVISED AND 337 FILED FOR THIS MODIFICATION.... INSTALLED DIAMOND G1000 SOFTWARE VERSION 0321.19 I/A/W GARMIN S/B 0805A AND G1000 FIELD UPDATE INSTRUCTION 190-00544-03 REV.1. SYSTEM GROUND CHECKS AND TESTS OK REVISED P/O/H. WEIGHT AND BALANCE NOT REQUIRED.... REPLACED NOSE GEAR SHOCK DISCS WITH NEW. ADJUSTED AND RE INSTALLED SHOCK DISC LEG ASSY IAW DA40 M/M.... REPLACED ALL BRAKE LININGS.... REPLACED ALTERNATOR COOLING DUCT.... C/W AD 2007-17-06 BY INSPECTION OF NOSE LANDING GEAR. NO DEFECTS NOTED NEXT INSPECTION DUE IN 200 HOURS.... COMPLIED WITH DIAMOND MSB 40-054 REINFORCEMENT OF PITOT, STATIC AND STALL WARNING LINES.... C/W DIAMOND MSB40-058. INSTALLED INLINE 100 OHM RESISTOR P/N DA42408-44-MOD ON ALTERNATOR SYSTEM.... REPLACED RIGHT NAV LIGHT BULB.... REPLACED RIGHT TIRE WITH NEW P/N 15X800-6-8GDYFSII.... C/W 100HR INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX d AND DA40 M/M 100 HOUR INSPECTION GUIDE CHAPTER 5. C/W FAR 91.207 d ELT INSPECTION AND FUNCTIONAL CHECK. ELT CHANGE DUE: OCT 2009.

A&P # 2074804
MECH: GUS JACQUES

SIGN:

I certify this propeller has been inspected in accordance with an ANNUAL INSPECTION and found in airworthy condition on this date. Approved for return to service on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

DATE: 12/16/2008

SIGNED:

JON RANNEY, IA: 2773237

Work Order: 2577-12-2008

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
3357-12-2009



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/16/2009
A/C TSN: 310.5
TACH: 310.5

Airframe Entries

REPLACED EMERGENCY BATTERY PACK WITH NEW P/N D41-2560-93-00.... C/W AD 2007-17-06 NOSE GEAR PIVOT AXLE INSPECTION IAW DIAMOND MSB40-046. NO DISCREPANCIES NOTED. NEXT DUE IN 200 HRS OR NEXT ANNUAL WHICHEVER COMES LATER.... C/W GARMIN MSB 0919 SOFTWARE UPGRADE FROM 0321.19 TO VERSION 0321.22 FIELD UPGRADE. CONFIGURATION 3 INSTALLED. ALL G1000 FUNCTIONS GROUND CHECKED NORM. P/O/H SUPPLEMENT REVISED.... CLEANED SURFACE CORROSION FROM HORIZONTAL STAB MOUNT BRACKET AND TREATED WITH CORROSION-X.... REMOVED SURFACE CORROSION FROM RH CABIN STEP ATTACHING BOLTS.... REPLACED LH AND RH WING ROOT SEALS.... REMOVED CORROSION FROM ALERON TRIM TAB. PAINTED AND REINSTALLED.... REMOVED SURFACE CORROSION FROM LEFT AND RIGHT AILERON AND FLAP CONTROL HARDWARE AS REQUIRED AND TREATED WITH CORROSION-X.... REPLACED NUTS ON LH AND RH FLAP TORQUE TUBE ATTACHING BOLTS.... REPLACED MFD GDU 1040 DISPLAY WITH O/H UNIT P/N 011-00972-00 S/N 86503650 LOADED G1000 SOFTWARE VER. 321.22. UPDATED NAV DATA SYSTEM CHECK OUT OK.... REMOVED LEFT WING. REMOVED LEFT FUEL TANK ASSY. CLEANED AND LUBED THREADS ON OTBD FUEL SENDING UNIT. RE INSTALLED FUEL TANK ASSY AND WING IAW DA40 M/M.... REMOVED RIGHT WING. REMOVED RIGHT FUEL TANK ASSY. CLEANED AND LUBED THREADS ON INBD AND OTBD FUEL SENDING UNITS. RE INSTALLED FUEL TANK ASSY AND WING IAW DA40 M/M.... CHARGED AIRCRAFT BATTERY AS REQUIRED.... C/W 100 HR INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX d AND DA40 M/M CH 5 100 HOUR INSPECTION GUIDE. C/W FAR 91.207 d ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 12/2010.

A&P # 2761974
MECH: ADRIAN ARIAS

SIGN:

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION ON THIS DATE. APPROVED FOR RETURN TO SERVICE. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

DATE: 12/16/2009

SIGNED:

JONATHAN RANNEY, IA: 2773237

Work Order: 3357-12-2009

Printed by EBis 3 (datcomedia.com)

ENGINEERING RECORD

4

Date: 04/20/10

Airframe Log
Model: DA 40N125HL
SN: 40.551

Tach: 398.7

ACTT: 398.7

Top Charged and installed new aircraft battery. Installed P/N 24-15M S/N 40340650. Replaced left Fuel drain with new, P/N CAV 180.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO# 26975

Signature: *Joseph A. Maschi* A & P 1980496 Joe Maschi
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772)562-9257

N125HL

HOBBS 437.2

7-12-10

REPLACED LH MAIN TUBE WITH SERVICEABLE.

Ian H. McBride
IAN H. MCBRIDE
A&P 3192058

GDC74 # 47802433 AIR DATA COMPUTER ERROR OUT
OF TOLERANCES. INSTALLED FACTORY EXCHANGE GDC74
47808645. LYNCH AVIONICS KT4R322M F.M. 12-15-2010 TAT 458.1 WO# 1365

Lynch Avionics
Ft. Lauderdale, Fla. 33311

FAA # KT4R322M

Completed 91.411 Altimeter test per FAR 43

#1 P/N GDC74 S/N 47808645#2 P/N 5934PD-3 S/N 443863

Completed 91.413 Transponder test per FAR 43

#1 P/N GTX33 S/N 89101477#2 P/N — S/N —

Completed 91.411 Encoder test per FAR 43

#1 P/N GDC74 S/N 47808645#2 P/N — S/N —

Completed 91.411 Static system test per FAR 43

Work order # 1365 Date 12-15-2010Sign f.m. 12-15-2010 A/C # 1Model #: 5934PD-3Serial #: 443863

Altimeter Reads	Reads	
	Room Temp.	Hys.
-1000	0	—
0	0	—
500	6	—
1000	0	—
1500	+10	—
2000	0	—
2500	+10	—
3000	+10	—
4000	+10	—
6000	-10	—
8000	-10	+10
10000	-10	+10

Altimeter Reads	Reads	
	Room Temp.	Hys.
12000	-10	—
14000	-10	—
16000	+10	—
18000	+20	—
20000	+30	—
25000	—	—
30000	—	—
35000	—	—
40000	—	—
45000	—	—
50000	—	—

Date: 12-15-2010Work Order # 1365Tested By: f.m. 12-15-2010

LYNCH AVIONICS FAA # KT4R322M PH. 954-359-0088

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
4025-12-2010



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/23/2010
A/C TSN: 371.9
TACH: 371.9

Airframe Entries

(2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING DIAMOND DA40 M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: DEC 2014. ADS CHECKED THROUGH 2010-24.... (6) RE INSTALLED CONNECTION ON CO PILOT CABIN VENT DUCT AND OUTLET AS REQUIRED.... (7) C/W AD 2009-10-04 NOSE GEAR PIVOT AXLE INSPECTION IAW DIAMOND MSB40-046. NO DEFECTS NOTED AT THIS TIME. NEXT INSPECTION DUE: 571.5 OR 12-31-2011.... (9) C/W GARMIN REPLACEMENT OF 5 LIGHTNING PROTECTION SLOW BLOW FUSES IAW THE GARMIN G1000 AIRWORTHINESS LIMITATIONS SECTION 4.1. REPLACED FUSES WITH NEW P/N 31303.2.... (10) C/W DIAMOND MSB42-077 EMERGENCY EXIT LEVER INSPECTION. REMOVED SILICONE FROM HANDLE AND LIGHT PANEL ASSY AND APPLIED DIAMOND SEALANT AS REQUIRED.... (11) C/W DIAMOND MSB40-070 REPLACEMENT OF PASSENGER DOOR RETAINING BRACKET.... (15) INSTALLED NEW LEFT AND RIGHT WING JACK PADS AND PAINTED AS REQUIRED.

40.067
Premier

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.

SIGNED FOR PREMIER AIRCRAFT SERVICE, INC FAA REPAIR STATION # 9PRR402B

DATE: 12/23/2010

SIGNED:

Adrian Arias

Adrian Arias

Work Order: 4025-12-2010

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
4065-12-2010



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/29/2010
A/C TSN: 372.9
TACH: 372.9

Airframe Entries

(2) REPLACED PFD GDU1040 DISPLAY WITH NEW UNIT P/N 011-00972-00 S/N 86500841 RELOADED G1000 SOFTWARE VERSION 321.22 UPDATED CONFIGURATION AND LOADED CURRENT NAV DATA BASE. G1000 CHECK OUT OK IAW GARMIN G1000 M/M.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.

SIGNED FOR PREMIER AIRCRAFT SERVICE, INC FAA REPAIR STATION # 9PRR402B

DATE: 12/29/2010

SIGNED:

Ray Bysiewicz

Ray Bysiewicz

Work Order: 4065-12-2010

Printed by EBis 3 (datcomedia.com)

CARRIED FORWARD

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
4650-12-2011



Premier Aircraft Service, Inc.

Repair Station No. 9PRR402B
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/30/2011
A/C TSN: 424.5
TACH: 424.5

5

ENTRIES. Airframe Entries

(2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING DIAMOND DA40 M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 12-2014. ADS CHECKED THROUGH 2011-25.... (5) C/W CONTINUED AIRWORTHINESS ANNUAL REQUIREMENTS FOR POWER FLOW SYSTEM IAW WITH PFS 15250-00 REV E CHAPTER 5 DATED JUNE 10, 2010.... (7) C/W DIAMOND DA-40 MANDATORY 5 YR REPLACEMENT OF RUDDER CABLES IAW CH.4 AIRWORTHINESS LIMITATIONS.... (8) C/W AD 2009-10-04 NOSE GEAR PIVOT AXLE INSPECTION IAW DIAMOND MSB40-046. NO DEFECTS NOTED AT THIS TIME. NEXT INSP DUE 200 HRS FROM THIS TIME OR ANNUAL WHICHEVER COMES LATER.... (9) REPLACED EMERGENCY BATTERY PACK WITH NEW P/N D41-2560-93-00 IAW DIAMOND DA40 M/M CH4 CONTINUED AIRWORTHINESS.... (10) REPLACED EXHAUST TAIL PIPE SUPPORT STRAP WITH NEW.... (11) REPLACED LEFT AND RIGHT MAIN TIRES WITH NEW P/N 15X600-6-6 GDY FSII IAW DA40 M/M CH 32.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED I.A.W. CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.

DATE: 12/30/2011

SIGNED: *AdA*

Work Order: 4650-12-2011

Printed by EBis 3 (datcomedia.com)

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TROPIC RADIO INC.

2695 N. W. 56TH ST. HANGER 53-A
FT. LAUDERDALE, FL 33309

FAA APPROVED REPAIR STATION #RZAR510M
FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAMP"
PHONE: 954-776-4030



SERVICEABLE

Make and Model Garmin GDC
Part No: GDC 74
Customer: Premier A/C Sales Serial No: 478 024 33
Inspected By: msd Date: DEC 19, 12
The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service. Altimeter Calibrated to 20,000 Ft. I.A.W. FAR PART 43, APP E, (b) (FAR 91.411) Pertinent details of this inspection are on file at this Agency under Work Order # 121912
Authorized Representative Mark B. Alencar
Date DEC 19, 2012

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
5290-12-2012



Premier Aircraft Service, Inc.

Repair Station No. 9PRR402B
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 1/9/2013
A/C TSN: 482.2
TACH: 482.2

Airframe Entries

(2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING DA40 M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: DEC 2014. ADS CHECKED THROUGH CURRENT ON ATP.... (7) C/W POWER-FLOW EXHAUST CONTINUED AIRWORTHINESS DISASSEMBLY, INSPECTION AND SLIP JOINT LUBRICATION IAW MM PFS-15250-00. NO DEFECTS NOTED AT THIS TIME.... (8) C/W GARMIN GFC 700 FLAP IN-MOTION INPUT CHECK IAW GARMIN DA40 AIRWORTHINESS LIMITATIONS SEC 4.1. NO DEFECTS NOTED AT THIS TIME.... (9) C/W SYSTEMS AND NAV DATA REVISION CHECK. REVISION IS 321.22. OBSTACLE EXP 8/2008. AVIATION EXP 12/12.... (10) C/W GARMIN REPLACEMENT OF 5 LIGHTNING PROTECTION SLOW BLOW FUSES IAW THE GARMIN G1000 AIRWORTHINESS LIMITATIONS SECTION 4.1.... (13) REMOVED NOSE WHEEL PANTS AND RE INSTALLED AFTER PAINT REPAIRS.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED I.A.W. CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.

DATE: 1/9/2013

SIGNED: *Richie Quiles*

Work Order: 5290-12-2012

Richie Quiles
Certified Repair Station No. 9PRR402B

Printed by EBis 3 (datcomedia.com)

DATE	HRS	MAKE: Diamond MODEL: DA-40 S/N: 40.551 REG. NO: 125HL WORK ORDER: 5670-08-2013		Premier Aircraft Service, Inc. Repair Station No. 9PRR402B 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393	DATE: 8/5/2013 A/C TSN: 511.9 TACH: 511.9
BROUGHT FORWARD		Airframe Entries (2) REMOVED AND REPLACED RUDDER CABLES IAW DIAMOND MMCH 27-20, CH 6-00, AND AC 43-13-1B CH 7 SECTION 8. OPS CHECK GOOD. MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.			
		DATE: 8/5/2013	SIGNED: 	Work Order: 5670-08-2013	
		Rich Quiles Certified Repair Station No. 9PRR402B		Printed by EBis 3 (datcomedia.com)	

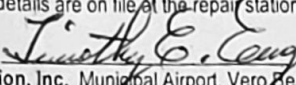
Aircraft Log

Date: 3-6-13
 HOBBS: 593.3
 WO: A001002

Reg#: N125HL
 Aircraft S/N 40.551

Work Accomplished: Confirmed Co-Pilot PTT In-op. Troubleshoot system and found connector under Co-Pilot floor to Co-Pilot PTT wiring good. Traced wiring to behind instrument panel to Connector J/P2405 had Pin 54 recessed, removed pin and reinstalled and locked pin in connector. Operational checked aircraft audio system and system checked normal IAW manufacturers specifications. Reassembled aircraft and returned aircraft to service.

MAINTENANCE RELEASE: All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature:  CWD470D
 Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

1 of 2

MAKE: Diamond MODEL: DA-40 S/N: 40.551 REG. NO: 125HL WORK ORDER: 5928-01-2014		Premier Aircraft Service, Inc. Repair Station No. 9PRR402B 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393	DATE: 2/13/2014 A/C TSN: 547.1 TACH: 547.1
Airframe Entries (3) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING DA40 M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 2/2016. ADS CHECKED THROUGH CURRENT ON ATP.... (7) C/W AD 2009-10-04 NOSE GEAR PIVOT AXLE INSPECTION IAW DIAMOND MSB40-046. NO DEFECTS NOTED AT THIS TIME.... (8) REMOVED AND REPLACED EMERGENCY BATTERY PACK P/N D41-2560-93-00 IAW DIAMOND MM CH 24-32. OPS CHECK GOOD. BATTERY DUE DATE FEB2016.... (9) COMPLIED WITH STEP 23 OF ENGINE INSPECTION GUIDE DIAMOND DA40 MM CH 5-28. REMOVED LOWER LEFT HAND ENG MOUNT TO FIREWALL ATTACHMENT BOLT. INSPECTED FOR CORROSION NONE NOTED AT THIS TIME.... (10) REMOVED AND REPLACED NOSE LANDING GEAR STOP PLATE WITH NEW, P/N: D41-3223-00-51 IAW DIAMOND DA40 M/M CH.32-20.... (11) REMOVED AND INSTALLED NEW ELT BATTERIES P/N DURACELL D-CELL IAW DIAMOND MM CH 25-60. ELT BATTERY DUE DATE FEB2016.... (12) REMOVED, CLEANED, RESEALED, AND REINSTALLED RIGHT WING INBOARD AND OUTBOARD FUEL PROBE IAW DIAMOND DA40 MM CH 28-10&28-40. REMOVED AND REINSTALLED RIGHT WING IAW DIAMOND DA40 MM CH 57-10.... (16) INSTALLED MISSING WHEEL FAIRING HARDWARE AS NECESSARY.... (17) REMOVED, CLEANED, RESEALED, AND REINSTALLED LEFT OUTBOARD FUEL PROBE WITH NEW P/N 3010050-WIP IAW DIAMOND DA40 MM CH 28-10 & 28-40. REMOVED AND REINSTALLED LEFT WING IAW DIAMOND DA40 MM CH 57-10.... (18) RESEALED VOIDS IN TAIL SKID WITH SEALANT.... (19) REMOVED AND REPLACED LEFT MAIN TIRE WITH NEW, P/N: 15X600-8-6GDYFSII, IAW DIAMOND DA40 M/M CH.32-40.... (20) C/W SYSTEMS AND NAV DATA REVISION CHECK. REVISION IS V22. OBSTACLE AND NAV DATA OUT OF DATE.... (21) REMOVED AND REPLACED NOSE TIRE WITH NEW, P/N 500-5-6GDY FSII IAW DIAMOND DA40 M/M CH.32-40.... (23) REMOVED AND REPLACED ELT REMOTE SWITCH BATTERY WITH NEW, IAW DIAMOND DA40 M/M CH.25-60. NEXT DUE 2/2019.... (25) REMOVED AND REPLACED CABIN HEAT SCAT HOSE WITH NEW AS NECESSARY.... (30) REMOVED AND RESEALED REAR READING LIGHT AS REQUIRED.... (37) PERFORMED AIR TEST AS REQUIRED PER REMOVAL AND INSTALLATION OF WINGS. FLIGHT PERFORMED BY PILOT CORBIN HALLARAN. DISCREPANCIES THAT FOLLOW WERE FOUND DURING THE RTS FLIGHT.... (39) RTS FLIGHT PERFORMED BY PILOT			
CARRIED FORWARD			

CORBIN HALLARAN. DISCREPANCIES THAT FOLLOW WERE FOUND DURING THE RTS FLIGHT... (40) REMOVED AND REPLACED #4 EGT PROBE OPS CHECK GOOD

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION ON THIS DATE. APPROVED FOR RETURN TO SERVICE ON THIS DATE.

ENTRIES. DRAW 1

DATE: 2/13/2014

SIGNED:

Work Order: 5928-01-2014

Rich Quiles
Certified Repair Station No. 9PRR402B

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
5928-01-2014

Premier
Aircraft Service

Premier Aircraft Service, Inc.

Repair Station No. 9PRR402B
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 2/13/2014
A/C TSN: 547.1
TACH: 547.1

Airframe Entries

(29) SEALED TRANSPONDER ANTENNA AS REQUIRED.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED I.A.W. CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION OFFICE.

DATE: 2/13/2014

SIGNED:

Work Order: 5928-01-2014

Sam Tavares
Certified Repair Station No. 9PRR402B

Printed by EBis 3 (datcomedia.com)

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CERTIFIED



TROPIC RADIO INC.
2695 N. W. 56TH ST. HANGER 53-A
FT. LAUDERDALE, FL 33309
FAA APPROVED REPAIR STATION #RZAR510M
FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAMP"
PHONE: 954-776-4030



SERVICEABLE

Make and Model GARMIN AIR DATA COMPUTER
Part No: GDC 74 Serial No: 47808645
Customer: Premier A/C Sales
Inspected By: MBW Date: MARCH 02, 2015
The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service.
Altimeter Calibrated to 20,000 Ft. I.A.W. FAR PART 43, APP E, (b) (FAR 91.411)
Pertinent details of this inspection are on file at this Agency under Work Order # 30215
Authorized Representative Mark B. Alcantara
Date March 02, 2015

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
6508-02-2015

Premier
Aircraft Service

Premier Aircraft Service, Inc.

Repair Station No. 9PRR402B
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 3/4/2015
A/C TSN: 585.2
TACH: 585.2

Airframe Entries

(2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING DA40-180 M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 02/2016. ADs CHECKED THROUGH CURRENT ON ATP... (6) INSTALLED NEW CLAMP ON ALTERNATOR COOLING AIR HOSE AS REQUIRED... (9) COMPLIED WITH GARMIN REPLACEMENT OF 5 LIGHTNING PROTECTION SLOW BLOW FUSES IAW THE GARMIN G1000 AIRWORTHINESS LIMITATIONS SECTION 4. NEXT REPLACEMENT DUE 03/2016... (12) C/W POWERFLOW EXHAUST CONTINUED AIRWORTHINESS DISASSEMBLY, INSPECTION AND SLIP JOINT LUBRICATION IAW MM PFS-15250-00. NO DEFECT NOTED AT THIS TIME... (13) PERFORMED CAPACITANCE TEST ON AIRCRAFT BATTERY S/N 40340650 IAW CMM M/M CAPACITY TEST PROCEDURE. BATTERY FAILED WITH 50.6% AT 30.4 MIN... (14) REPLACED MAIN BATTERY WITH NEW P/N RG24-15M, S/N 40712261 IAW DA40-180 M/M CH 24-31... (15) BLEED CO PILOT BRAKES IAW DA40 M/M CH 32-40. OPS CHECK GOOD... (26) REPLACED REAR OVERHEAD LIGHT SOCKET ASSY WITH SERVICEABLE ASSY P/N DA9033-00-01. OPS CHECKED GOOD... (27) INSTALLED DECALS TO READ 25 US GAL AND 94 L ON FUEL SELECTOR PLACARD IAW DA40 M/M CH 11-30-00... (28) RTS FLIGHT PERFORMED BY PILOT DAVID POMERANCE. NO DISCREPANCIES PERTAINING TO ITEMS ON THIS WORK ORDER HAVE BEEN FOUND DURING THE RTS FLIGHT.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION ON THIS DATE. APPROVED FOR RETURN TO SERVICE ON THIS DATE.

DATE: 3/4/2015

SIGNED:

Work Order: 6508-02-2015

Emmanuel Vicoso
Certified Repair Station No. 9PRR402B

Printed by EBis 3 (datcomedia.com)

AIR TIME AND

DATE

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
7044-03-2016



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2363

4/01/2016 DATE: 4/01/2016
A/C TSN: 609.6
TACH: 609.6

CORD

AS REQUIRED FOR COMPLETION

BROUGHT
FORWARD

Airframe Entries

(3) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING DA40-180 M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 03/2019. ADs CHECKED THROUGH CURRENT ON ATP.... (9) C/W DIAMOND DA40 MANDATORY 2 YR REPLACEMENT OF EMERGENCY BATTERY IAW CH.4 AIRWORTHINESS LIMITATIONS. DUE DATE 03/2018.... (10) C/W POWERFLOW EXHAUST CONTINUED AIRWORTHINESS DISASSEMBLY, INSPECTION AND SLIP JOINT LUBRICATION IAW MM PFS-15250-00. NOT DEFECTS FOUND AT THIS TIME.... (11) REPLACED CABIN HEAT HOUSING INLET DUCT WITH NEW P/N SCAT12 AS REQUIRED.... (12) REPLACED RUDDER AFT BELLCRANK GROUND STRAP TERMINAL END WITH NEW IAW AC43.13-1B, CH 11.... (13) ADJUSTED LEFT FLAP UP POSITION IAW DA40 M/M, CH 27-50-00. OPS CHECK GOOD.... (14) ADJUSTED MIXTURE CONTROL CABLE ON LEVER IAW DA40-180 M/M CH 78-02-00. OPS CHECK GOOD.... (15) ADJUSTED ALTERNATOR BELT TENSION IAW DA40-180 M/M CH 24-30-00. OPS CHECK GOOD.... (17) REPLACED OIL COOLER SEAL WITH NEW AS REQUIRED.... (19) CLEANED AND ADJUSTED ELEVATOR TRIM SHAFT FRICTION BLOCK TO SPECS IAW DA40-180 M/M CH 27-38. OPS CHECK GOOD.

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 3/21/2016

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 7044-03-2016

Printed by EBIS 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
7060-03-2016



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2363

DATE: 4/4/2016
A/C TSN: 610.6
TACH: 610.6

Airframe Entries

(2) REMOVED A/P PITCH SERVO P/N 065-00198-2500, S/N 8365 AND RE INSTALLED AFTER REPAIRS BY PALM BEACH AVIONICS, UNDER W/O W090-4A. PERFORMED KAP-140 AUTOPILOT PFT AND GROUND SYSTEM CHECK, NO FAULTS NOTED.

DATE: 4/4/2016

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 7060-03-2016

Printed by EBIS 3 (datcomedia.com)

LOGBOOK ENTRY:

DA-40

N 125HL

ACT: 6361



TROPIC RADIO INC.

2695 N. W. 56TH ST. HANGER 53-A
FT. LAUDERDALE, FL 33309

FAA APPROVED REPAIR STATION #RZ4R510M
FT. LAUDERDALE EXECUTIVE AIRPORT *ARCHER RAMP*

PHONE: 954-776-4030



WAS IDENTIFIED
F (FAR91.413)
EST IS ON FILE
13, 2017

ION # RZ4R510M

SERVICEABLE

Make and Model GARMIN AIR DATA COMPUTER

Part No: 6DC74 Serial No: 47808645

Customer: Premier A/C Sales

Inspected By: M30 Date: June 13, 2017

The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service.

Altitude Calibrated to 2000 Ft. I.A.W. FAR PART 43, APP E, (b) (FAR 91.411)

Pertinent details of this inspection are on file at this Agency under Work Order # 61317

Authorized Representative Mark B. Alexander

Date June 13, 2017

ENGINEERING RECORD

7

LOGBOOK ENTRY:
N125HL S/N 40.551
DIAMOND AIRCRAFT DA40 AIRCRAFT TT: 636.1
JUNE 13, 2017

REMOVED GARMIN GTX 33 TRANSPONDER.
INSTALLED NEW GARMIN GTX 345R ADSB OUT/IN TRANSPONDER IN SAME LOCATION.
TRANSPONDER INSTALLED I/A/W GTX 345 PART 23 AML STC INSTALLATION MANUAL P/N 190-00734-10 DATED JULY 2016 REV 6 AND VERIFIED THIS INSTALLATION IS APPROVED UNDER STC# SA01714WI APPROVED MODEL LIST. UNIT TESTED AND INSPECTED I/A/W FAR 91.413 FOUND SATISFACTORY. AN FAA APPROVED FLIGHT MANUAL SUPPLEMENT FOR THE GTX 345 TRANSPONDER WITH GPS HAS BEEN ISSUED FOR THIS AIRCRAFT.
NO CHANGES IN WEIGHT AND BALANCE.

Mark B. Alicandro
MARK B. ALICANDRO
AP3473790IA

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
7543-04-2017



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 6/15/2017
A/C TSN: 636.1
TACH: 636.1

Airframe Entries

- (3) COMPLIED WITH ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA40-180 MM INSPECTION GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 03/2019. ADS CHECKED THROUGH CURRENT ON ATP.
- (8) REPLACED EXHAUST TAIL PIPE SUPPORT STRAP IN COMPLYING WITH POWERFLOW EXHAUST CONTINUED AIRWORTHINESS DISASSEMBLY, INSPECTION.
- (13) REPLACED OIL COOLER FORWARD BRACKET SEAL WITH NEW P/N T-2002-8 AS REQUIRED.
- (14) REMOVED PAINT, CLEANED AND PAINTED BATTERY COVER WITH FIRE PAINT IAW DA40 180 M/M CH 51-30-00.
- (15) REMOVED AND REPLACED TRANSPONDER ANTENNA IAW DIAMOND STAR DA40-180 MM 34-56-00. REFERRED TESTING TO ADS-B INSTALLATION.
- (16) REMOVED AND RE-INSTALLED R/H WING IAW DA40 180 M/M CH 57-10-00. REMOVED AND RE-INSTALLED REPAIRED R/H WING TANK BY PLANE EXHAUST IAW DA40 180 M/M CH 28-10-00. REPLACED OUTBOARD FUEL LEVEL TRANSDUCER WITH NEW P/N 3010050 IAW DA40 180 M/M CH 28-41-00. OPS CHECK GOOD NO LEAKS DETECTED AT THIS TIME.
- (17) LYCOMING SB621D DIAPHRAGM TYPE FUEL PUMP REPLACEMENT DOES NOT APPLY TO THIS ENGINE.
- (18) COMPLIED WITH LYCOMING SB 612 OIL LEVEL GAUGE REPLACEMENT WITH NEW P/N LW-14760.
- (19) COMPLIED WITH CH 5 REPLACEMENT OF FIRE EXTINGUISHER P/N A620 S/N B-78364631.
- (20) ADJUSTED RUDDER CABLE TENSION TO SPECS IAW DA40-180 M/M CH 06-00 AND CH 27-20-00.
- (21) APPLIED FIREWALL SEALANT ALL AROUND ENGINE BAFFLES AS REQUIRED.
- (22) COMPLIED WITH POWERFLOW EXHAUST CONTINUED AIRWORTHINESS DISASSEMBLY, INSPECTION AND SLIP JOINT LUBRICATION IAW MM PFS-15250-00. NO DEFECTS FOUND AT THIS TIME.
- (26) LYCOMING SB626 AVSTAR FLOW DIVIDER INSPECTION DOES NOT APPLY TO THIS ENGINE.
- (35) REPAIRED LOWER COWLING IAW AC43.13-1B CH 3. INSTALLED HEAT SHIELD AS REQUIRED. PAINTED BY CAW DESIGN.

2 of 2

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 6/15/2017

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9FRR402B

Work Order: 7543-04-2017

Printed by EBis 3 (dalcimedia.com)

AIR TIME AND

DATE	DAILY TOTAL	TOTAL AIR TIME SINCE MFG.	ENGINEERING RECORD	
	HR	MIN	HR	MIN
BROUGHT FORWARD				
	MAKE: Diamond MODEL: DA-40 S/N: 40.551 REG. NO: 125HL WORK ORDER: 7543-04-2017		 Premier Aircraft Service, Inc. 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393	
			DATE: 6/15/2017 A/C TSN: 636.1 TACH: 636.1	
	Airframe Entries (36) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY Corbin Hallaran, PER 14 CFR 91.407. NO DISCREPANCIES PERTAINING TO ITEMS ON THIS WORK ORDER HAVE BEEN FOUND DURING THE PMO FLIGHT.			
	DATE: 6/15/2017		SIGNED: Corbin Hallaran ATP 3171565	
			Work Order: 7543-04-2017 Printed by EBis 3 (datcomedia.com)	

1 of 2

MAKE: Diamond MODEL: DA-40 S/N: 40.551 REG. NO: 125HL WORK ORDER: 8016-06-2018	 Premier Aircraft Service, Inc. 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393	DATE: 7/19/2018 A/C TSN: 647 TACH: 647
Airframe Entries (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA40-180 MM INSPECTION GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 03/2019. ADS CHECKED THROUGH CURRENT ON ATP. (7) C/W CH.4 REPLACEMENT OF EMERGENCY BATTERY WITH NEW P/N D41-2560-93-00 S/N 16-334-7 IAW DA 40-180 M/M CH 24-32. NEXT DUE 07/2020. (8) C/W GARMIN REPLACEMENT OF 5 LIGHTNING PROTECTION SLOW BLOW FUSES IAW GARMIN G1000 AIRWORTHINESS LIMITATIONS SECTION 4.1. OPS CHECK GOOD. (9) C/W POWERFLOW EXHAUST CONTINUED AIRWORTHINESS DISASSEMBLY, INSPECTION AND SLIP JOINT LUBRICATION IAW MM PFS-15250-00. NO DEFECTS FOUND AT THIS TIME. REPLACED TAILPIPE NEOPRENE STRAP WITH NEW P/N 211. (11) REPLACED R/H MLG TIRE AND INNER TUBE WITH NEW P/N 15X600-6-6GDYFSII AND M15X600-6-TUBE IAW DA40 18- M/M CH 32-40 AND CLEVELAND M/M AWBCMM0001-13/USA SECTION 300. (12) SEALED LEADING EDGE OF WING WALK ON LEFT AND RIGHT WINGS AS REQUIRED. (14) BLEED CO PILOT LEFT AND RIGHT BRAKE CALIPERS IAW DA40-180 M/M CH 32-40. NO LEAKS NOTED. (15) REPLACED L/H AND R/H BRAKE LINE SUPPORT CLAMPS WITH NEW P/N 420420_1. GLUED WITH TEROSTAT MS9380 AS REQUIRED.		

2 of 2

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
DATE: 7/19/2018	SIGNED: EMMANUEL VICIOSO CRS 9PR402B	Work Order: 8016-06-2018 Printed by EBis 3 (datcomedia.com)

Date: 11/14/18	Sun Aviation, Inc.	A/C Reg#: N125HL
Hobbs: 799.2	Avionics	A/C Serial#: 40.551
WO#: A003267	Aircraft Log	A/C Model: DA 40

- Removed PFD - GDU1040 p/n 011-00972-00 s/n 86500841 and replaced with OVERHAULED GDU1040 p/n 011-00972-00 s/n 86503424. Loaded software and configured for this aircraft.

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

Signature: FAA CRS ECWD470D
 Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257

ENGINEERING RECORD

8

ENTRIES, DRA

MAKE: Diamond
MODEL: DA-40
S/N: 40.551
REG. NO: 125HL
WORK ORDER:
8509-07-2019



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 8/27/2019
A/C TSN: 672
TACH: 672

ATURE

LICENCE
NUMBER

Airframe Entries

- (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA40-180 MM INSPECTION GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 3/2023. ADS CHECKED THROUGH CURRENT ON ATP.
- (7) REMOVED CHT PROBE THAT WAS INOP AND REPLACED WITH NEW CHT PROBE P/N A502BG-WIP. ALL WORK DONE PER DA 40 MM CHAPTER 77-40-00. PERFORMED ENGINE RUN. OPS CHECK GOOD.
- (8) DURING INSPECTION EXHAUST STACK # 2 WAS SEIZED EXHAUST ASSY SENT OUT FOR REPAIR. AFTER REPAIR WAS MADE EXHAUST WAS INSTALLED IAW ICA POWER FLOW REPORT NUMBER PFS-15250-00.
- (9) PERFORMED 121.5 ELT CHECK IAW ACK TECHNOLOGIES INC MODEL E-01 INSTALLATION MANUAL AND OPERATIONAL MANUAL OPS CHECKED GOOD. BATTERY EXPIRATION DATE 07/2023.
- (14) REMOVED LONG RANGE TANK ASSY SENT OUT OUTBOARD TANK FOR REPAIR. INSTALL TANK AFTER REPAIR WAS MADE. COMPLETED IAW DA40 AMM ATA 28-10-00.
- (16) REPLACED E.L.T BATTERIES WITH NEW BATTERIES OPS CK WITH NO DEFECTS. BATTERY NEXT DUE DATE 7-24-2023 ALL WORK DONE PER A TECHNOLOGIES INC. MODEL E0-01 ELT INSTALLATION MANUAL SECTION 1.
- (20) REPLACED LH AND RH WING FUEL DRAIN WITH NEW P/N CAV-180 IAW DA40 180 MM CH 28-00. NO LEAKS DETECTED AT THIS TIME.
- (21) REMOVED AND REPLACED LH AILERON LEVER AFT HARDWARE WITH NEW IAW DA40-180 AMM ATA 27-10-00.
- (23) WHILE ELEVATOR CONTROL ROD WAS REMOVED (SEE DISCREPANCY #22) SEVERAL SPOTS WERE TREATED FOR RUST, PRIMED THEN PAINTED IAW AC43.13-1B CH 6.
- (24) SECURED STOP NUT FOR AILERON STOP ON CO PILOT. CONTROL STICK CHECK UP AND DOWN TRAVEL LIMITS. CHECKS GOOD. IAW DA40-180 AMM ATA 27-10-00.
- (25) INSTALLED NEW PIECES OF ANTI SLIP GRIP TAPE ON LH AND RH AIRCRAFT STEPS USING STANDARD PRACTICES.
- (33) I CERTIFY THAT ALTIMETER, ALTITUDE REPORTER, TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY

2 of 3

- FAR 91.411 HAS BEEN COMPLETED. ALTIMETER HAS BEEN TESTED TO 20,000 FT. GDC: S/N 47808645, STBY ALT: M/N 5934D-3A130 S/N 447863.
- I CERTIFY THAT THE TRANSPONDER TEST PER FAR 91.413 HAS BEEN COMPLETED. M/N 011-03303-40 S/N 3EH400727.
- INSPECTION REPORTS ON FILE UNDER THIS W/O.
- (34) C/W DIAMOND CH 5 FUEL TANK VENT HOSES REPLACEMENT.
- (35) C/W DIAMOND CH 5 REPLACEMENT OF FUEL TANK INTERCONNECTING COUPLERS, CLAMPS AND FUEL HOSES FOR LH AND RH TANK ASSY. COMPLETED USING DA 40 AMM ATA 28-10-00. LEAK CHECKED GOOD AT THIS TIME.
- (37) CLEANED TIE DOWN BLOCK AREAS UNDER CABLES AND RE-SECURED TIE DOWN BLOCKS UNDER CO-PILOT SEAT ALL WORK DONE PER AC 43.13-1B.
- (38) REMOVED SCAT HOSE THAT WAS TORN AND REPLACED WITH NEW SCAT HOSE P/N SCAT12 ALL WORK DONE PER AC 43.13 1B.
- (39) INSTALLED LH AND RH WING AFTER AILERON AND FLAP ROLLERS WERE REPLACED IAW DA40 180 MM CH 57-10.
- (40) C/W DIAMOND WI-RSB 40-078 INSTALLATION OF ADDITIONAL WING ACCESS PANELS FOR FLIGHT CONTROL ROLLERS. OPS GOOD AT THIS TIME.
- (41) REMOVED AND REPLACED ALL FLIGHT CONTROLS ROLLERS WITH NEW PN DS-RG3 IAW DA40 AMM CH. 27-00. OPS GOOD AT THIS TIME.
- (42) REPLACED BATTERY CASE SCAT HOSE WITH NEW P/N SCAT4 AS REQUIRED.
- (43) FOUND ELT WIRE BROKEN CLOSE TO LRU RACK. REPAIR EXISTING WIRE IAW AC43-13.1B CHAPTER 11. PERFORMED ELT GROUND TEST. OPERATIONAL CHECKED GOOD. NO DEFECTS NOTED AT THIS TIME.
- (46) INSTALLED GDL 69A MUSIC JACK ASSY WITH NEW P/N DA4-2315-20-71 IAW GARMIN STC WI-OSB-40-042.
- (47) REPLACED LH OUTBOARD FUEL PROBE TRANSDUCER WITH NEW P/N 3010050-WIP IAW DA42 TDI M/M CH 28-10. OPS CHECK AND LEAK CHECK GOOD.

3 of 3

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 8/27/2019

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8509-07-2019

Printed by EBis 3 (dalcomedia.com)

AIR TIME AND

DATE

MAKE: Diamond
MODEL: DA-40
S/N: 40 551
REG. NO: 125HL
WORK ORDER:
8509-07-2019



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 8/28/2019
A/C TSN: 672
TACH: 672

REQUIRED FOR COMPLETE

BROUGHT
FORWARD

Airframe Entries

(48) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY CORBIN HALLARAN, RATED PILOT CERTIFICATE # 3171565 PER 14 CFR 91.407. NO DISCREPANCIES PERTAINING TO ITEMS ON THIS WORK ORDER HAVE BEEN FOUND DURING THE PMO FLIGHT. AIR TEST ALSO PERFORMED FOR WING REMOVAL AND RE-INSTALLATION AS REQUIRED BY DIAMOND DA40 MM.

DATE: 8/28/2019

SIGNED:

Work Order: 8509-07-2019

Printed by EBis 3 (datcomedia.com)

CORBIN HALLARAN
RATED PILOT CERTIFICATE # 3171565

MAKE: Diamond
MODEL: DA-40
S/N: 40 551
REG. NO: 125HL
WORK ORDER:
8586-09-2019



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 9/23/2019
A/C TSN: 673.7
TACH: 673.7

Airframe Entries

(2) INSPECTED FLIGHT CONTROLS IAW DA40-180 AMM ATA 27&57. OPS CHECK
(3) REMOVE AND REPLACED RH AND LH AILERON CENTERING SPRING IAW DA 42 AMM CH 27-10. OPS CHECKED
GOOD.

DATE: 9/23/2019

SIGNED:

Work Order: 8586-09-2019

Printed by EBis 3 (datcomedia.com)

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

1 of 2

MAKE: Diamond
MODEL: DA-40
S/N: 40 551
REG. NO: 125HL
WORK ORDER:
9036-08-2020



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 9/28/2020
A/C TSN: 712
TACH: 712

Airframe Entries

(2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA40 MM INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 7/2023. ADS CHECKED THROUGH CURRENT ON ATP.
(10) C/W AD 2020-14-06 FUEL TANK INTERCONNECT HOSES. N/A - FORM TRACKING NUMBER & W/O OF HOSES PREVIOUSLY INSTALLED ARE NOT LISTED IN TABLE FROM MSB-40-087.
(11) C/W ELT TEST AND INSPECTION IAW FAR 91.207-D, PAR 1-2-3-4 ON ACK ELT E-01 S/N 053169, FOUND SATISFACTORY. ELT BATTERY DUE DATE: JUL/2023.
(12) C/W 5 YR ELT REMOTE SWITCH BATTERY REPLACEMENT. INSTALLED P/N 28L. NEXT DUE 9/2025.
(13) C/W CH 4 2 YR EMERG INSTRUMENT BATTERY REPLACEMENT. INSTALLED NEW BATTERY PN: D41-2560-93-00, SN: 20-0003-00049 IAW DA40-180 AMM CH24-32-00.
(14) C/W CH 4 12 YR MAJOR STRUCTURAL INSPECTION IAW CH.5 INSPECTION GUIDE. NO DEFECTS NOTED AT THIS TIME.
(15) C/W ICA POWERFLOW EXHAUST CONTINUED AIRWORTHINESS DISASSEMBLY, INSPECTION AND SLIP JOINT LUBRICATION IAW MM PFS-15250-00. NO DEFECTS NOTED AT THIS TIME.
(16) C/W ICA GARMIN G1000 REPLACEMENT OF 5 LIGHTNING PROTECTION SLOW BLOW FUSES IAW GARMIN G1000 MANUAL FOR DIAMOND AIRCRAFT
(21) C/W 5 YR ENG MOUNT ATTACH BOLT INSP. REPLACED ALL 4 ENG MOUNT TO FIREWALL ATTACH BOLTS WITH NEW PN DIN931-M10X70-8-8-ZP IAW DA40 AMM CH 71-00.
(27) REPLACED INSTRUMENT & FLOOD LIGHTS PANEL WITH NEW P/N DA4-3311-10-02 AND INSTRUMENT LIGHT POTENTIOMETER WITH NEW P/N KKS3U5021R24 IAW DA40 MM CH 33-10-00 AND AC43.13-1B CH 11. OPS CHECKED GOOD.
(30) SEALED UPPER LEFT SECTION OF FIREWALL EDGE WITH TEROSTAT SEALANT AS REQUIRED.
(31) REPLACED RH BRAKE LININGS WITH NEW PN 066-14100 IAW DA40 AMM CH 32-40.

2 of 2

(32) ADJUSTED ELEVATOR TRIM WHEEL TENSION IAW DA40-180 MM CH 27-38. OPS CHECKED GOOD.
(33) REPLACED NLG STEERING STOP BUSHINGS WITH NEW PN D41-3223-30-32 IAW DA40-180 MM CH 32-20.
(35) REPLACED LEFT TIRE WITH NEW PN 152E61-3 SN 229523 IAW DA40 AMM CH 32-40.
(36) REMOVED SURFACE CORROSION FROM RH FLAP MASS BALANCE AND PAINTED IAW AC43.13-1B CH 6.
(39) REPAIRED BOTTOM COWL, PAINTED WITH FIRE RETARDANT AND PAINTED OUTSIDE TO MATCH COLOR. WORK DONE IAW DA40-180 MM CH 51-00.
(40) INSTALLED SHIM PN D41-3213-11-53 ON RH AND LH MLG AXLES TO CREATE EVEN TIRE WEAR AND RE INSTALLED WHEELS IAW DA40 AMM CH 32-10 & 32-40.
(42) RE GLUED REAR SEAT CRASH ABSORBERS IAW DA40-180 MM CH 51-20-00.
(43) ADJUSTED FLAPS UP TENSION AND AILERONS NEUTRAL POSITION IAW DA40-180 MM CH 57-50 AND 57-60.
(44) BLEED LH AND RH CO PILOT BRAKES IAW DA40 AMM CH 12-10.
(46) PERFORMED GRS/GMU MAGNETOMETER CALIBRATION IAW GARMIN/DA-40 G1000 MAINT MANUAL. 190-0545-01 REV.C HEADING GROUND CHECK NORM.

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 9/28/2020

SIGNED:

Work Order: 9036-08-2020

ENTRIES. OR/

MAKE: Diamond
MODEL: DA-40
S/N: 40 551
REG. NO: 125HL
WORK ORDER:
9178-12-2020

Premier
Aircraft Service

Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 12/16/2020
A/C TSN: 727.2
TACH: 727.2

LICENCE
NUMBER

Airframe Entries

(5) C/W AD 2009-10-14 NLG LEG INSPECTION. NO DEFECTS FOUND AT THIS TIME. NEXT DUE IN 200 HR.
(6) REPLACED COM1 ANTENNA WITH SERVICEABLE UNIT AV-529 S/N 0317 IAW DA40-180 MM CH 23-11-00. OPS
CHECKED GOOD.

DATE: 12/16/2020

SIGNED:

EMMANUEL VICIOSO
CRS 9PR402B

Work Order: 9178-12-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA40-180
S/N: 40 551
REG. NO: N125HL
WORK ORDER:
6494-03-2021

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

DATE: 09 March, 2021
A/C TSN: 789.9
TACH: 789.9

Airframe Entries

Installed new Airhawk NLG tire P/N AB3D4 and Michelin tube P/N 097908-0 IAW Diamond DA40-180 AMM chapter 32.

DATE: 09 March, 2021

SIGNED:

Dan Lynch, A&P 3524030

Work Order: 6494-03-2021

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA40-180
S/N: 40 551
REG. NO: N125HL
WORK ORDER:
6696-05-2021

Waterford Aviation, Inc.

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone: 248-724-2400

DATE: 10 May, 2021
A/C TSN: 792.4
TACH: 792.4

Airframe Entries

Replaced electric fuel pump PN 5100-00-9, SN 5453A with overhauled, PN 5100-00-9, SN 5711, overhaul performed by Aeromotors, LLC. CRS# 01MR357Y, under WC# M2103393. Ops check and leak check good.

DATE: 10 May, 2021

SIGNED:

Karl Nelson, A&P 3525379

Work Order: 6696-05-2021

Printed by EBis 3 (datcomedia.com)

AIR TIME AND

DATE

DAILY
TOTAL

TOTAL AIR
TIME SINCE
MFG.

ENGINEERING RECORD

USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

TOP FLIGHT

Avionics

Willow Run Airport (YIP)
Belleville, Michigan 48111

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 2163 Date: 8-8-21

☐ O/H ☐ Repaired ☒ F/T
☐ Removed Serviceable ☐ Rebuilt

☒ ITP CLT

Unit ADC

Mfg. Cessna

P/N —

Model QDC-74 SN 47808645

Owner Steel Stacky

N# N125HL

Tech. —

Insp. By [Signature]

Inspected on
comply with 91.413
ade reporting equipment
9, 21 in compliance
ft.

DATE
ALT

ALT

N125HL

AIRFRAME LOG

09/17/2021

TACH: 0834.3	TTAF 834.3	HOBBS 1022.6

TESTED ELT IAW FAR 91.207D BATTERY EXPIRES JULY 2023; REPLACED LEFT BRAKE LININGS WITH NEW RS66-106; RE-SEALED RIGHT FUEL DRAIN VALVE WITH MS29513-006; REPLACED FUEL VENT HOSE AND CLAMPS IN LEFT WING DUE TO LEAK; CW AD2009-10-14 NOSE GEAR INSPECTION, NEXT DUE 1034.3; I CERTIFY THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

[Signature]

TIM STARK
AP382904744IA

CARRIED FORWARD

N125HL

AIRFRAME LOG

09/27/2022

EN

TACH: 971.1

TTAF: 971.1

AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

TESTED ELT IAW FAR 91.207D BATTERY EXPIRES JULY 2023 CLEANED BATTERY TERMINALS AND TREATED; REPLACED RIGHT BRAKE CALIPER SEAL WITH NEW MS28775-224 AND BLED WITH 5606. CLEANED RIGHT FUEL DRAIN VALVE; REPLACED BOTH MAIN WHEEL TIRES WITH NEW MICHELIN 072-449-0.CW AD2009-10-14 NOSE GEAR INSPECTION, NEXT DUE 1171.1; I CERTIFY THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.



TIM STARK
AP3829047441A

12-19-22

Tack 993.6

Installed New Strobe Tube in Right Wing Tip. P/N 02-0250276-00
Return to Service

P1261624 35043851A

AURIC AVIONICS & INSTRUMENTS

FAA CRS # UAWR246L

6109 G. Bellanca Street

Lakefront Airport - Bastian-Mitchell Hangar

New Orleans, LA 70126

(504) 245-0072

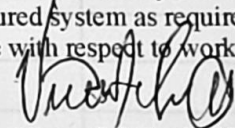
01/13/2023

N125HL

Diamond DA40 S/N 40.551

Work Order(s): 18177

Removed the existing GDU1040 PFD P/N 011-00972-00 S/N 86503424 and installed a factory overhauled GDU1040 PFD P/N 011-00972-00 S/N 86501672. Loaded software and configured system as required. All ops ground checked nominal after repair. Aircraft approved for return to service with respect to work performed in the above listed Work Order(s).


Victor Schilleci, IV
FAA-CRS# UAWR246L
AuricAvionics@aol.com

MAKE: Diamond
MODEL: DA40
S/N: 40.551
REG. NO: N125HL
WORK ORDER: 0858


Premier
Aircraft Service

Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

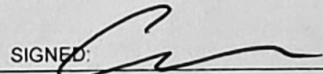
DATE: 6/30/2023
A/C TSN: 1087.2
HOBBS: 1342.7

Airframe Entries

- AD 2009-10-04 Inspected NLG leg IAW MSB40-046/3
- Performed 1000hr bonding/static discharging inspections. Replaced static wicks
- Inspected G1000 system (avionics fans test and lightning protection fuses replacement) IAW ICA 190-00545-01 Rev J
- Inspected exhaust system IAW ICA PFS-15250-00 Rev E
- Replaced muffler insert PFS-8016
- Replaced muffler hangar strap 211 and washers 202
- RSB40-082/1 Replaced NLG strut tube and rubber dampers
- Replaced RH wing sump CAV-180
- Replaced brake linings

DATE: 6/30/2023

SIGNED:


Chad Cox, License: AP3782800 IA

Work Order: 0858

Printed by EBis 3 (datcomedia.com)

AIR TIME AND

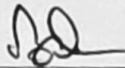
DATE

PDG Services + 670 Ferris Rd., Suite 104 + Lancaster TX 75146

ACFT REG. N125HL WOBBS TIME 1343.0

BROUGHT
FORWARD

The HL altimeter, transponder & altitude reporting system has been inspected and found to comply with the requirements of FAR 91.411 & 91.413, to an altitude of 20,000 ft. Pertinent details of the certification are on file at this repair station under the work order # 23-0636, dated 6-26-23.



Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

6-26-23
(Date)

NEERING RECORD

AS MANY LINES AS REQUIRED FOR COMPLETE

PDG Services + 670 Ferris Rd., Ste. 104 + Lancaster, TX. 75146

ACFT REG. N125HL WOBBS TIME 1343.0

The SDY altimeter system has been inspected and found to comply with the requirements of FAR part 91.411, to an altitude of 20,000 ft. Pertinent details of the certification are on file at this repair station under the work order # 23-0636, dated 6-26-23.



Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

6-26-23
(Date)

MAKE: Diamond
MODEL: DA40
S/N: 40 551
REG. NO: N125HL
WORK ORDER: 0865



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 7/5/2023
A/C TSN: 1087.2
HOBBS: 1342.7

Airframe Entries

- Performed Annual Inspection using DA40 AMM as a guide
- Inspected ELT system IAW 14 CFR 91.207(d). Replaced batteries MN1300
- Complied with 100 Hour lubrication
- AD 2014-13-08 Performed wing spar reinforcement IAW MSB40-074
- Inspected exhaust system IAW ICA PFS-15250-00 Rev E
- Inspected G1000 system IAW ICA 190-00545-01 Rev J. Replaced lightning protection fuses 313 03.2
- Replaced emergency battery D41-2560-93-00

I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

DATE: 7/5/2023

SIGNED: 

David Seastead, License: AP3492477 IA

Work Order: 0865

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA40
S/N: 40 551
REG. NO: N125HL
WORK ORDER: 0889



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 7/24/2023
A/C TSN: 1087.2
HOBBS: 1342.7

Airframe Entries

- Replaced GMA1347 with overhauled 011-00809-00 S/N 47107957

DATE: 7/24/2023

SIGNED: 

David Seastead, License: AP3492477 IA

Work Order: 0889

Printed by EBis 3 (datcomedia.com)

CARRIED FORWARD

ENGINEERING RECORD

11

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

MAKE: Diamond Aircraft Ind
MODEL: Da 40
S/N: 40.551
REG. NO: N125HL



Lone Mountain Aviation, Inc.
FAA Cert: L9OD473Y
1456 Jet Stream Drive
Henderson, NV 89052

W/O #: HND2752-04-2024
DATE: 04-04-2024
A/C TT: 1316.5
Tach: 1316.5
Hobbs: 1599.3

Airframe Entries

Removed right main tire P/N: 072-449-0, S/N: 1299T00135 and installed new tire P/N: 070-449-0, SN: 3140T00130 with new tube P/N: 0302-246-401. All work done IAW Diamond DA40 series AMM 32-40. Leak check good.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above WO number.

DATE: 04-04-2024

SIGNED:

Jamila Aarab
FAA Cert: L9OD473Y

WORK ORDER: HND2752-04-2024
Printed by EBIS (EBISCloud.com)

wo: WO_1582



Airframe - page 1 of 1

J&G Aviation, LLC · 3116 S Great SW PKwy · Grand Prairie, TEXAS 75052 · 817-881-5182

N125HL
DIAMOND AIRCRAFT IND INC, DA 40, S/N: 40.551
May 17, 2024

hobbs: 1687.2

tach: 1398.7

- R/R nose tire p/n: AA1E2 and tube p/n: XA1AD. Installed cotter pin p/n: MS24665-363. Details of work performed are on file with J&G Aviation, LLC under work order: WO_1582.

Caleb Collins A&P 4866530

wo: WO_1582



Engine - page 1 of 1

J&G Aviation, LLC · 3116 S Great SW PKwy · Grand Prairie, TEXAS 75052 · 817-881-5182

N125HL
LYCOMING, IO-360-M1A, S/N: L-32160-51A
May 17, 2024

HOBBS: 1687.2

TACH: 1398.7

- R/R 4 exhaust studs p/n: 31C-12, exhaust gaskets p/n: SL77611. R/R hardware. Nut p/n: SL-STD-1410. Washers p/n: STD35 and p/n: STD475. Performed exhaust leak check and no leaks were found.
- R/R 8 spark plugs p/n: REM40E. Checked magneto timing and adjusted IAW Engine data.
- Removed alternator p/n: ALU-8521LS s/n: F033279 and installed p/n: ALU-8521LS s/n: H-Y022352.
- R/R alternator belt p/n: 37A19773-376.
- Performed ground ops run, NDN.

Details of work performed are on file with J&G Aviation, LLC under work order: WO_1582.

Caleb Collins A&P 4866530

wo: WO_1597



Airframe - page 1 of 1

J&G Aviation, LLC · 3116 S Great SW PKwy · Grand Prairie, TEXAS 75052 · 817-881-5182

N125HL
DIAMOND AIRCRAFT IND INC, DA 40, S/N: 40.551
June 04, 2024

hobbs: 1742.2
tte: 1449.7

tach: 1449.7
ttp: 1206.8

tsmoh: 1449.7

ttaf: 1449.7

- R/R R/H MLG tire and tube. Tube p/n: GL-1520B tire p/n: 072-449-0. Torqued wheel half's to 150 in lbs. Torqued back plate through bolts to 80 in lbs and safety wired bolts. Inflated tire to 36 psi. Installed IWA Diamond DA 40 MM.

Details of work performed are on file with J&G Aviation, LLC under work order: WO_1597.

Caleb Collins A&P 4866530

AIR TIME AND

Airframe · page 1 of 2

wo: WO_1637



J&G Aviation, LLC · 3116 S Great SW PKwy · Grand Prairie, TEXAS 75052 · 817-881-5182

August 14, 2024

N125HL

hobbs: 1970.1
tfa: 1665.6

DIAMOND AIRCRAFT IND INC, DA 40, S/N: 40.551

tach: 1665.6
tte: 1665.6

tspoh: 1354.8
ttp: 1422.7

tsmoh: 1665.6

- Conducted Annual inspection IAW FAR part 23 and the Diamond DA-40 MM.
- Serviced fuel strainer and installed new o-ring P/N: ORO375.
- Serviced MLG and NLG, inspected races and bearing and repacked with Aeroshell 22. Installed new cotter pins P/N: MS24665-363.
- Lubricated Aircraft IAW MM.
- Complied with ICA 102706 by performing a visual inspection and lubricating the propeller IAW Hartzell Manual 115N.
- Complied with ICA SA03281AT by performing an exhaust leak check and visually inspecting the exhaust for wear and leaks. Remove tail pipe from exhaust and lubricated the ball joint with anti seize and reinstalled hardware. Only defect found was the hanger for tail pipe is torn. Work done IAW Power Flow Systems report number: PFS-15250-00 Section 5.
- Comply with ICA SE03232CH by performing a visual inspection and functions check IAW Tanis document no: TCA1000.
- C/W AD 09-10-04 NLG strut cracks IAW par (f)(4) of AD and Diamond MSB40-046/3, MSBD4-046/3. No cracks observed at this time.
- Inspected fuel injection lines per AD 15-19-07. Found fuel lines and clamps in compliance with AD and service bulletin 342G. Re inspection due at tach: 1775.6.

I have tested this ELT per 91.207 and have confirmed proper operation and installation. Battery replacement due SEPT 2025.

I have inspected this aircraft in accordance with an annual inspection and have determined that it is in airworthy condition.

Details of work performed are on file with J&G Aviation, LLC under work order: WO_1637.

James Scott Miller A&P/IA 2704250

JS Miller

Propeller · page 1 of 1

wo: WO_1637



J&G Aviation, LLC · 3116 S Great SW PKwy · Grand Prairie, TEXAS 75052 · 817-881-5182

N125HL

hobbs: 1970.1
tfa: 1665.6

Hartzell, AL-CZYR-1BFP/F7497, S/N: CH44381B

tach: 1665.6
tte: 1665.6

tspoh: 1354.8
ttp: 1422.7

August 14, 2024
tsmoh: 1665.6

I certify that this propeller was inspected in accordance with a 100hr/Annual Inspection and was determined to be in an airworthy condition. Details of work performed are on file with J&G Aviation, LLC under work order: WO_1638.

James Scott Miller A&P/IA 2704250

JS Miller

PDG Services, 670 Ferris Rd. Ste. 104, Lancaster, TX, 75146

ACFT REG: N125HL 40335 TIME: 2024.0

The STX altimeter system has been tested and found to comply with the requirements of FAR 91.411 to an altitude of 20,000 ft. Pertinent details of the certification are on file at this repair station under the work order #250918, dated 9-17-25

Paul Gardner

Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

9-17-25
(Date)

CARRIED FORWARD

ENGINEERING RECORD

12

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

PDG Services, 670 Ferris Rd. Ste. 104, Lancaster, TX, 75146

ACFT REG: N125HL TIME: 2624.0

The # altimeter, transponder & altitude reporting systems has been tested and found to comply with the requirements of FAR 91.411 & 91.413 to an altitude of 20,000 ft.

Pertinent details of the certification are on file at this repair station under the work order # 25-0918, dated 9-17-25.

Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

9-17-25
(Date)

ALTIMETER CORRECTION

N125HL
ALTIMETER NO. 1

FOR ALTITUDE	FLY ALTITUDE
500	485
1,000	980
1,500	1480
2,000	1975
3,000	2975
4,000	3975
6,000	5970
8,000	7965
10,000	9955
12,000	11950
14,000	13945
16,000	15940
18,000	17935
20,000	19925
22,000	
25,000	
30,000	
35,000	
40,000	
45,000	
50,000	

PDG SERVICES

CRS: G49R038Y

WO # 25-0918

DATE: 9-17-25

ALTIMETER CORRECTION

N125HL
ALTIMETER NO. SP3Y

FOR ALTITUDE	FLY ALTITUDE
500	485
1,000	985
1,500	1480
2,000	1980
3,000	2995
4,000	3995
6,000	5980
8,000	7970
10,000	9960
12,000	11965
14,000	13985
16,000	16010
18,000	18025
20,000	20050
22,000	
25,000	
30,000	
35,000	
40,000	
45,000	
50,000	

PDG SERVICES

CRS: G49R038Y

WO # 25-0918

DATE: 9-17-25

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

8/2/2024

Performed 500 hour inspection on magneto PN 4370, SN 04100696 per Champion Aerospace manual L1363J. Replaced K3984 capacitor, M3081 points, K3215 carbon brush, M3827 rotor gear, and M2556 cotter pin. Replaced copper electrode distributor gear with monel electrode K3822 gear per SB1-15B. Tested and returned to customer for install.

SHRIKE AERO

Mark Mercer
Mark Mercer, A&P 3046245

8/2/2024

Performed 500 hour inspection on magneto PN 4347, SN 07120579 per Champion Aerospace manual L1363J. Replaced K3984 capacitor, M3637 primary points, M3637 secondary points, K3215 carbon brush, M3827 rotor gear, and M2556 cotter pin. Replaced copper electrode distributor gear with monel electrode K3822 gear per SB1-15B. Tested and returned to customer for install.

SHRIKE AERO

Mark Mercer
Mark Mercer, A&P 3046245

wo: WO_1898

Propeller - page 1 of 1

J&G Aviation LLC

J&G Aviation, LLC - 3116 S Great SW Pkwy - Grand Prairie, TEXAS 75052 - 817-881-5182

N125HL
HOBBS: 2623.8

Hartzell, AL-CZYR-1BFP/F7497, S/N: CH44381B
TACH: 2281.3

TSPOH: 1970.5

October 02, 2025
TTP: 2038.4

I certify that this propeller was inspected in accordance with a 100hr/Annual Inspection and was determined to be in an airworthy condition. Details of work performed are on file with J&G Aviation, LLC under work order: WO_1898 and 1899

Allen Glaubitz A&P/IA 4477940

Allen Glaubitz

CARRIED FORWARD