

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

CLOSED

04 FEB 2023

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	3	0	0	0	AIRCRAFT NEW


Diamond

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

SERIAL NUMBER

42.AC011

REGISTRATION MARK

N964JB


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

06 October, 2006



05 SEPT 2006 S/N 42.AC011
COMPASS DEVIATION, ALL ELECTRICS ON

FOR	N	30	60	E	120	150
STEER	360	030	060	090	120	150
FOR	S	210	240	W	300	330
STEER	180	210	240	270	300	330

 **Diamond**

INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS

DATE _____

INSPECTOR

06 October, 2006

[illegible]

ENGINEERING RECORD

1

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Diamond

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

06 October, 2006

DA
Q 42

Diamond

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: OCTOBER 2007

BATTERY DUE: APRIL 2008

DATE

INSPECTOR

October, 2006

DA
Q 42

Diamond

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

06 October, 2006

DA
Q 42

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Q 42



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Q 42

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Q 42

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Q 42

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Q 42

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPL.
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			5	7	
 <p>DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVED MANUFACTURER #161-93</p> <p>I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO THE APPROVED TYPE DESIGN DATA AND IS IN A FIT AND SAFE STATE FOR FLIGHT.</p> <div style="display: flex; justify-content: space-between;"> <div> <p>DATE</p> <p>24 October, 2006</p> </div> <div> <p>INSPECTOR</p> <p><i>[Signature]</i> DA Q 42</p> </div> </div>					
October 26, 2006			5	7	 <p>Date: October 26, 2006, S/N: 42.AC011 Reg. #: N964JB W/O RO-06-287 TSN: 5.7 HRS. Standard U.S. Certificate of Airworthiness withdrawn. Special Airworthiness Certificate in Experimental category for R & D Purpose applied for.</p> <p>The maintenance described above has been performed in accordance with the applicable standards of airworthiness. DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL # 161-93</p> <p>Signature <i>[Signature]</i> Lic. Or Stamp DA R08</p>
October 26, 2006			5	7	
OCT 26, 2006	-	-	5	7	COFT NO. 42.AC011-01 Installed - Installation of
	-	-	5	7	For known doing Flight Testing
OCT 27, 2006	-	-	5	7	COFT NO. 42.AC011-02 - Installation of a
OCT 27, 2006	-	-	5	7	Weight & Balance for the above mentioned
	-	-	5	7	NEW Empty Weight: 1302.55 Kg. - E.W.
OCT 30, 2006	-	-	5	7	Flight Test Order weight & Balance
OCT 30, 2006	-	-	5	7	" " " " " "
OCT 30, 2006	-	-	5	7	AIRCRAFT IS SERVICEABLE
OCT 30, 2006	1	9	7	6	
OCT 30, 2006	-	-	7	6	FLIGHT TEST ORDER - MOST FORWARD C.O.F.G. T/O WT.
OCT 30, 2006	-	-	7	6	AIRCRAFT IS SERVICEABLE
OCT 30, 2006	+1	0	8	6	
OCT 31, 2006	-	-	8	6	Stall Warning Vane Adjusted 1/8" Up - For
OCT 31, 2006	-	-	8	6	AIRCRAFT IS SERVICEABLE
NOV 01, 2006	-	-	8	6	AIRCRAFT IS SERVICEABLE
NOV 01, 2006	2	1	10	7	
			10	7	CARRIED FORWARD


ENGINEERING RECORD

2

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBERDA
Q 42 **Diamond**

U.S. Standard Airworthiness Certificate, issued:

(Date) OCT 25 2006, has been installed in the
aircraft on behalf of NE-MIDO-46 on:(Date) OCT 25 2006(Print) R. Salton (Signature) RSI find that this aircraft meets the requirements for the certification
requested and have issued a (Standard) (Special) Airworthiness
Certificate dated: 10-26-06The next annual inspection is due: October 25, 07Signed: Daryl L. Middlebrook

DARYL L. MIDDLEBROOK

Federal Aviation Administration

Designated Airworthiness Representative: DART950010EA

Ice Straps on unprotected leading edgesCarried outSpecial StandardDA
Q 64modified pilot seat installed.Special StandardDA
Q 64C.G.'s Calculated.C.G. = 2.4m. New Useful Load = 482.52 kg.Special StandardDA
Q 64Takeoff WT. = 1785 kg. C.G. = 2.435m (MID. C.G.)Special StandardDA
Q 64Zero Fuel WT. = 1626 kg. C.G. = 2.416m.Special StandardDA
Q 64= 1785 kg. C.G. = 2.399m. Zero Fuel WT. = 1626 kg. C.G. = 2.376mSpecial StandardDA
Q 64Special StandardDA
Q 64Flight Test Purpose To Confirm Stall Horn activates at correct airspeedSpecial StandardDA
Q 64Special StandardDA
Q 64Special StandardDA
Q 64

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			10	7	
NOV 03 2006	-	-	10	7	COFT NO. 42AC011-01 - PREVIOUSLY INSTALLED ON OCT 26/06
NOV 03 2006	-	-	10	7	COFT NO. 42AC011-03 - INSTALLED. Installation of 40
NOV 03 2006	-	-	10	7	CARRIED OUT I.A.W. THIS COFT. A/C Re
NOV 03 2006	-	-	10	7	Flight Order WT. & Balance as follows: T/O WT. =
NOV 03 2006	-	-	10	7	ZERO FUEL weight = 1626 kg. - C.G. = 2.376m
NOV 03 2006	-	-	10	7	AIRCRAFT IS SERVICEABLE
NOV 03 2006	1	1	11	8	
NOV 04 2006	-	-	11	8	AIRCRAFT IS SERVICEABLE
NOV 04 2006	0	8	12	6	
NOV 05 2006	-	-	12	6	COFT NO. 42AC011-03 PREVIOUSLY INSTALLED ON NOV 03 2006
			12	6	HAS NOW BEEN REMOVED AS OF THIS DATE.
NOV 05 2006	-	-	12	6	Weight of Stall Warning Vane & Shape is
NOV 05 2006	-	-	12	6	ALL FLIGHT TEST ORDER of Most Forward
NOV 05 2006	-	-	12	6	T/O WT. = 1785 kg. - C.G. = 2.399m - Moment = 4283 kgm
NOV 05 2006	-	-	12	6	NEW FLIGHT TEST ORDER WITH STALL WARNING
NOV 05 2006	-	-	12	6	T/O WT. = 1785 kg. - C.G. = 2.399m Moment
NOV 05 2006	-	-	12	6	AIRCRAFT IS SERVICEABLE
NOV 05 2006	0	7	13	3	
NOV 06 2006	-	-	13	3	COFT NO. 42AC011-01 RE INSTALLED THIS DATE.
NOV 06 2006	-	-	13	3	FLIGHT TEST ORDER # 4201106061106 FOR MOST
NOV 06 2006	-	-	13	3	T/O WT. = 1785 kg. - C.G. = 2.399m - Moment = 4283 kgm
NOV 06 2006	-	-	13	3	AIRCRAFT IS SERVICEABLE
NOV 06 2006	1	1	14	4	TKS SYSTEM FUNCTION CHECK
NOV 08 2006	-	-	14	4	FLIGHT TEST ORDER # 42011081106 MOST FORWARD
NOV 08 2006	-	-	14	4	AIRCRAFT IS SERVICEABLE
NOV 09 2006	0	7	15	1	
NOV 10 2006	-	-	15	1	COFT NO. 42AC011-01 REMOVED THIS DATE.
NOV 10 2006	-	-	15	1	COFT NO. 42AC011-02 REMOVED THIS DATE.
NOV 10 2006	-	-	15	1	ALL BALLAST WEIGHTS PREVIOUSLY INSTALLED I.A.W.
NOV 10 2006	-	-	15	1	Original Pilot's Seat Reinstalled AND
NOV 10 2006	-	-	15	1	EMPTY WEIGHT = 1304 kg. OR 2874.8 LBS.
NOV 10 2006	-	-	15	1	EMPTY WEIGHT MOMENT = 3127.1 kgm OR
NOV 10 2006	-	-	15	1	EMPTY WEIGHT C.G. = 2.398m OR 94.4 in.
NOV 10 2006	-	-	15	1	STALL WARNING VANE REPOSITIONED TO IT'S
			15	1	CARRIED FORWARD

ENGINEERING RECORD

3

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
Ice Shapes Removed as of this date. GRIT Sandpaper on leading edge of wings and Centre wing Configured to most FORWARD C.G. wt. and Balance. 1785kg - C.G. = 2.399m - moment = 4281 kgm. - Moment = 3862 kgm.	[Signature]	DA Q 84
	[Signature]	DA Q 84
	[Signature]	DA Q 84
40 GRIT SANDPAPER on Leading Edge of wings + Centre Section STALL WARNING VANE ICE SHAPE ONLY INSTALLED THIS DATE. Negligible - Hence NO Change in wt. & Balance Required. C.G. issued by Flight Test Dept. ZERO FUEL WT. = 1626 - C.G. = 2.376 - moment = 3864 kgm.	[Signature]	DA Q 84
ICE SHAPE INSTALLED WT. & BALANCE AS FOLLOWS: = 4283 kgm. ZERO FUEL WT. = 1626kg. C.G. = 2.376 Moment = 3864 kgm.	[Signature]	DA Q 84
INSTALLATION OF ICE SHAPES ON UNPROTECTED LEADING EDGES 9/10 I.A.W THIS COPI. FORWARD C.G. ISSUED BY FLIGHT TEST DEPT. ZERO FUEL WT = 1626 ^{kg} C.G. = 2.376m. Moment = 3864 kgm	[Signature]	DA Q 84
PERFORMED - FOUND TO OPERATE NORMAL - NO SNAGS. C.O.G. STILL IN EFFECT.	[Signature]	DA Q 84
ALL ICE SHAPES PREVIOUSLY INSTALLED AS PER NOV. 06 ENTRY HAVE NOW BEEN REMOVED. HENCE THIS COPI IS NO LONGER IN EFFECT. MODIFIED PILOT SEAT PREVIOUSLY INSTALLED AS PER OCT 27 2006 ENTRY HAS NOW BEEN REMOVED. ORIGINAL PILOT'S SEAT RE INSTALLED.	[Signature]	DA Q 84
FLIGHT TEST ORDERS HAVE NOW BEEN REMOVED AS OF THIS DATE	[Signature]	DA Q 84
Original Weight & Balance is in effect as follows.	[Signature]	DA Q 84
271422.1 in lbs.	[Signature]	DA Q 84
NEW USEFUL LOAD = 4810 kg OR 1060.5 LBS.	[Signature]	DA Q 84
ORIGINAL POSITION - CHECK TO BE CARRIED OUT AT NEXT FLIGHT	[Signature]	DA Q 84

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			15	.1	
NOV 10 2006	-	-	15	.1	AIRCRAFT IS SERVICEABLE
NOV 10 2006	2	.5	17	.6	AIRCRAFT IS SERVICEABLE
NOV 12 2006	-	-	17	.6	AIRCRAFT IS SERVICEABLE
NOV 12 2006	2	.9	20	.5	STILL WARNING CHECKED 'OK'
Nov. 13, 2006	-	-	20	.5	<div style="border: 1px solid black; padding: 5px;"> <p>Diamond</p> <p>Date: November 13, 2006, S/N: 42.AC011 Reg. #: N964JB W/O RO-06-287 TSN: 20.5 HRS.</p> <p>The following work carried out by Diamond Aircraft Industries Inc. Service Center Department. All R & D issued Cofts and Ballast weights previously installed as per Flight Test orders have now been removed and the Aircraft inspected to confirm with it's type design. I certify that I have inspected this Aircraft and have found to be in conformance with it's Type Certificate.</p> <p>The maintenance described above has been performed in accordance with the applicable standards of airworthiness. DIAMOND AIRCRAFT INDUSTRIES INC. D.O.T. APPROVAL # 161-93</p> <p>Signature <u><i>[Signature]</i></u> Lic. Or Stamp DA R08</p> </div>
Nov. 14, 2006	-	-	20	.5	<p>Standard Airworthiness Certificate dated Oct. 25, 2006 was reissued this date. <i>Daryl L. Middlebrook</i> DART 950010EA FAA Designated Airworthiness Representative</p>
1 DEC 2006			20	.5	
			20	.5	CARRIED FORWARD

ENGINEERING RECORD

4

INSPECTION, REPAIRS & REPLACEMENT

SIGNATURE

LICENCE
NUMBER

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

[Signature]
[Signature]

DA
Q 84
DA
Q 84

[Signature]
[Signature]

DA
Q 84

[Diagonal line across unused rows]



Date: December 1, 2006

WO#: RO-06-305 S/N: 42.AC011 Reg #: N964JB TTAF: 20.5 Hrs
Tach 18.8 Hrs

The Following work has been carried out.

1. Left and Right main landing gear folding stay's removed I.A.W. AMM 32-10-00 to facilitate inspection/repair of main landing gear drag brace attachment rib I.A.W. Diamond Aircraft Industries MAM 42-220/b, and RAM 42-041.
2. Left and Right main landing gear drag brace attachment ribs inspected I.A.W. Diamond Aircraft Industries MAM 42-220/b.
3. Left and Right main landing gear drag brace attachment rib repaired I.A.W. Diamond Aircraft Industries RAM 42-041 and approved drawings D60-5710-03-00 RAM, D60-5710-33-00, D60-5710-34-00, D60-5710-37-00, and D60-5710-38-00.
4. Left and Right main landing gear folding stay's installed I.A.W. AMM 32-10-00. Functional check of landing gear system performed I.A.W. AMM 32-30-00 paragraph 7, and 8.

Signature

[Signature]

Lic or Stamp

DA
R012

AIR TIME AND

[illegible]

ENGINEERING RECORD

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

Diamond

Date: December 08, 2006, S/N: 42.AC011 Req. #: N964JB

W/O RO-06-305 TSN: 20.5 HRS

The following work carried out by Diamond Aircraft Industries Inc. Service center Dept.

LHE & RHE coolant radiator hoses adjusted for lower cowl clearance. Coolant drained and replenished on LH & RH cooling system to facilitate above described work. Both LH & RH cooling systems pressure tested to 2.5 bar. No leaks detected.

MSB 40-030 Return fuel line from fuel rail and Banjo fitting inspection on LH and RH engines complied with.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

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

Signature Paul H. Reed Lic. Or Stamp

DA
ROE

Diamond

Date: December 20, 2006, S/N: 42.AC011 Reg. #: N964JB

W/O RO-06-339 TSN: 20.5 HRS.

Aft Passenger seat removed due to scuff mark. New seat P/N DA42-Interior-IFA installed.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

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

Signature [Signature] Lic Or Stamp

DA
RO **Diamond**

Date: December 18, 2006, S/N: 42.AC011 Reg. #: N964JB

W/O RO-06-342 TSN : 21.0 HRS.

The following work carried out by Diamond Aircraft Industries Inc.
Service Center Department.

Aircraft jacked up and LH MLG uplock switch adjusted. Several Gear swings carried out and the landing gear system including gear indication found to operate normal. Above described work performed IAW AMM chapter 32. LH & RH Auxiliary fuel transfer pumps lines purged and both pumps re primed. Fuel transfer check on both sides carried out and the system found to operate normal. Low level indication switch on TKS system replaced with new unit P/N RFS-12-2. Operation check of the TKS system performed & found to be satisfactory.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

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

Signature _____

Lic Or Stamp

DA
BO

ENGINEERING RECORD

5

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005



REG **N629SA** TYPE **DA 42** TACH **1215.3** HOBBS **1293.8**

While performing the annual inspection, the following discrepancies were noted and addressed. Removed and replaced L/H eng turbo exhaust mount nuts, removed and replaced R/H eng turbo exhaust nuts, removed and replaced L/H eng fwd coolant pipe, applied sealant to R/H wing center anti ice, replaced alternator excitation batteries, replaced both L/H and R/H M/L/G tires, replaced L/H and R/H wing fuel cap o-rings, replaced L/H eng voltage regulator with new P/N 05-7150-E000702 S/N 11148, Replaced ECU batteries, installed new support bracket on L/H eng P/N 52-7310-H001001, removed, cleaned, inspected and repacked all wheel bearings. -END-

Signature

Ken A. Boynton

Date

5/12/2015

Ken A. Boynton A&P 264519426

AIR TIME AND

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

Airframe

**Columbia Air Services, Inc.
LOG BOOK ENTRY**

Page 1 of 1

A/C REG: N629SA

A/C S/N: 42.AC011

DATE: 07/02/07

A/C TOTAL TIME: 58.6 (TIS)

HOUR METER:

W/O NO: MWO-07-2159

ENGINE TOTAL TIME 58.6 (TIS)

S.M.O.H.

1. Removed and replaced aircraft's lead acid battery with new, P/N: RG24-15M, S/N: 40181. Charged and installed battery (S/N removed: 40142301).
 2. Inspected left engine fuel filter bowl for leaks, no leaks noted.
 3. Performed engine ground run, operational and leak checks satisfactory.
- END-----

MAINTENANCE RELEASE
 THE AIRCRAFT AIRFRAME, 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. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W/O# MWO-07-2159 DATE 07/02/07 SIGNED [Signature]
 FOR **Columbia Air Services, Inc.** FAA CERTIFIED REPAIR STATION - SO5R204N GROTON, CT 06340

MAKE: Diamond
MODEL: DA-42
S/N: 42 AC011
REG. NO. 629SA
WORK ORDER:
1429-08-2007



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

DATE: 9/7/2007
A/C TSN: 69.5
TACH: 69.5

Airframe Entries

C/W ANNUAL INSPECTION IAW FAR PART 43 APPENDIX d AND DA42 MM ANNUAL INSPECTION GUIDE. PERFORMED INSPECTION AND FUNCTIONAL CHECK OF ELT IAW FAR 91.207 d ELT BATTERY DUE DATE: AUG 2011.... REPLACED RACES AND BEARINGS ON NLG WHEEL WITH NEW. RE INSTALLED NOSE WHEEL.... BLEED RH BRAKE SYSTEM WITH MIL 5608 HYD FLUID. OPS CHECKED GOOD.... REMOVED WING REPLACED LH WING INBOARD FUEL PROBE ASSY WITH NEW P/N D60-2817-13-00 IAW DA42 MM.... C/W OSB 42-050 ECU BATTERY BACK UP MODIFICATION IAW INSTRUCTIONS AND DRAWINGS PROVIDED. FUNCTIONAL CHECK GOOD. REVISED WEIGHT AND BALANCE.

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: 9/7/2007

SIGNED: [Signature]

Jack Wesley Dale, Jr. 456967085

Work Order: 1429-08-2007

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CARRIED FORWARD

ENGINEERING RECORD

9

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

MAKE: Diamond
MODEL: DA-42
S/N: 42 AC011
REG NO: 629SA
WORK ORDER:
1429-08-2007



Premier Aircraft Service, Inc.

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

DATE: 9/7/2007
A/C TSN: 73.5
TACH: 73.5

Airframe Entries

PERFORMED GRS 77 PITCH/ROLL OFFSET CALIBRATION PROCEDURE A1 AND LEVELED AIRCRAFT IAW GARMIN M/M
190-00545-00 AND DA-42 M/M. CALIBRATION SUCCESSFUL. ALL INDICATIONS NORM.

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: 9/7/2007

SIGNED

Raymond Ocasio A&P: 81604851

Work Order: 1429-08-2007

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Port City Air, Inc.

104 Grafton Drive Portsmouth New Hampshire 03801

Phone: 603 430 1111 Toll Free: 888 732 7324

fax: Maintenance and Avionics 603 430 1199, fax: Operations 603-776-0266

FAA Certified Repair Station No. P49R490N

9/20/07 N629SA Diamond DA42 S/N 42.AC011 Total Time: 82.5 W/O A10781

Troubleshoot heading error on PFD. Found pins 8 and 12 on connector P2416 between GRS77 AHRS and GMU44
Magnetometer swapped. Repinned connector P2416 to proper configuration in accordance with Diamond maintenance
manual. Operational check of heading system good.

The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer
recommendations and are approved for return to service.

Authorized Signature Bryan Frobes

AIR TIME AND

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	HRS.	MIN.	HRS.	MIN.	

Airframe		Columbia Air Services, Inc.		Page 1 of 1
LOG BOOK ENTRY				
A/C REG: <u>N629SA</u>		A/C S/N: <u>42.AC011</u>		
DATE: <u>11/06/07</u>	A/C TOTAL TIME: <u>85.8 (TIS)</u>	HOUR METER: <u>85.8 (TIS)</u>		
W/O NO: <u>MWO-07-2282</u>	ENGINE TOTAL TIME <u>85.8 (TIS)</u>	S.M.O.H.		
<p>1. Removed and replaced left and right engine FADEC with repaired units, P/N: 02-7610-55181R1 S/N: 2038 (LH) and 2547 (RH). Ref. Thielert Aircraft Engines GmbH (Lichtenstein, Germany) W/O# FA3711277 (LH) and FA3710381 (RH). Removed and replaced left engine glow plug relay, P/N: 70-903 with new. Removed and replaced left and right engine glow plug relay diodes with new, P/N: 1N4006. Work performed in accordance with Thielert Operations Maintenance Manual, TAE125-01 chapter 4 and Diamond Aircraft DA-42 A.M.M. chapter 92. (S/N's removed: 1832 (LH) and 1898 (RH))</p> <p>2. Performed engine ground run, operational and leak checks satisfactory.</p> <p style="text-align: center;">-----END-----</p>				

MAINTENANCE RELEASE			
THE AIRCRAFT AIRFRAME, 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. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER			
W/O#	MWO-07-2282	DATE	11/06/07
		SIGNED	
FOR Columbia Air Services, Inc. FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340			

Airframe		LOG BOOK ENTRY		Page 1 of 1
LOG BOOK ENTRY				
A/C REG: <u>N629SA</u>		A/C S/N: <u>42.AC011</u>		
DATE: <u>11/06/2007</u>	A/C TOTAL TIME: <u>85.8</u>	HOUR METER:		
W/O NO: <u>A-07-1842</u>	ENGINE TOTAL TIME	S.M.O.H.		
<p>1. Removed GMU44 P/N 011-00870-00 S/N 47507181 and installed warranty exchange unit S/N 47506466. Operational check satisfactory.</p> <p style="text-align: center;">- END -</p>				

Maintenance Release			
The Aircraft Airframe, 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. Permanent Records Of The Repair Are On File At This Repair Station Under			
W/O#	A-07-1842	Date	11/06/2007
		SIGNED	
Columbia Air Services, Inc. Groton-New London Airport Groton, CT 06340 FAA Certified Repair Station # SO5R204N			

ENGINEERING RECORD

7

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N# N629SA Ser. #: 42.AC011 Eng TT: 167.8
Date: 05-16-2008 Hobbs: 167.8 ACTT: 167.8

Completed Annual insp. per FAR 43, app. D using Diamond form from chapt. 5 of the MM as a guide. C/W FAR 91.207(d) on the ELT - unit chkd. OK - next due 05/09 - batt. due date is 04/11. FAR's 91.411 & 91.413 are due 10/08. C/W Diamond MSB-42-055 (water system check) repositioned clamps per bulletin instructions - no other defects noted. C/W Diamond MSB-42-043/1 (aileron bellcranks) by installing kit per bulletin work instructions. C/W Diamond MSB-42-035 (coolant tank cap relief check) and found no defects - next check due at 367.8. Installed new SCAT ducting for cabin heat in the LH nacelle. Installed all new 66-105 brake pads. Repaired a small fuel seep at the forward leg of the tee fitting installed in the trailing edge otbd. area of the RH nacelle. Installed a new DA4-1123-20-07 emer. exit placard on the outside of the rear door near the key cylinder. Installed new ECU backup batteries (4 ea.) p/n LC-R127R2P - next change due 05/09 + or - 30 days. Installed two new alternator excitation batteries p/n LCR 12 -V 1.3P - next change due 05/09. Installed a new emergency gyro battery p/n D60-2560-91-00 - next change due 05/10. I certify that this airframe has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

Shoreline Aviation, Inc.

AIR TIME AND

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



INFINITY AVIATION

Infinity Aviation Services LLC
117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 8/21/2008; Aircraft: N629SA; Type: DA42; S/N: 42.AC011; Hobbs:; Tach: 203.70; Total Time:

- * Removed the roll servo p/n 065-00179-0500 s/n 12261. Installed a repaired roll servo from Honeywell p/n 065-00179-0500 s/n 3667. Operationally tested the system with satisfactory results.
- * Installed wing walkway p/n D60-1127-10-52_1 on the right wing.
- * Removed the damaged lift detector p/n 187-2 s/n 279. Installed a new lift detector p/n C-99701-1 s/n 851. Operationally tested the stall heat with satisfactory results.

Signature: Lee Abt
Date: 8/21/2008, W/O: 12206
Infinity Aviation Services LLC
FAA Certified Repair Station
#I6FR992Y

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: N629SA Ser. #: 42.AC011 Eng TT: 261.4
Date: 01-02-2009 T.I.S.: 261.4 ACTT: 261.4

Completed Annual insp. per FAR 43, App D using DA42 maint. manual chapt 5 as a guide (200 hrs. inspection items). C/W FAR 91.207(d) on the ELT and found no defects - ELT battery due date is 04/11. FAR's 91.411 & 91.413 are due. Diamond **MSB-42-058** (A.D. 2008-23-08, para. (f)(2)) is due by 06/22/09 - parts are currently unavailable. Completed inspection req'd by para. (f)(1) of this A.D. and found no defects - para. (f)(1) is next due by 361.4 unless para. (f)(2) is cone. C /W Diamond **MSB-42-062** by installing MSB-42-062-KIT at all 3 landing gear downlock pins - no further action is req'd. Completed composite repair to the intermediate wing root rib at the inbd. wall of both wheel wells per the attached FAA form 337 and Diamond Approved drawing # RAM 42-066. I certify that this airframe has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.

Edward J. Novak Jr. A+P 2832024

CARRIED FORWARD

ENGINEERING RECORD

9

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N# N629SA Ser. #: 42.AC011

Date: 03-09-2009 ACTT: 261.4

1) Complied with AD 2008-23-08 to the RH rear engine mount legs by installing new safety wired bolts and modifying the mount leg powder coating per the Work Instruction provided with the MSB-42-058 Kit. No further action is required - this AD and Diamond MSB42-058 are now considered permanently complied with.

2) Complied with Diamond recommended bulletin RSB42-066 by replacing the aux. fuel transfer check valves with electric solenoids per the Work Instructions provided with the RSB42-066 Kit. Function and leak check OK - no further action is required.

Edward J. Novak Jr.
Edward J. Novak Jr. A+P 2832024 IA

N 629SA Tach 265.6 Work Order 25757

FAR91.411 has been accomplished IAW part 43 appendix E, paragraph A, B, C. The Altimeters were tested to 20,000 ft.

Altimeter #1: Garmin GDC-74A s/n 47806549

Altimeter #2: United Instruments 5934PD-3 s/n 453509

Encoder: Garmin ADC

FAR 91.413 has been accomplished IAW part 43 appendix F.

Transponder: Garmin GTX-33 s/n 89103005

Paul P. Worchester 05/21/09
the radio shop, inc.. airport worcester, ma 01602
Repair Station TD5R219N

AIR TIME AND

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

ENGINEERING RECORD

OTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

N#: 629SA Ser. #: 42.AC011
Date: 10-21-2009 T.I.S.: 297.3 ACTT: 297.3

Replaced both main tires with new p/n 070-449-0 and serviced wheel bearings.

John E. Sheehan

John E. Sheehan A+P 16603796 IA

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: N629SA Ser. #: 42.AC011 Eng TT: 354.2
Date: 02-11-2010 T.I.S.: 354.2 ACTT: 354.2

Completed Annual insp. per FAR 43, App D using DA42 maint. manual chapt 5 as a guide (200 hrs. inspection items). C/W FAR 91.207(d) on the ELT and found no defects - ELT battery due date is 04/11. FAR's 91.411 & 91.413 are due 05/11. C/W Diamond RSB-42-041/1 by welding both heat exchangers per bulletin instructions. C/W Diamond RSB-42-072/1 by coating the terminals of both engine fire sensor probes per bulletin instructions. Diamond MSB-42-070/1 by checking the NLG pivot tube gap per bulletin instructions - gap measured at .006" - max allowed is .035" - next check due at 454.2. C/W MSB42-074/2 (nose gear box reinforcement) per bulletin instructions. C/W Diamond SI 42-127 by coating all external unpainted parts per document instructions. C/W Diamond SI42-122 & 123 by checking the G1000 knobs per document instructions and found no defects. Capacity (load) tested the ECU B/U and alternator excitation batteries and found all 6 of these batteries have 100% of their rated capacity available. Resealed the RH brake wheel cylinder using 2 new MS28775-222 o-rings - install new 66-105 brake pads on both sides. Installed a new Michelin 071 -311-0 (5.00x5 10pr) nose tire. I certify that this airframe has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.

John E. Sheehan

John E. Sheehan A+P 3439269 IA

SHIPPED FORWARD

ENGINEERING RECORD

10

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: N629SA

Date: 03-10-2010 T.I.S.: 362.0

1) Installed a new Michelin Air 070-449-0 (15x6.0-6 6pr) tire, and a new Michelin 097-500-0 (15x6.0-6) inner tube on the left side.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: N629SA

Date: 12-11-2010 T.I.S.: 401.2

1) Installed a new Michelin Air 070-449-0 (15x6.0-6, 6pr) tire and a new Michelin 097-500-0 (15x6.0-6) inner tube on the left side.

Edward J. Novak Jr.
Edward J. Novak Jr. A+P 2832024 IA

Edward J. Novak Jr.
Edward J. Novak Jr. A+P 2832024 IA

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: 629SA

Date: 01-10-2011

ACTT: 407.5

Installed new Michelin Air Tire on right side P/N 070-449-0.

Thomas Hall
Thomas Hall A+P 2351789 IA

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

[illegible]

N# 6629SA - Ser. # 42.AC011 Eng TT: 412.7
Date: 03-15-2011 T.I.S.: 412.7 ACTT: 412.7

Completed Annual insp. per FAR 43, App D using DA42 maint. manual
chapter 5 as a guide (200 hrs. inspection items). C/W FAR 91.207(d) on
the ELT and found no defects - installed a new 455-0012 ELT battery -
new due date is 01/16. FAR's 91.411 & 91.413 are due 05/11. C/W
Diamond 1000 hr./4 yr. bonding insp. - no defects noted. C/W Diamond
RSB42-036 by adding H2O separators to the FADECs per kit
instructions. C/W Diamond RSB42-089 by R+R of both MLG strut seals
per bulletin instructions. C/W Diamond MSB42-077 by modifying the
emer. release lever per kit instructions. C/W Diamond MSB42-083 by
modifying the rear cabin door lower latch per kit instructions. C/W
Diamond RSB42-080 by adding diodes to the FADEC wiring per kit
instructions. C/W Diamond MSB42-039 by modifying the engine
breathers per bulletin instructions. C/W Diamond MSB42-087/1 by
insp. of the rudder bellcrank per bulletin instructions - no defects noted -
next due at 612.7. C/W Diamond MSB-42-070/1 by checking the NLG
pivot tube gap per bulletin instructions - gap measured at .006" - max-
allowed is .035" - next check due at 454.2. C/W Diamond MSB42-076
insp. and sealing of firewall holes) per bulletin instructions. C/W
Diamond MSB42-088/3 by installing steel MLG links per bulletin
instructions - this is terminating action for this bulletin. Installed new
ECU B/U, alternator excitation & emergency batteries. Installed a new
RG24-15M main airplane battery, serial # 40407087. Installed a new
_LH wingwalk part # D60-1127-10-51_1. Installed a new LH wing jack
pad part # DV2-1200-00-02. Coated rudder mount steel plate on the
fuselage with LPS Hardcoat to prevent further rusting. Rebonded wire
tie downs for the static tubing in the tail above the hyd. power pack.
Rebonded the LH wing root seal. I certify that this airframe has been
inspected in accordance with an Annual insp. and was determined to be
in airworthy condition.

Edward J. Novak Jr. A+P 283 024 IA

NEXAIR
AVIONICS

NG295A

Altimeter Correction Card

Altimeter: 5934 PD-3	SN: 453509
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ALT	Error	ALT	Error
-1000	5	14000	0
0	0	16000	10
500	5	18000	20
1000	0	20000	30
1500	5	22000	
2000	10	25000	
3000	15	30000	
4000	15	35000	
6000	5	40000	
8000	0	45000	
10000	5	50000	
12000	5	55000	

Barometric InHg: 29.92

Test Date: 8 JUN 11

Tested By: [Signature] CRS N4OR087B
Mansfield Airport 265 Fruit St Mansfield MA 02048

NEXAIR
AVIONICS

91 411 *Tested To 20,000*

Order has been tested and found to be in compliance with
Ex F, as required by FAR 91.413

VIONICS CRS:N4OR087B WO: 730

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER**Primeplanes Aircraft Services Inc.**

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005



N629SA TYPE DA-42 TACH 490 ACTT 490

/ an Annual inspection IAW FAR 43 app D. R/R Alternator Excitation Batteries p/n LC-R121R3P. R/R Back up Batteries p/n LC-R127R2P. Drained hydraulic fluid from hydraulic power pack, and serviced Fluid 4, IAW Daimond MM. Drained hydraulic fluid from L&R brake lines, and serviced with Fluid 4, IAW Daimond MM. R/R L&R airframe fuel filters, and bled system. R/R rusted hardware on nose gear door, and der trim rod end bolts. R/R Left main tire, serviced all wheel bearings. C/W MSB 42-070 inspection of NLG pivot point, measured .015", within tolerance. Performed gear swings and emergency extension, check ELT inspected IAW FAR 91.207d., battery due Jan 2016. AD's researched thru 12-06. I certify that this frame has been inspected IAW an Annual inspection and determined to be in airworthy condition.

Signature

Date

4/5/2012

Paul Krystaszek A&P 3062365 IA

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005



REG

N629SA TYPE DA-42 TACH 499.1 ACTT 499.1

R/R right main tire with condor 15x6-6 00.

Signature

Date

April 17, 2012

Jeremy R. Hughes A&P 3593175

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005



REG

N629SA TYPE DA-42 TACH 499.1 ACTT 499.1

R/R rudder pedal adjustment cable on pilot side with P/N 20-2700-21-00.

Signature

Date

4/17/2012

Jeremy R. Hughes A&P 3593175

4/12 TT: 588.5 R/R Left main tire w/ Condor 15-6.00x6.

Entered in Error

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005



REG

N629SA TYPE DA-42 TACH 541.5 ACTT 541.5

removed and replaced RH wingtip strobe w/ new, p/n A-610; Operational check ok -end-

Signature

Date

7/18/2012

Brian Thoresen A&P 3277997

DATE

DAILY
TOTAL

TOTAL AIR
TIME SINCE
MFG.

ENGINEERING RECORD

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

BROU-
FORM

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG. **N629SA** TYPE **DA-42** TACH **589.7** ACTT **589.7**

C/W a 100 hour inspection IAW FAR 43 app D. R/R Left engine fire detection probe, functional check OK. R/R snap rings on all landing gears due to rust. R/R Rusted bolts on elevator. Removed rudder trim rods, cleaned corrosion, prepped and painted. R/R Left and Right fuel filters, and bled fuel system. Removed Left and Right brake assemblies, replaced O-rings, R/R all brake linings, re-installed and bled brakes with MIL 5606. C/W **MSB 42-035** on Left and Right engine by pressure relief test of coolant caps. C/W **AD 12-17-07** by c/w **WI-42-092**, inspection of skin to spar bonding, check ok. ELT tested IAW FAR 91.207d, battery due Jan 2016. AD's researched thru 12-18. I certify that this airframe has been inspected IAW a 100 hour inspection and determined to be in airworthy condition.

Signature

Paul Krystaszek
Paul Krystaszek A&P 3062365

Date

9/24/2012

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG. **N629SA** TYPE **DA-42** TACH **689.2** S/N **42AC011**

Complied with 100 hour inspection in accordance with FAR Part 43 Appendix D, using Diamond Aircraft Maintenance Checklist DA42 contained in DA42 Series Aircraft Maintenance Manual, 05-20-00, as a guide; Lubricated airframe as required; Removed, cleaned, inspected, repacked, and reinstalled all wheel bearings; Removed and replaced pilot side nose wheel bearing and race with new, p/n 08125 (bearing) and 08231 (race) due to corrosion and water damage; Removed both left and right main gear downlock rods due to surface rust; Mechanically removed areas of surface rust, treated, epoxy primed, painted, and reinstalled; Performed gear retraction tests, all parameters normal; Removed and replaced broken bonding strap on right o/b flap push/pull rod; Removed and replaced broken bonding strap on upper nose gear strut housing; Resealed rear cabin door rear hinge face with 3M 4000UV sealant as required; Right lower cowling scoop found to have chafe damage in scoop; filled area with flox/epoxy resin; sanded and applied touch up paint as required; Removed and replaced right aileron aft push/pull rod bolt with new, p/n LN9037 m6x26 bolt due to surface rust; Researched AD's through 01-28-2013; I certify that this airframe has been inspected in accordance with a 100 hour inspection and found to be in an airworthy condition. END

Signature

Brian Thoresen
Brian Thoresen, A&P 3277997

Date

Jan 28th 2013

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG. **N629SA** TYPE **DA-42** TACH **705.7** ACTT **705.7**

R/R left main tire with new Condor P/N 072-449-0 and tube with new Goodyear P/N 302-246-401.

Signature

Jeremy R. Hughes
Jeremy R. Hughes A&P 3593175

Date

Feb. 11, 2013

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

SIGNATURE

LICENCE
NUMBER

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

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG. N629SA TYPE DA42 TACH 755.6 S/N 42AS011

AIRFRAME

C/W 100 hour/ annual inspection IAW FAR Part 43 app D and Diamond checklist.
Replaced All excitation batteries, replaced emergency back up batteries, replaced ECU
back up battery. Replaced right main landing gear tire. R&R airframe fuel filters and bled
system. Performed gear swing and emergency extension. Repaired crack on bottom of rear seat
Reglued tywrap bases in fwd baggage compartment. AD's researched thru 2013-06.
ELT battery due Jan 2016. I certify that this airframe has been inspected IAW
an annual inspection and found to be in airworthy condition.

Signature Arthur Boiteau
Arthur Boiteau A&P 2863454 IA

Date 5/2/2013

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG. N629SA TYPE DA42 TACH 782.9 ACTT 782.9

Removed main battery, charged, and reinstalled. Ops check ok.

Signature Jeremy R. Hughes
Jeremy R. Hughes A&P 3593175

Date 5/23/2013

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG. N629SA TYPE DA42 TACH 790.9 S/N

Removed and replaced left engine fuel filter sump drain oring with new, F
No further leaks detected. Satisfied valve as required. -END-

Signature Brian Thoresen
Brian Thoresen, A&P 3277997

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

AIRCRAFT N629SA DATE 7/2/13 WO 12506 TACH

AIRFRAME LOG

PERFORMED BIENNIAL RECERTS (H/R) ON #1 ALTIMETER P/N: 011-008
ALTIMETER P/N: 5934PD-3 S/N: 455309 TO 20,000' RECERTIFIED TRANSF
PERFORMED ENCODING CORRELATION TEST TO 20,000' ENCODER M
PERFORMED STATIC SYSTEM LEAK RATE TEST ALL IAW FAR 43 AP
FOR NAPLES AIR CEN

ROBERT L. HOUSE

REPAIR STATION & QUALITY CONTROL MANUAL

Section: VI
Page: 14
Title: Forms
Date: 7-23-06
Revision: 4

20,000 FT. ALTIMETER CERTIFICATION (FORM 629)

Date 7/2/13
P/N: 011-008 S/N: 455309 Work Order No. 12506
MANUF. Garmin

SCALE ERROR

1000	-980	+/- 20"
1500	-10	+/- 20"
1700	410	+/- 20"
2100	780	+/- 20"
2300	1450	+/- 20"
2500	2110	+/- 20"
2700	2770	+/- 20"
2900	3430	+/- 20"
3100	4090	+/- 20"
3300	4750	+/- 20"
3500	5410	+/- 20"
3700	6070	+/- 20"
3900	6730	+/- 20"
4100	7390	+/- 20"
4300	8050	+/- 20"
4500	8710	+/- 20"
4700	9370	+/- 20"
4900	10030	+/- 20"
5100	10690	+/- 20"
5300	11350	+/- 20"
5500	12010	+/- 20"
5700	12670	+/- 20"
5900	13330	+/- 20"
6100	13990	+/- 20"
6300	14650	+/- 20"
6500	15310	+/- 20"
6700	15970	+/- 20"
6900	16630	+/- 20"
7100	17290	+/- 20"
7300	17950	+/- 20"
7500	18610	+/- 20"
7700	19270	+/- 20"
7900	19930	+/- 20"
8100	20590	+/- 20"
8300	21250	+/- 20"
8500	21910	+/- 20"
8700	22570	+/- 20"
8900	23230	+/- 20"
9100	23890	+/- 20"
9300	24550	+/- 20"
9500	25210	+/- 20"
9700	25870	+/- 20"
9900	26530	+/- 20"
10100	27190	+/- 20"
10300	27850	+/- 20"
10500	28510	+/- 20"
10700	29170	+/- 20"
10900	29830	+/- 20"
11100	30490	+/- 20"
11300	31150	+/- 20"
11500	31810	+/- 20"
11700	32470	+/- 20"
11900	33130	+/- 20"
12100	33790	+/- 20"
12300	34450	+/- 20"
12500	35110	+/- 20"
12700	35770	+/- 20"
12900	36430	+/- 20"
13100	37090	+/- 20"
13300	37750	+/- 20"
13500	38410	+/- 20"
13700	39070	+/- 20"
13900	39730	+/- 20"
14100	40390	+/- 20"
14300	41050	+/- 20"
14500	41710	+/- 20"
14700	42370	+/- 20"
14900	43030	+/- 20"
15100	43690	+/- 20"
15300	44350	+/- 20"
15500	45010	+/- 20"
15700	45670	+/- 20"
15900	46330	+/- 20"
16100	46990	+/- 20"
16300	47650	+/- 20"
16500	48310	+/- 20"
16700	48970	+/- 20"
16900	49630	+/- 20"
17100	50290	+/- 20"
17300	50950	+/- 20"
17500	51610	+/- 20"
17700	52270	+/- 20"
17900	52930	+/- 20"
18100	53590	+/- 20"
18300	54250	+/- 20"
18500	54910	+/- 20"
18700	55570	+/- 20"
18900	56230	+/- 20"
19100	56890	+/- 20"
19300	57550	+/- 20"
19500	58210	+/- 20"
19700	58870	+/- 20"
19900	59530	+/- 20"
20100	60190	+/- 20"
20300	60850	+/- 20"
20500	61510	+/- 20"
20700	62170	+/- 20"
20900	62830	+/- 20"
21100	63490	+/- 20"
21300	64150	+/- 20"
21500	64810	+/- 20"
21700	65470	+/- 20"
21900	66130	+/- 20"
22100	66790	+/- 20"
22300	67450	+/- 20"
22500	68110	+/- 20"
22700	68770	+/- 20"
22900	69430	+/- 20"
23100	70090	+/- 20"
23300	70750	+/- 20"
23500	71410	+/- 20"
23700	72070	+/- 20"
23900	72730	+/- 20"
24100	73390	+/- 20"
24300	74050	+/- 20"
24500	74710	+/- 20"
24700	75370	+/- 20"
24900	76030	+/- 20"
25100	76690	+/- 20"
25300	77350	+/- 20"
25500	78010	+/- 20"
25700	78670	+/- 20"
25900	79330	+/- 20"
26100	79990	+/- 20"
26300	80650	+/- 20"
26500	81310	+/- 20"
26700	81970	+/- 20"
26900	82630	+/- 20"
27100	83290	+/- 20"
27300	83950	+/- 20"
27500	84610	+/- 20"
27700	85270	+/- 20"
27900	85930	+/- 20"
28100	86590	+/- 20"
28300	87250	+/- 20"
28500	87910	+/- 20"
28700	88570	+/- 20"
28900	89230	+/- 20"
29100	89890	+/- 20"
29300	90550	+/- 20"
29500	91210	+/- 20"
29700	91870	+/- 20"
29900	92530	+/- 20"
30100	93190	+/- 20"
30300	93850	+/- 20"
30500	94510	+/- 20"
30700	95170	+/- 20"
30900	95830	+/- 20"
31100	96490	+/- 20"
31300	97150	+/- 20"
31500	97810	+/- 20"
31700	98470	+/- 20"
31900	99130	+/- 20"
32100	99790	+/- 20"
32300	100450	+/- 20"
32500	101110	+/- 20"
32700	101770	+/- 20"
32900	102430	+/- 20"
33100	103090	+/- 20"
33300	103750	+/- 20"
33500	104410	+/- 20"
33700	105070	+/- 20"
33900	105730	+/- 20"
34100	106390	+/- 20"
34300	107050	+/- 20"
34500	107710	+/- 20"
34700	108370	+/- 20"
34900	109030	+/- 20"
35100	109690	+/- 20"
35300	110350	+/- 20"
35500	111010	+/- 20"
35700	111670	+/- 20"
35900	112330	+/- 20"
36100	112990	+/- 20"
36300	113650	+/- 20"
36500	114310	+/- 20"
36700	114970	+/- 20"
36900	115630	+/- 20"
37100	116290	+/- 20"
37300	116950	+/- 20"
37500	117610	+/- 20"
37700	118270	+/- 20"
37900	118930	+/- 20"
38100	119590	+/- 20"
38300	120250	+/- 20"
38500	120910	+/- 20"
38700	121570	+/- 20"
38900	122230	+/- 20"
39100	122890	+/- 20"
39300	123550	+/- 20"
39500	124210	+/- 20"
39700	124870	+/- 20"
39900	125530	+/- 20"
40100	126190	+/- 20"
40300	126850	+/- 20"
40500	127510	+/- 20"
40700	128170	+/- 20"
40900	128830	+/- 20"
41100	129490	+/- 20"
41300	130150	+/- 20"
41500	130810	+/- 20"
41700	131470	+/- 20"
41900	132130	+/- 20"
42100	132790	+/- 20"
42300	133450	+/- 20"
42500	134110	+/- 20"
42700	134770	+/- 20"
42900	135430	+/- 20"
43100	136090	+/- 20"
43300	136750	+/- 20"
43500	137410	+/- 20"
43700	138070	+/- 20"
43900	138730	+/- 20"
44100	139390	+/- 20"
44300	140050	+/- 20"
44500	140710	+/- 20"
44700	141370	+/- 20"
44900	142030	+/- 20"
45100	142690	+/- 20"
45300	143350	+/- 20"
45500	144010	+/- 20"
45700	144670	+/- 20"
45900	145330	+/- 20"
46100	145990	+/- 20"
46300	146650	+/- 20"
46500	147310	+/- 20"
46700	147970	+/- 20"
46900	148630	+/- 20"
47100	149290	+/- 20"
47300	149950	+/- 20"
47500	150610	+/- 20"
47700	151270	+/- 20"
47900	151930	+/- 20"
48100	152590	+/- 20"
48300	153250	+/- 20"
48500	153910	+/- 20"
48700	154570	+/- 20"
48900	155230	+/- 20"
49100	155890	+/- 20"
49300	156550	+/- 20"
49500	157210	+/- 20"
49700	157870	+/- 20"
49900	158530	+/- 20"
50100	159190	+/- 20"
50300	159850	+/- 20"
50500	160510	+/- 20"
50700	161170	+/- 20"
50900	161830	+/- 20"
51100	162490	+/- 20"
51300	163150	+/- 20"
51500	163810	+/- 20"
51700	164470	+/- 20"
51900	165130	+/- 20"
52100	165790	+/- 20"
52300	166450	+/- 20"
52500	167110	+/- 20"
52700	167770	+/- 20"
52900	168430	+/- 20"
53100	169090	+/- 20"
53300	169750	+/- 20"
53500	170410	+/- 20"
53700	171070	+/- 20"
53900	171730	+/- 20"
54100	172390	+/- 20"
54300	173050	+/- 20"
54500	173710	+/- 20"
54700	174370	+/- 20"
54900	175030	+/- 20"
55100	175690	+/- 20"
55300	176350	+/- 20"
55500	177010	+/- 20"
55700	177670	+/- 20"
55900	178330	+/- 20"
56100	178990	+/- 20"
56300	179650	+/- 20"
56500	180310	+/- 20"
56700	180970	+/- 20"
56900	181630	+/- 20"
57100	182290	+/- 20"
57300	182950	+/- 20"
57500	183610	+/- 20"
57700	184270	+/- 20"
57900	184930	+/- 20"
58100	185590	+/- 20"
58300	186250	+/- 20"
58500	186910	+/- 20"
58700	187570	+/- 20"
58900	188230	+/- 20"
59100	188890	+/- 20"
59300	189550	+/- 20"
59500	190210	+/- 20"
59700	190870	+/- 20"
59900	191530	+/- 20"
60100	192190	+/- 20"
60300	192850	+/- 20"
60500	193510	+/- 20"
60700	194170	+/- 20"
60900	194830	+/- 20"
61100	195490	+/- 20"

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

Primeplanes Aircraft Services Inc.
 240 Aviation Drive North Suite 102
 Naples, Florida 34104 ph. 239-659-4005



REG. **N629SA** TYPE **DA42** TACH **851.6** S/N **42 AC011**

Complied with a 100-hour inspection in accordance with FAR Part 43 Appendix D, using Diamond Aircraft DA 42 series AMM, Maintenance Checklist DA 42 Airframe, 05-28-50 as a reference; Serviced aircraft main battery as required; Lubricated airframe; Serviced aircraft wheels and brakes as required; Replaced all brake linings with new P/N 066-10500; Torqued backing plate bolts to 90 in/lbs; Relocated hobbs meter to upper right instrument panel and secured wiring as required; Replaced defective bonding straps in left main gear well at main gear strut hinge point; Replaced broken bonding strap at rudder cable quadrant under cabin center console, co-pilots' side w/ new; Jacked aircraft and performed landing gear retraction tests, and emergency extensions; No discrepancies noted; Tested ELT in accordance w/ FAR 91.207d, battery expiration Jan 2016; AD's researched through 07/19/13, none due at this time. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and found to be in an airworthy condition, -END-

Signature Brian Thoresen
 Brian Thoresen A&P 3277997

Date **July 19th, 2013**

MAKE: Diamond
 MODEL: DA-42
 S/N: 42 AC011
 REG. NO: 629SA
 WORK ORDER:
 5679-08-2013



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

DATE: 10/14/2013
 A/C TSN: 909 5
 TACH: 909 5

Airframe Entries

(6) REMOVED LH ENGINE PN: 02-7200-14017R1 SN: 02-01-0740 TOTAL TIME: 909.5 FROM AIRCRAFT N629SA SN: 42 AC011 IAW DIAMOND DA-42 TDI MM CHAPTER 71-00-00..... (7) REMOVED RH ENGINE PN: 02-7200-14017R1 SN: 02-01-0741 TOTAL TIME: 909.5 FROM AIRCRAFT N629SA SN: 42 AC011 IAW DIAMOND DA-42 TDI MM CHAPTER 71-00-00.

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: 10/14/2013

SIGNED:

Sam Tavares
 Certified Repair Station No. 9PRR402B

Work Order: 5679-08-2013

Printed by EBis 3 (datcomedia.com)

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBERMAKE: Diamond
MODEL: DA-42
SN: 42 AC011
REG. NO: 629SA
WORK ORDER:
5774-10-2013Premier Aircraft Service, Inc.
Repair Station No. 9PRR402B
5540 NW 23rd Avenue Hangar 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393DATE: 10/15/2013
A/C TSN: 909 5
TACH: 909 5

Airframe Entries

(2) PERFORMED LH AND RH ENGINE COWLING MOD IAW E.O. 13-1599-01-01 AND DIAMOND DA-42 TDI M/M CHAPTER 51. REFER TO 337 DATED 10/15/2013 FOR FURTHER DETAILS. (3) REPLACED NOSE TIRE WITH NEW P/N 500-5-10 GDY/FSII IAW DA42 M/M CH 32-40.

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: 10/15/2013

SIGNED:

Work Order: 5774-10-2013

Sam Tavaraz
Certified Repair Station No. 9PRR402B

Printed by EBIS 3 (datacomedia.com)

MAKE: Diamond
MODEL: DA-42
SN: 42 AC011
REG. NO: 629SA
WORK ORDER:
5679-08-2013Premier Aircraft Service, Inc.
Repair Station No. 9PRR402B
5540 NW 23rd Avenue Hangar 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393DATE: 10/15/2013
A/C TSN: 909 5
TACH: 909 5

Airframe Entries

(2) INSTALLED NEW LH ENGINE TAE 125 MODEL: 02-99 S/N 02-02-03423 ON AIRFRAME SN: 42 AC011 N629SA IAW DIAMOND OSB-42-046/2. SERVICE ENGINE WITH 6 LITERS OF AEROSHELL DIESEL ULTRA 5W30. SERVICE GEARBOX WITH 2 LITERS SHELL EP 75W90 API GL. PERFORMED ENGINE GROUND RUN-UP. OPS CHECKED GOOD. NO LEAKS DETECTED. (3) INSTALLED NEW RH ENGINE TAE 125 MODEL: 02-99 S/N 02-02-03422 ON AIRFRAME SN: 42 AC011 N629SA IAW DIAMOND OSB-42-046/2. SERVICE ENGINE WITH 6 LITERS OF AEROSHELL DIESEL ULTRA 5W30. SERVICE GEARBOX WITH 2 LITERS SHELL EP 75W90 API GL. PERFORMED ENGINE GROUND RUN-UP. OPS CHECKED GOOD. NO LEAKS DETECTED. (7) C/W GARMIN S/B 1031 G1000 SOFTWARE SYSTEM UPDATE TO VERSION 0370.22. TO ENABLE 2.0L ENGINE OPTION. ENABLED AIRCRAFT OPTIONS IAW G1000 SYSTEM M/M REV F. SYSTEM OPS CHECKED GOOD.

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: 10/15/2013

SIGNED:

Work Order: 5679-08-2013

Sam Tavaraz
Certified Repair Station No. 9PRR402B

Printed by EBIS 3 (datacomedia.com)

DATE 10-15-2013 TACH _____ HOUR METER 0879.4

MFG/MODEL Diamond DA 42 SERIAL 42.AC011

I certify that this aircraft was weighed in accordance with AC43.13-1B, change 1 in level flight attitude inside a closed hangar. Weighed with full oil. Weighed with fuel tanks empty.

Scale readings were:

LH MAIN 1160.0 RH MAIN 1164.0 NOSE TAIL 608.0

Scales Model 3-0109-299C, Serial 1239 Calibrated 5-7-2013

AIRFRAME NO: 3485687

AIRCRAFT WEIGHING CORP.
954-928-16191020 N.W. 62nd St., Hgr #6
Ft. Lauderdale, FL 33309

MAKE Diamond
MODEL DA-42
S/N 42 AC011
REG. NO. 629SA
WORK ORDER:
5774-10-2013



Premier Aircraft Service, Inc.
Repair Station No. 9PRR402B
5540 NW 23rd Avenue-Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2363

DATE 10/22/2013
A/C TSN: 908 5
TACH: 908 5

DATE

BROUGHT
FORWARD

Airframe Entries

(4) REMOVED LEFT LWR INSTRUMENT PANEL AND RE TIGHTENED LRG GEAR POSITION HANDLE ATTACHMENT NUT AS REQUIRED. RE INSTALLED PANEL IAW DA42 M/M CH 31-10 ... (5) RE POSITIONED AND TIGHTENED INSTRUMENT FLOOD LIGHT CONTROL KNOB AS REQUIRED ... (8) REMOVED AND REPLACED LMLG TIRE WITH NEW 6X6-6 CONDOR IAW DA-42 AMM CH 32-10 ... (9) C/W DIAMOND RSB 42-097 MAP LINE FITTINGS. REPLACED FITTINGS WITH NEW AND RE SECURED HOSES ON LEFT AND RIGHT ENGINES AS REQUIRED ... (10) REPAIRED RIGHT O/B UPPER COWLING IAW DA42 AMM CH51-20 AND 51-30.

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: 10/22/2013

SIGNED:

Work Order: 5774-10-2013

Rich Qulles
Certified Repair Station No. 9PRR402B

Printed by EBis 3 (datcomedia.com)

MAKE Diamond
MODEL DA-42
S/N 42 AC011
REG. NO. 629SA
WORK ORDER:
5800-11-2013



Premier Aircraft Service, Inc.
Repair Station No. 9PRR402B
5540 NW 23rd Avenue-Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2363

DATE 11/11/2013
A/C TSN: 936 4
TACH: 936 4

Airframe Entries

(3) REPLACED LEFT MAIN TIRE WITH NEW P/N 15X600-6-8 CONDOR IAW DA42 M/M CH 32-40 ... (4) PERFORMED RIGHT ECU DATA DOWNLOAD AND SENT RESULTS TO ENGINE MANUFACTURER FOR INVESTIGATION. DUE TO ALTERNATOR OVER VOLTAGE CONDITION. ENGINE MANUFACTURER CONFIRMED ECU OPERATIONS TO BE NORMAL AT THIS TIME ... (5) PAINTED ENGINE INSIDE ENGINE COWLING IAW DIAMOND DA42 TDI MM CHAPTER 71-10-00.

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: 11/11/2013

SIGNED:

Work Order: 5800-11-2013

Sam Tavaraz
Certified Repair Station No. 9PRR402B

Printed by EBis 3 (datcomedia.com)

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG. N629SA TYPE DA 42 Twinstar TACH 951.1 S/N 42 AC011

Performed 100-hour inspection in accordance with FAR Part 43 Appendix D, using Diamond Aircraft DA42 Series AMM Maintenance Checklist Airframe, 05-28-50, as a reference; Lubricated airframe as required; Removed, cleaned, inspected, repacked, and reinstalled all wheel bearings; Performed drain hole inspection IAW Diamond Aircraft DA42 Series AMM, 05-25-00; Performed conservation of Exterior Parts per 12-30-00; Serviced aircraft battery as required; Removed and replaced Rt. Fire warning probe w/ new, Diamond P/N D60-9026-16-03, operational check ok; Removed and replaced Nose gear door reel w/ new, Diamond P/N D60-5283-63-31; Removed and replaced transponder antenna with new, P/N CI-105-16 and sealed base as required; C/W AD 2013-07-01 in accordance with Diamond MSB 42-035 by removal of both main landing gear dampers, replacing required hardware, re-assembling dampers, and servicing with MIL-5608 fluid and nitrogen as required; Reinstalled dampers. C/W AD 2013-19-11 IAW Diamond Aircraft MSB 42-099/1; Replaced Head joint (P/N X11-0006SMRCD101RMR), Lock washer (P/N X11-0006-00-00.02), and Mod Sticker (P/N X11-0006-00-00.93); Performed multiple gear retraction tests, as well as emergency extensions; No discrepancies noted; ELT tested IAW FAR 91.207(d), Battery expiration JAN 2016; AD's researched through 12/12/2013; I certify that this airframe has been inspected in accordance with a 100-hour inspection and found to be in an airworthy condition at this time. - END-

Signature

Brian Thoresen A&P 3277997

Date

12/12/2013

ENGINEERING RECORD

14

REQUIRED FOR COMPLETE

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005


REG. N629SA TYPE DA-42 TACH 966.3 ACTT 960.3

Removed and replaced right main tire with new, 15x6 00-6, P/N 072-449-0. removed and serviced wheel bearing, torqued wheel halves to 150lbs/in. Reinstalled on gear, and torqued caliper to 85 lbs/in.—END—

Signature

Simon Crawford
Simon Crawford, A&P 3277003

Date

1/2/2014

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005


REG. N629SA TYPE DA 42 TACH 979.7 HOBBS 978.8

Removed and replaced nose gear damper assembly due to severe leak; Removed defective damper, Diamond P/N D60-3223-14-00, S/N Unknown, and replaced with new damper, P/N D60-3223-14-00, S/N RC1201097; Repacked nosewheel bearings as required; Rebanded both left and right jack pads with epoxy resin/flocks bonding paste; Serviced nose strut with Aeroshell Fluid 41 and Nitrogen as required; Serviced pressures in main gear dampers as required; All work in accordance with Diamond Aircraft DA42 Series AMM, 32-10-00, Sections 4 and 5, and 32-20-00, Section 4, 5, and 6; Performed multiple gear swings; No further discrepancies noted; -END-

Signature

Brian Thoresen
Brian Thoresen, A&P 3277997

Date

Jan 17th, 2014

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005


REG. N629SA TYPE DA 42 TACH 987.7 S/N 42 AC011

Removed and replaced pilot's side rudder adjustment cable with new, Diamond P/N 20-2700-21-00; Operational check of rudder pedal adjustment ok; -END-

Signature

Brian Thoresen
Brian Thoresen A&P 3277997

Date

1/22/2014

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005


REG. N269SA TYPE DA 42 TACH 1049.1 HOBBS 1072.7

Performed 100hr. Inspection in accordance with FAR Part 43 Appendix D, using Diamond Aircraft DA42 Series AMM Maintenance Airframe Checklist, 08-28-50 as Reference. Lubricated airframe as required, removed, cleaned, inspected, repacked, and reinstalled all wheel bearings, performed drain hole inspection IAW Diamond Aircraft DA42 Series AMM 05-25-00, applied corrosion preventive to exterior parts per 12-30 1241, removed and replaced L/M/L/G downlock hook with new P/N D60-3237-51-00, removed and replaced L/H and R/H M/L/G downlock rods with new P/N D603237-41-00, removed L/H and R/H main gear door push pull rods, cleaned corrosion, repainted and reinstalled, removed and replaced both alternator excitation batteries P/N LC-RR1R3P, removed and replaced (4ea) ECU back-up batteries with new P/N LC-R R127R2P, removed and replaced (3ea) bonding jumpers with fabricated on flap actuator control rod assy., removed and replaced both fuel sump drains with new P/N DA4-9028-17-01, ELT Battery tested IAW FAR 91 207(d) cleaned and resealed L/H and R/H wing roots, removed and nose landing gear damper assy with repaired assy P/N D60-3223-14-00, applied corrosion preventive to new nose gear hardware and bare metal parts, removed and replaced emergency back-up battery with new P/N 2EXL1241. AD's researched through 04/15/2014. I certify that this airframe has been inspected IAW a 100hr. Inspection and has been determined to be in as airworthy condition. -END-

Signature

Ken A. Boynton
Ken A. Boynton A&P 264519426

Date

4/15/2014

N629SA, Diamond DA42, S/N 42AC011

Airframe

Date: 04-15-2014 Tach 1049.1 Hobbs 1072.7

Serviced Aircraft IAW Diamond DA42 manual,

Checked ELT IAW FAR 91.207d Ok next due Tach 1149.1 or 01/2016

Checked AD's through Issue 2014-07-06 No new ADs noted,

I certify that This Aircraft has been inspected IAW an Annual inspection IAW FAR
Apex D and has been determined to be in an
airworthy condition at this time.

A&P 3496744 IA John Swasey

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005

PrimePlanes

REG.

N629SA

TYPE

DA-42

TACH

1147.7

HOBBS

1200.3

Removed and replaced right brake linings with new P/N 066-10500. Removed right hand leaking caliper, clean, inspect, and install 2 new o-rings on pucks P/N MS28775-222, reinstalled back on right main gear. Torqued and bled right brake system. Ops check good.

Signature

Simon Crawford, A&P 3277003

Date

9/23/2014

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005

PrimePlanes

REG.

N629SA

TYPE

DA 42

TACH

1148.9

HOBBS

1202.9

Performed a 100hr. Inspection IAW FAR Part 43 appendix D., and using Diamond Aircraft DA42 series AMM maintenance airframe check list 05-28-50 as a reference. Inspected and lubed interior and exterior of airframe and all flight controls as required, removed all wheel assy's and removed and replaced L/H and R/H M/L/G wheel bearings and races due to heavy pitting and rust. Repacked and installed all wheel assy's. Disconnected all wing root hoses, connections and flight control rods. Removed L/H and R/H wings to facilitate other maintenance. Removed L/H and R/H fuel tanks to comply with 8yr. Hoses and interconnect replacement requirements. Reinstalled fuel tanks into L/H and R/H wings. Removed and replaced L/H and R/H aft wing centering bearings and alignment pins due to heavy corrosion. Reinstalled L/H and R/H wings, reconnected all hoses, connections and flight control rods. Topped off both wings for leak check. None noted at this time. Removed rear passenger door. Found aft carbon hinge to be cracked. Removed and replaced aft hinge IAW Diamond aircraft RAM 40-127a and Diamond aircraft AMM chapter 51. Performed post cure as required. Replaced L/H wing fuel probe. Replaced L/H wing center fuel tank with serviceable P/N DA4-2817-20-00/1 S/N 2302. Installed new tire P/N 15x6.00x6 on L/H M/L/G. Installed new brake linings on L/H M/L/G. ELT batt's due Jan 2016. Pitot and static leak check performed due to wings being removed. Installed 8ea new no touch placards. Removed corrosion and repainted landing gear door actuator rods, replaced both wing root gap seals. AD's checked through 11/04/2014, I certify that this airframe has been inspected and has been found to be in an airworthy condition.

Signature

Ken A. Boynton A&P 264519426

Date

11/4/2014

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005

PrimePlanes

REG.

N629SA

TYPE

DA-42

TACH

1154.2

HOBBS

1210.2

Left Engine had an ECU A failure. Connected laptop, analyzed, and cleared ECU A fault. Performed an operational run-up, ECU operation check good.

Signature

Simon Crawford, A&P 3277003

Date

11/6/2014

OR COMPLETE

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBERNAPLES AIR CENTER, INC.
CRS X04R655M230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT N629SA DATE 11/5/14 WO 12879 TACH 1148.9 HOBBS 1203.0

AIRFRAME LOG

PERFORMED STATIC SYSTEM LEAK CHECK IAW FAR 43 APPENDIX E(a). LEAK CHECKED GOOD
FOR NAPLES AIR CENTER CRS X04R655M.

ROBERT L. HOUSE

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005

REG. N629SA TYPE DA-42TDI TACH 1265.3 HOBBS 1195.9

Reset both Right hand ECU faults. Performed a run-up, ops check, no further discrepancies noted at this time---END---

Signature

Simon Crawford, A&P 3277003

Date

1/22/2015

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005

REG. N629SA TYPE DA-42 TACH 1204.9 HOBBS 1277.9

Reset right engine double ECU faults, perform run-up ops check, all good.

Signature

Simon Crawford, A&P 3277003

Date

2/23/2015

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005

REG. N629SA TYPE DA-42 TACH 1208.6 HOBBS 1283.1

Reset R/H ECU faults, performed engine run, ops check, results good.

Signature

Simon Crawford, A&P 3277003

Date

2/26/2015

N629SA Diamond DA42 S/N 42AC011

Airframe

Date: 05-12-2015 Tach 1216.5 Hobbs 1293.8

Serviced Aircraft IAW Diamond DA42 service manual,
Checked ELT IAW FAR 91.207d Ok next due Tach 1316.5
Battery next due 02-2017Checked AD's through Issue 2015-09-09 No new Ads noted,
I certify that This Aircraft has been inspected IAW an Annual inspection
IAW FAR 43 Apex D and has been determined to be in an airworthy
condition at this time.

A&P 3496744 IA John Swasey

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					<p style="text-align: center;">NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104</p> <p style="text-align: center;"><u>AIRCRAFT: N629SA DATE: 5/12/15 WO: 13011 TACH: 1217.6 HOBBS: 1299.5</u></p> <p style="text-align: center;"><u>AIRFRAME LOG</u></p> <p>PERFORMED BIENNIAL RECERTS (IFR) ON #1 ALTIMETER P/N: GDC-74A, S/N: 47806549, AND #2 ALTIMETER P/N: 5934PD-2, S/N: 453509 TO 20,000'. RECERTIFIED TRANSPONDER MODEL: GTX33, S/N: 89103005. PERFORMED ENCODING CORRELATION TEST TO 20,000'. ENCODER MODEL GDC74A, S/N: 47806549. PERFORMED STATIC SYSTEM LEAK RATE TEST. ALL IAW FAR 43 APP E AND F.</p> <p style="text-align: center;"><i>Robert L. House</i> ROBERT L. HOUSE FOR NAPLES AIR CENTER CRS X04R655M</p>

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG N629SA TYPE DA42 TACH 1256.7 HOBBS 1349.3

Removed Canopy, removed inside and outside handle assemblies, fixed lock tab issue. Installed new inside handle assembly, reinstalled original outside handle assembly. Reinstalled canopy, ops checked. R and R 4 exterior placard, 2 L/H Prop, 1 leading edge of each inboard wing. Removed both wing walks repaired bad paint bubbles under pilots side, installed 2 new wing walks. Removed and replaced 7 Garmin knobs with new.

Signature

Simon Crawford
Simon Crawford, A&P 3277803

Date

8/6/2015

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005



REG N629SA TYPE DA 42 TACH 1215.3 HOBBS 1293.8

While performing the annual inspection, the following discrepancies were noted and addressed. Removed and replaced L/H eng turbo exhaust mount nuts, removed and replaced R/H eng turbo exhaust nuts, removed and replaced L/H eng fwd coolant pipe, applied sealant to R/H wing center anti ice, replaced alternator excitation batteries, replaced both L/H and R/H M/L/G tires, replaced L/H and R/H wing fuel cap o-rings, replaced L/H eng voltage regulator with new P/N 05-7150-E000702 S/N 11148, Replaced ECU batteries, installed new support bracket on L/H eng P/N 52-7310-H001001, removed, cleaned, inspected and repacked all wheel bearings. -END-

Signature

Ken A. Boynton
Ken A. Boynton A&P 264519426

Date

5/12/2015

Primeplanes Aircraft Services Inc.
111 Aviation Drive North
Naples, Florida 34104 ph. 239-659-4005



REG N629SA TYPE DA 42 TACH 1306.7 HOBBS 1415.8

Removed and replaced L/H white nav lite bulb. Removed both L/H and R/H brake assy's, removed and replaced all brake linings, removed L/H brake caliper, removed pucks, removed and installed new o-rings, reinstalled pucks, reinstalled and serviced brake caliper. Reinstalled R/H brake assy. Op's check good. -END-

Signature

Ken A. Boynton
Ken A. Boynton A&P 264519426

Date

10/7/2015

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER**Primeplanes Aircraft Services Inc.**

111 Aviation Drive North

Naples, Florida 34104 ph. 239-659-4005

REG. **N629SA** TYPE **DA 42** TACH **1317.4** HOBBS **1429.3**

C/W a 100hr inspection IAW FAR 43 appendix D and Diamond DA 42 AMM. Removed all airframe access panels. Removed pilot and co-pilots seats. Removed all wheel assy's. Removed, cleaned, inspected and repacked all wheel bearings. Reinstalled all wheel assy's. Removed corrosion from L/H M/L/G down lock actuator rod. Removed and replaced L/H and R/H M/L/G door retract rods. Repaired bonding jumper in R/H wheel well. Cleaned and lubed N/L/G extension spring. Lubed entire aircraft as required. Reinstalled all access panels. Reinstalled pilots and co-pilots seats. 406 ELT due replacement Jan 2017. C/W lightning protection bonding test. AD's checked through 10/16/2015. I certify that this airframe has been inspected and has been found to be in an airworthy condition. -END-

Signature

Ken A. Boynton
Ken A. Boynton A&P 264519426

Date

10/16/2015

Primeplanes Aircraft Services Inc.

111 Aviation Drive North

Naples, Florida 34104 ph. 239-659-4005

REG. **N629SA** TYPE **DA 42** TACH **1319.9** HOBBS **1433.1**

Trouble shot R/H wing fuel sys for leak. Found outboard overboard vent check valve to be bad. Defueled acft and removed and installed new check valve. Refueled acft with no leaks noted at this time. -END-

Signature

Ken A. Boynton
Ken A. Boynton A&P 264519426

Date

10/22/2015

Primeplanes Aircraft Services Inc.

111 Aviation Drive North

Naples Florida 34104 ph 239-659-4005

REG. **N629SA** TYPE **DA-42** TACH **1337.7** HOBBS **1460.5**

Removed R/H FADEC P/N 05-7610-E000201 S/N 5644 and replaced with repaired R/H FADEC P/N 05-7611-E001903 S/N 10021. All work performed IAW Rapair manual CD-135/CD-155 RM 02-02 Ch. 76. Ground run and ops checked good. No Discrepancies noted.

Signature

Valerie Heil
Valerie Heil A&P 3812731

Date

12/28/2015

Primeplanes Aircraft Services Inc.

111 Aviation Drive North,

Naples, Florida 34104 ph. 239-659-4005

REG. **N629SA** TYPE **DA42** TACH **1365.9** HOBBS **1499.2**

Removed Pilot seat, passenger L/H passenger vent. Re-rigged the door open warning switched, reinstalled removed items. Replaced 2 screw on pin locaters due too long. Ops checked good --END--

Signature

Simon Crawford
Simon Crawford, A&P 3277003

Date

1/12/2016

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

BROUGHT
FORWARD

Primeplanes Aircraft Services Inc.

111 Aviation Drive North

Naples, Florida 34104 ph. 239-659-4005



REG. **N629SA** TYPE **DA 42** HOBBS **1485.6** TACH **1355.8**

Placed acft on jacks, removed L/H brake assy, removed L/H wheel assy, disassembled wheel and installed new tire (15x6.00x6). Removed, cleaned, inspected and repacked wheel bearings. Reassembled wheel, installed and safetied. Reinstalled brake assy. Serviced tire.-END-

Signature *Ken A. Boynton*
Ken A. Boynton A&P 264519426

Date **1/7/2016**

Airframe

Primeplanes Aircraft Services Inc.

111 Aviation Drive North

Naples, Florida 34104, ph. 239-659-4005



REG. **N629SA** TYPE **DA 42** TT **1415.3** Hobbs **1568.4**

C/W an annual inspection IAW FAR 43 appendix D and Diamond AMM. Removed interior. Removed all access panels. Inspected and lubed entire airframe as required. Placed aircraft on jacks. Removed all brake assy's. Removed all wheel assy's. Removed, cleaned, inspected and repacked all wheel bearings. Reinstalled bearings. Removed and replaced R/H main tire. Reinstalled all wheel assy's and safetied. Reinstalled brake assy's. Performed several gear cycles and emergency extension. Op's ck normal. Removed aircraft from jacks. Reinstalled all inspection panels. Replaced broken bonding jumper wire in R/H M/L/G wheel well. Removed and replaced L/H wing fuel drain valve. ELT inspected. Battery replacement due Jan 2017. I certify that this airframe has been inspected and has been found to be in an airworthy condition. -END-

Signature *William J Braybrooks*
William J Braybrooks A&P 3389241 IA

Date **3/14/2016**

Primeplanes Aircraft Services Inc.

111 Aviation Drive North

Naples, Florida 34104, ph. 239-659-4005



REG. **N629SA** TYPE **DA-42** TACH **1480.2** HOBBS **1656.3**

Removed nose wheel tire due to wear. Separated wheel halves. Installed new tube and tire. Torqued wheel halves to 90 In lbs. Serviced tire with 87 PSI. Reinstalled nose wheel tire.

Signature *Valerie Heil*
Valerie Heil A&P 3812731

Date **5/6/2016**

NOT USED

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Primeplanes Aircraft Services Inc.
111 Aviation Drive North
Naples, Florida 34104, ph. 239-659-4005



REG. N629SA TYPE DA-42 TACH 1514.3 HOBBS 1704.2

C/W a 100hr inspection IAW FAR 43 appendix D and Diamond DA-42MM. Removed pilots and co-pilots seats. Removed all inspection panels. Inspected and lubed entire airframe as required. Fabricated and installed 2ea bonding jumpers on the R/H flap outbd push pull tube. Placed aircraft on jacks. Removed both brake assy's. Removed all wheel assy's. Removed, cleaned, inspected and repacked wheel bearings. Reinstalled all wheel bearings. Reinstalled all wheel assy's. Replaced all brake linings. Reinstalled both brake assy's. Removed aircraft from jacks. Removed and installed new fuel drain valve on R/H wing. Reinstalled repaired roll trim servo. Removed and installed new battery P/N RG24-15M. ELT inspected. Bat due replacement Jan 2017. Reinstalled all inspection panels. Reinstalled pilots and co-pilots seats. AD's checked through 8/01/2016. I certify that this airframe has been inspected and has been found to be in an airworthy condition -END-

Signature

Ken A. Boynton

Date

8/1/2016

Ken A. Boynton A&P 264519426

Primeplanes Aircraft Services Inc.
111 Aviation Drive North
Naples, Florida 34104, ph. 239-659-4005



REG. N629SA TYPE DA-42 TACH 1521.7 HOBBS 1715.3
Removed Copilots seat. Removed and replaced seat belt latch assembly with new P/N B/5-01-1C5701
reinstalled seat. Ops check good.

Signature

Simon Crawford

Date

9/15/2016

Simon Crawford A&P 3277003

MAKE: Diamond
MODEL: DA42
S/N: 42AC011
REG NO: N629SA
WORK ORDER: 7871-11-2016



TC Aero Group
Naples

DATE: 12/23/16
A/C TSN: 1546.6
TACH: 1546.6

Airframe Entries

Removed Transponder P/N 011-00779-10 S/N 89103005. installed Overhauled Transponder P/N 011-00779-10 S/N 89103083. Updated Garmin software IAW Garmin update Procedure, using Garmin provided update. Transponder certification required. —Reinstalled GDL69, and reconfigured.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 12/23/16

SIGNED:

Simon Crawford

Work Order: 7871-11-2016

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ACFT MAKE: DIAMOND
ACFT REG: N629SA

MODEL: DA-42
TTAF: 1756

ACFT S/N: 42AC011
W/O: N30427W

I certify that the transponder tests required by 14 CFR § 91.413 have been performed and found to comply with 14 CFR Part 43, Appendix F

TRANSPONDER #1 Make P/N S/N
GARMIN 011-00779-10 89103083

Date: 12/28/2016

Signature:

Scott R

Certificate No: MV5D055N

FAA REPAIR STATION MV5D055N.....239-649-7900

MAKE: Diamond
MODEL: DA42
S/N: 42.AC011
REG. NO: N629SA
WORK ORDER: 7972-01-2017

TC Aero Group
Naples

DATE: 1/10/17
A/C TSN: 1552.9
HOBBS: 1764.8

DATE

Airframe Entries

Removed L/H main Fuel cap, removed fuel cap mount, cleaned, inspected, resealed and reinstalled mount and cap.

BROUGHT
FORWARD

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 1/10/17

SIGNED:

Simon Crawford
A/P 3277003

Work Order: 7972-01-2017
Printed by EBIS 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA42
S/N: 42.AC011
REG. NO: N629SA
WORK ORDER: 8105-02-2017

Naples, Dba:

DATE: 2/23/17
A/C TSN: 1561.8
HOBBS: 1778.3

Airframe Entries

Raised aircraft on jacks. Removed L/H main gear cotter pin and axle nut. Removed L/H brake Assy. holding bolts. Removed L/H wheel from aircraft. Deflated tire. Removed wheel Assy. holding bolts. Removed, clean and re-packed bearings. Installed tube in new Condor tire 15X6 0-6 6 ply P/N 072-449-0. Torqued wheel Assy. holding bolts. Cleaned strut and lubricated anchor bolts. Installed wheel on aircraft. Installed axle nut and cotter pin. Installed and torqued brake Assy. holding bolts. —Removed R/H main gear cotter pin and axle nut. Removed R/H brake Assy. holding bolts. Removed R/H wheel from aircraft. Deflated tire. Removed wheel Assy. holding bolts. Removed, clean and re-packed bearings. Installed tube in new Condor tire 15X6 0-6 6 ply P/N 072-449-0. Torqued wheel Assy. holding bolts. Cleaned strut and lubricated anchor bolts. Installed wheel on aircraft. Installed axle nut and cotter pin. Installed and torqued brake Assy. holding bolts.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 2/23/17

SIGNED:

Simon Crawford
A/P 3277003

Work Order: 8105-02-2017
Printed by EBIS 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA42
S/N: 42.AC011
REG. NO: N629SA
WORK ORDER: 8178-03-2017

Naples, Dba:

DATE: 5/11/2017
A/C TSN: 1591.2
TACH: 1591.2

Airframe Entries

C/W a Annual Airframe Inspection IAW Company inspection list. AD's researched to 2017/07. ELT tested IAW FAR 91.207(d). Battery Due 01/2024 I certify that I have inspected this Airframe IAW an Annual Inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed. —Reviewed AD's thru 2017-07—Installed new velcro attachments in baggage compartment. —Removed broken bonding strap from flap actuator extension rod. Fabricated and installed new bonding strap with braid P/N 863, and two ring terminals P/N 320575. —Inspected and applied Corrosion preventative coating on external corrosion prone areas as required. —Serviced hydraulic reservoir with MIL-5606. —Removed Inboard leading edge protection tape on both wings. Cleaned and inspected wing finish coating for damage. None noted. —Inspected and cleaned passenger door warning micro switch. Performed ops check no further discrepancies noted at this time. —Inspected system operation is normal and heat element works. will monitor condition. —Removed L/H aileron OB rod end. Removed bonding strap. Fabricated and installed new bonding strap. Installed L/H aileron OB rod end. —Removed broken bonding strap from L/H MLG. Fabricated new bonding strap with braid P/N 863, ring terminal P/N 35111, and ring terminal P/N 31894. Installed new bonding strap. —Alternator Excitation Batteries due for replacement. Installed new battery p/n LC-R121R3P 2 ea next due 05/2018—4 ECU back up batteries due for replacement. Installed p/n LC-R127R2P 4 each. Next replacement due 05/2018.

The aircraft, airframe, engine, propeller, or appliance above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

DATE: 5/11/2017

SIGNED:

Bill Ahmann
Bill Ahmann, IA: 3688958

Work Order: 8178-03-2017
Printed by EBIS 3 (datcomedia.com)

CARRIED FORWARD

ENGINEERING RECORD

18



RELIABLE JET MAINTENANCE, LLC.
3900 AIRPORT RD. HANGAR 1, BOCA RATON, FL 33431

561-417-3834

Date: May 30, 2017
Work Order: 17-16316
Aircraft Hobbs: 1,831.1

Registration: N629SA
Aircraft S/N: 42.AC011

AIRFRAME LOG ENTRY

Performed the following Maintenance:

1. Removed defective RH main tire (P/N: 072-449-0, 5356S00016) and installed new tire (P/N: 072-449-0, S/N: 6239S00120) along with new tube (P/N: G15/600-6). Ref. DA 42 Maintenance Manual chapters 12-10-00 & 32-40-00 & Cleveland Wheels and Brakes Manual AWBCM0001-13/USA Section 300.
2. Serviced nose and main tires to proper pressure. Ref. DA 42 Maintenance Manual chapter 12-10-00.
3. Inspected brakes for wear and tear with no defects noted. Ref. Cleveland Wheels and Brakes Manual AWBCM0001-13/USA Section 300.

The airframe described in Work Order# 17-16316 is certified airworthy and approved for return to service for work performed in accordance with current Federal Aviation Regulations.

John Rother

A&P# 2638963 IA
Created By: MDZ

SEE NEW ENTRY BELOW

6/5/17

PLACARDED AUX PUMPS INOP (AUX FUEL TANK

Pumps).

SIMON CRAWFORD

ASP 3277003

Primeplanes Aircraft Services Inc.

111 Aviation Drive North
Naples, Florida 34104, ph. 239-659-4005



REG N629SA TYPE DA-42 TACH 1834.5 HOBBS 1834.5

Checked Aux Pumps, no power getting through to pumps noted. Placarded inop.

Signature

Simon Crawford, A&P 3277003

Date

6/5/2017

Primeplanes Aircraft Services Inc.

111 Aviation Drive North
Naples, Florida 34104, ph. 239-659-4005



REG N629SA TYPE DA-42 TACH 1629.8 HOBBS 1878.7

Added BIOBOR to both main fuel tanks. After previously gaining approvals from Diamond Aircraft Canada.

NOTICIFY AIRCRAFT ENGINE GERMANY

Signature

Simon Crawford, A&P 3277003

Date

8/29/2017

Primeplanes Aircraft Services Inc.

111 Aviation Drive North
Naples, Florida 34104, ph. 239-659-4005



REG N408FP TYPE DA-40 FP TACH 1629.8 HOBBS 1878.7

Installed a temporary protective cover over the Aux Pump switches. To remove the chance of accidental switching on of the pumps.

Signature

Simon Crawford, A&P 3277003

Date

8/31/2017

AIR TIME AND

1 of 6

DATE

MAKE: Diamond
MODEL: DA-42
S/N: 42AC011
REG. NO: 629SA
WORK ORDER:
7719-06-2017

Premier
Aircraft Service

Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33306
Phone: (954) 334-2393

DATE: 3/13/2018
A/C TSN: 1634 S
TACH: 1634 S

REQUIRED FOR COMPLETE

BROUGHT
FORWARD

Airframe Entries

- (3) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA42 TDI MM INSPECTION GUIDE C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE JAN 2024 ADs CHECKED THROUGH CURRENT ON ATP
- (5) REPLACED LEFT AND RIGHT MAIN LANDING GEAR TIRES WITH NEW P/N 15X600-6-6GDYFLCIII S/N 71872067, 71952214 AND REPLACE LEFT AND RIGHT INNER TUBE WITH NEW P/N 302-248-401 IAW DA42TDI M/M CH 32-40 AND CLEVELAND MANUAL AWBCMM0001-13/USA SECTION 300
- (7) INSTALLED L/H AND R/H WING SAFETY WALKS P/N D60-1127-10-51_1 AND D60-1127-10-52_1 IAW DA42 TDI MSB42-006/1
- (8) REPLACED L/H AND R/H COWLING FINS WITH NEW P/N D60-7116-00-SET AS REQUIRED
- (10) REPLACED PERMAGLIDE WASHERS WITH NEW P/N PAW18P10 ON NLG GEAR FOLDING STAY ASSY IAW DA42 TDI M/M CH 32-20 OPS CHECK GOOD IAW DA42 TDI M/M CH 32-30
- (11) C/W ELT TEST AND INSPECTION IAW FAR 91.207-D, PAR 1-2-3-4 ON ARTEX ME408 ELT P/N 453-8603 S/N 00768 AND FOUND SATISFACTORY. ELT BATTERY DUE DATE JAN/2024 HEX ID ADCC400C0000261
- (12) REMOVED AND REPLACED ALL AIRCRAFT REQUIRED PLACARDS IAW DIAMOND DA42 TDI CHAPTER 11
- (13) UPDATED GARMIN AND OPS CHECK LEFT AND RIGHT AUX FUEL PUMPS FOUND LEFT PUMP INOP REPLACED WITH NEW P/N 18002-B S/N 200548 IAW DA42TDI M/M CH 28-20 OPS CHECK GOOD AND NO LEAKS DETECTED AT THIS TIME
- (14) DISPLAY WILL NOT ADJUST TO BACK LIGHT INPUTS PFD/MFD NEED REPLACE INSTALLED O/H UNITS SN 88901756 PFD AND 88904873 MFD LOADED G1000 SW VER 322.22 IAW GARMIN G1000 SERVICE MANUAL. UPDATED NAV DATA. GROUND CHECK OUT NORM
- (15) RESEALED WINDOWS AND INBOARD WING ROOT WITH THEROSTAT 9380 AS REQUIRED
- (16) RESEALED L/H AND R/H WING TKS LEADING EDGE WITH THEROSTAT 9380 AS REQUIRED
- (17) PAINTED STALL WARNING SWITCH AS REQUIRED

2 of 6

- (18) REPLACED NOSE GEAR CENTERING COLLAR WITH NEW P/N D60-3223-10-55 AND ROD ASSY P/N D60-3223-69-00 IAW DA42 TDI M/M CH 32-50 OPS CHECKED GOOD
- (19) ADJUSTED L/H AND R/H MLG DOORS IAW DA42 TDI M/M CH 32-10-00 OPS CHECK GOOD
- (20) L/H BAGGAGE DOOR HINGES REPLACED WITH NEW P/N H2000-ML IAW DIAMOND AMM 52-30-00
- (21) INSTALLED #1 AND #2 TKS CANOPY SPRAY PUMP WITH SERVICEABLE UNIT P/N WP209A- SERVICEABLE S/N AST06H1231 AND AST007B1022 IAW DA42 TDI M/M CH 30 OPS CHECK NO GOOD SYSTEM LABEL INOP
- (22) RE INSTALLED PILOT AND COPILOT SEATS IAW DA42 TDI M/M CH 25-10
- (23) INSTALLED NEW SCREWS P/N DIN965-M5X20-A2 AND SECURED REAR DOOR LOWER BRACKET AS REQUIRED
- (24) RE SEALED ANTENNAS WITH THEROSTAT 9380 AS REQUIRED
- (25) PAINTED GLARESHIELD AND INSTRUMENT COVER PANEL AS REQUIRED
- (26) INSTALLED NEW ANTI SKID DECALS ON LEFT AND RIGHT CABIN STEP P/N D60-1127-10-53 AND D60-1127-10-54 IAW DA42 TDI M/M CH 11-20
- (27) CLEANED PRIMED AND PAINTED LEFT AND RIGHT CABIN STEP BY CAP AND REINSTALLED ON AIRCRAFT WITH NEW HARDWARE IAW DA42TDI M/M CH 53-10
- (28) REPLACED COMM 2 ANTENNA WITH NEW P/N DMC63-2, RESEALED ANTENNA BASE IAW DA42 TDI M/M CH 23-10 OPS CHECKED GOOD
- (33) REPLACED R/H ENGINE TOP RADIATOR HOSE WITH NEW P/N NM-0000-0056901 IAW DA42 TDI M/M CH 75-00 LEAK CHECK GOOD
- (34) TIGHTEN L/H AND R/H EXHAUST AND SECURED HEAT SHIELD IAW DA42 TDI M/M CH 78-00
- (35) CLEANED, PRIMED, AND PAINTED PITOT BASE IAW AC43 13-1B CH6
- (36) REPLACED L/H AND R/H COWLING CAM LOCKS WITH NEW 40S5-7D AS REQUIRED
- (39) REPLACED LEFT ENGINE OIL COOLER RETURN LINE WITH NEW P/N 52-7520-H006602 IAW TECHNIFY RM-02-02 M/M CH 72-50
- (40) REPLACED RIGHT INTERCOOLER SHOCK MOUNTS WITH NEW P/N NM-0000-0023101 AND REINSTALLED SAME INTERCOOLER IAW DA42TDI M/M CH 81-00 PERFORMED ENGINE RUN OPS CHECK GOOD
- (41) CLEANED, SANDED, PAINTED AND SEALED L/H BOTTOM COWL IAW DA42 TDI M/M CH 71-10-00
- (42) REPLACED L/H TOP RADIATOR HOSE WITH NEW P/N NM-0000-0056901 IAW DA42 TDI M/M CH 75-00 LEAK CHECK GOOD
- (43) INSTALLED L/H AND R/H WING ROOT SEAL WITH NEW P/N DAI-9057-00-01 AS REQUIRED
- (44) REPLACED NOSE LANDING GEAR ACTUATOR WITH NEW P/N D60-9029-03-01_2 S/N 0288 IAW DA42TDI M/M CH 32-30 OPS CHECK GOOD

CARRIED FORWARD

ENGINEERING RECORD

ENTRIES. 0

3 of 6

SIGNATURE

LICENCE
NUMBER

- (45) SERVICED L/H AND R/H MLG DAMPER IAW DA42 TDI MM CH 32-10-00
- (46) REPLACED L/H AND R/H MLG RETRACT SPRING WITH NEW P/N Z-234 IAW DA42 TDI MM CH 32-10-00 AND 32-30-00 OPS CHECKED GOOD
- (47) REPLACED NOSE LANDING GEAR STEERING BRACE HARDWARE WITH NEW IAW DA42TDI MM CH 32-20
- (48) REPLACED NOSE LANDING GEAR OPERATING HOOK WITH NEW P/N D60-3233-52-00 IAW DA42TDI MM CH 32-30
- (49) REPLACED L/H AND R/H FLAP ROD END WITH NEW IAW AC43 13-1B CH 11
- (50) REPLACED NOSE LANDING GEAR TIRE WITH NEW P/N 500-5-6FC/III S/N 71722004 IAW DA42 TDI MM CH 32-40
- (51) REPLACED L/H MLG CONNECTING ROD WITH NEW P/N D60-3237-41-00 IAW DA42 TDI MM CH 32-10-00 AND 32-30-00 OPS CHECKED GOOD
- (52) REPLACED L/H MLG ACTUATOR WITH NEW P/N X11-0006-00-00_1 AND S/N 2333 IAW DA42 TDI MM CH 32-10-00 AND 32-30-00 LEAKED CHECK GOOD
- (53) REPLACED R/H MLG ACTUATOR WITH NEW P/N X11-0006-00-00_1 AND S/N 2370 IAW DA42 TDI MM CH 32-10-00 AND 32-30-00 LEAKED CHECK GOOD
- (54) REPLACED LEFT AND RIGHT MAIN LANDING GEAR HYDRAULIC LINE TIE DOWN CLIPS WITH NEW P/N 14304100350 IAW DA42TDI MM CH 32-10
- (55) REPLACED L/H INNER FLAP LEVER WITH NEW P/N D60-2757-20-50-02 IAW DA42 TDI MM CH 57-50 OPS CHECK GOOD
- (56) REPLACED R/H INNER FLAP LEVER WITH NEW P/N D60-2757-20-50-02 IAW DA42 TDI MM CH 57-50 OPS CHECK GOOD
- (57) REPLACED RIGHT MAIN LANDING GEAR DOOR HARDWARE IAW DA42TDI MM CH 32-10
- (58) REPLACED R/H AILERON LEVER WITH NEW P/N DV2-2710-01-01_02 IAW DA42TDI MM CH 57-60-00 PERFORMED TRAVEL TEST OPS CHECK GOOD
- (59) REPLACED RUDDER TRIM FORWARD ROD ENDS WITH NEW P/N BN34-5 IAW DA42TDI MM CH 27-21
- (60) CLEANED PRIMED AND RUDDER TRIM ROD ENDS IAW AC43 13-1B CH 8
- (61) REPLACED L/H BOTTOM COWL SEAL WITH NEW P/N 10 2508 8961 AS REQUIRED
- (62) CLEANED SANDED PAINTED AND SEALED R/H BOTTOM COWL IAW DA42 TDI MM CH 71-10-00
- (63) REPLACED INSTRUMENT PANEL HARDWARE WITH NEW AS REQUIRED
- (64) REPLACED ELEVATOR HARDWARE WITH NEW IAW DA42TDI MM CH 27-30
- (65) REPLACED RIGHT ENGINE OIL COOLER FORWARD SHOCK MOUNT WITH NEW P/N NM-0000-0023101 IAW DA42 TDI MM CH 79-00-00 LEAK CHECK GOOD

4 of 6

- (66) INSTALLED R/H JACK PAD WITH NEW P/N DV2-1200-00-02 AS REQUIRED
- (67) REPLACED CANOPY FORWARD BOTTOM SEAL WITH NEW P/N CVR95 AS REQUIRED
- (68) REPLACED L/H AND R/H AILERON ROD END GROUND STRAP IAW AC43 13-1B CH 11
- (69) REPAIRED INSTRUMENT PANEL AIR DUCTS BY RECOVERING AIR DUCT WITH ANOTHER DUCT AS REQUIRED
- (70) REPLACED NOSE LANDING GEAR FORK HARDWARE WITH NEW P/N LN9037-M8X40 AND DIN 985-M8-A2 IAW DA42TDI MM CH 32-20
- (71) SECURED ELECTRICAL PLUG LEFT ECU BAY AS REQUIRED
- (72) RESEALED HORIZONTAL TAIL TKS WITH THEROSTAT 9380 AS REQUIRED
- (73) REPLACED LEFT ENGINE FRONT RADIATOR PIPE WITH NEW P/N 52-7520-HH002502 IAW DA42TDI MM CH 75-00
- (74) REPOSITIONED LH AND RH RADIATORS CHOCK MOUNTS SPACING IAW DA42 TDI MM CH 75-00
- (75) TREATED WITH AV30 AS REQUIRED
- (76) REPLACED LEFT ENGINE INTERCOOLER SHOCK MOUNTS WITH NEW P/N NM-0000-0023101 AND REINSTALLED INTERCOOLER IAW DA42TDI MM CH 81-00
- (77) C/W AD 2017-18-10 FLAP BELL CRANK INSPECTION FOR CRACKS AND INSTALLED SPACERS. ALL WORK PERFORMED IAW DA42TDI MM CH 27-50
- (78) REMOVED CORROSION ON LIGHTNING, CLEANED, SEALED LIGHTNING STRIP AND REPAIRED L/H AND R/H WING LIGHTNING STRIP IAW RAM 42-200 AND DA42 TDI MM CH 51-00 AEREA PAINTED BY CAW.
- (80) UPDATED POH TO REV 7 WITH DOC NO 7 01 05-E DATED 29 APRIL 2004
- (81) C/W AD 2015-21-01 STARTER MONITOR LOOM INSTALLATION OPS CHECKED GOOD.
- (82) C/W CHAPTER 5 DRAIN HOLE INSPECTION NO DEFECTS NOTED AT THIS TIME.
- (83) INSTALLED NEW CARPET BY FLEX IAW DA42 TDI MM CH 25-10
- (84) C/W CHAPTER 4 AIRWORTHINESS LIMITATION 2 YEAR REPLACEMENT OF EMERGENCY BACKUP BATTERY WITH NEW P/N D60-2560-91-00 S/N 17-151-25 NEXT DUE DATE 10/2019
- (95) C/W MSB42-007/17 ENGINE SOFTWARE UPDATE
- (96) CONFIRMED THAT MSB42-008/15 GARMIN SOFTWARE UPDATE WAS P/C/W
- (97) C/W MSB42-035 COOLANT CAP PRESSURE TEST NO DEFECTS NOTED AT THIS TIME
- (98) C/W MSB42-087/1 Inspection of rudder control system and NLG steering bracket inspection. No defects noted at this time
- (99) C/W MSB42-091 MAIN LANDING GEAR BEARING HOUSING INSPECTION, NO DEFECTS FOUND AT THIS TIME
- (100) C/W MSB42-099/1 Inspection / replacement of spherical rod end bearing and safety washer of nose landing gear (NLG)

HR

5 of 6

FOR COMPLETE

- actuator NO DEFECTS NOTED
(101) C/W MSB42-103/1 ENGINE START PROCEDURE AMENDMENT
(102) C/W MSB42-109/2 INSTALLATION OF START ASSIST RELAY FOR ECU START PHASE MONITORING
(105) C/W MSB42-126 FLAP BELL CRANK INSPECTION
(114) REPLACED LEFT AND RIGHT FORWARD AND AFT MAIN LANDING GEAR DOOR HINGES WITH NEW P/N D60-5287-71-00_01 D60-5287-72-00_01 D60-5287-73-00_01 AND D60-5287-74-00_01 IAW DA42TDI MM CH 32-10
(115) REPLACED LEFT AND RIGHT RADIATOR REAR INBOARD AND OUTBOARD SHOCK MOUNT WITH NEW P/N NM-0000-0159101 IAW DA42TDI MM CH 75-00
(116) REPLACED PITOT BASE SCREWS WITH NEW AS REQUIRED
(117) REPLACED ELEVATOR TRIM HARDWARE WITH NEW P/N DA4-2738-00-70 AND LN9037-M4X18, IAW DA42TDI MM CH 28-10
(118) REPLACED LEFT AND RIGHT WING AND AUX FUEL TANK DRAINS WITH NEW P/N CAV-180 IAW DA42 TDI MM CH 33-00
(119) REPLACED LANDING LENS COVER HARDWARE WITH NEW P/N DIN965A-M4X16-A2 P0026 AND A3135-017-24A
(122) REPLACED NOSE WHEEL BEARING WITH NEW P/N 08231-20629 AND 08125-20629 IAW DA40-180 MM CH 32-40
(123) REPLACED LEFT DISC BRAKE WITH NEW P/N 164-01501 IAW DA42TDI MM CH 32-40 AND CLEVELAND
(124) REPLACED RIGHT DISC BRAKE WITH NEW P/N 164-01501 IAW DA42TDI MM CH 32-40 AND CLEVELAND
(125) REPLACED NOSE LANDING GEAR REAR MICROSWITCH ROLLER ARM WITH NEW P/N JE-5 IAW DA42TDI MM CH 32-60
(126) REMOVED RIGHT GEARBOX CENTER BOLTS WITH NEW P/N NM-0000-0161901 IAW RM 02-02 CH 72-10 15
(127) RE-INSTALLED ELT FOR REPROGRAMMING TO SET TO N629SA S/N00768 P/N 453-6603 BATTERY DATE JAN 2024
(132) REPLACED R/H MLG INDICATING BULB WIT NEW P/N T4 6 24- IAW DA42 TDI CH 32-60 OPS CHECK GOOD
(133) C/W CONTINUED AIRWORTHINESS REQUIREMENTS FOR DA42 CALLED OUT IN CHAPTER 4 BY REPLACEMENT OF ECU BATTERIES WITH NEW P/N LC-R127R2P NEXT REPLACEMENT DUE 01/2019
(134) C/W CONTINUED AIRWORTHINESS REQUIREMENTS FOR DA42 CALLED OUT IN CHAPTER 4 BY REPLACEMENT OF ALTERNATOR EXCITATION BATTERIES WITH NEW P/N LC-R121R3P NEXT REPLACEMENT DUE 01/2019
(135) REMOVED R/H WING INBOARD STATIC WICK AND REPLACED WITH NEW AS REQUIRED

6 of 6

- (136) CLEANED, PRIMED AND PAINTED NLG DOOR L/H AND R/H BRACKET IAW DA43 13-1B CH 8 RE INSTALLED NLG DOOR L/H AND R/H BRACKET IAW DA42 TDI MM CH 32-20-00 OPS CHECK GOOD
(137) TIGHTEN LANDING GEAR SLECTOR SWITCH AS REQUIRED OPS CHECK GOOD
(138) PERFORMED BRAKE SYSTEM BLEEDING ON L/H AND R/H BRAKES IAW DA42 TDI MM CH 32-40-00 OPS CHECK GOOD
(139) INSTALLED L/H ENGINE EXHAUST STUD BOLT WITH NEW P/N NM-0000-0109701 IAW TECHNIFY RM 02-02 MM CH 72-40
(140) INSTALLED R/H ENGINE EXHAUST STUD BOLT WITH NEW P/N NM-0000-0109701 IAW TECHNIFY RM 02-02 MM CH 72-40
(143) REPLACED FRONT CANOPY DOOR LATCH ASSY WITH SERVICEABLE PARTS IAW DA42 TDI MM CH 52-10-00 OPS CHECKED GOOD
(144) REPLACED L/H AND R/H FUEL CAP WITH NEW P/N A508-117-L IAW DA42 TDI MM CH 28-10-00
(148) CLEAN R/H ALTERNATOR SWITCH, PERFORMED ENGINE RUN, OPS CHECKED GOOD
(149) REPLACED CANOPY LOCK WITH NEW P/N 3802-0022-1 IAW DA42 TDI MM CH 52-00 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 3/13/2018

SIGNED

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 7719-09-2017

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-42
S/N: 42AC011
REG. NO: 6298A
WORK ORDER:
7719-09-2017



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

DATE: 3/13/2018
AC TSN: 1834 8
TACH: 1834 8

Airframe Entries

(55) I CERTIFY THAT ALTITUDE REPORTER TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 IAW FAR 23 APPENDIX E&F HAVE BEEN PERFORMED. THE ALTITUDE(S) HAS BEEN TESTED TO 20,000 FT. MAIN ALTITUDE M/N GDC 74 S/N 47805549 STBY ALT M/N UNITED 5934PD-3A. 130 S/N 395995 I CERTIFY THAT THE TRANSPONDER TEST PER FAR 91.413 HAS BEEN COMPLETED
M/N GTX 33 S/N 86103093 INSPECTION REPORTS ON FILE UNDER THIS W/O

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

DATE 3/13/2018

SIGNED

RAYMOND C. ASH
CRS# 6PRR402B

Work Order: 7719-09-2017

Printed by EBis 3 (datcomedia.com)

ENGINEERING RECORD

20

ENTRIES.

MAKE Diamond
MODEL DA-42
S/N 42 AC011
REG. NO. 629SA
WORK ORDER
7917-03-2018



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2383

DATE 3/13/2018
A/C TSN: 1634.6
TACH: 1634.6

SIGNATURE

LICENCE
NUMBER

Airframe Entries

- (2) REPLACED ALTIMETER PN 5934-RD-3 SN 453509 WITH OVERHAULED UNIT P/N 5934PD-3A130 S/N 395995 IAW DA42 TDI M/M CH 34-10-00. LEAK AND OPS CHECK GOOD
- (3) REPLACED GPS1 ANTENNA WITH A SERVICEABLE UNIT GA-35 P/N 011-00134-00. G1000 GPS GROUND CHECK OK. IAW GARMIN G1000 MM RESEALED ANTENNA AS REQUIRED.

DATE 3/13/2018

SIGNED

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order 7917-03-2018

Printed by EBis 3 (datamedia.com)

MAKE Diamond
MODEL DA-42
S/N 42 AC011
REG. NO. 629SA
WORK ORDER
7917-03-2018



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2383

DATE 3/16/2018
A/C TSN: 1634.6
TACH: 1634.6

Airframe Entries

- (5) REPLACED TKS SPRAY CANOPY SOLENOID VALVES WITH OVERHAUL UNITS. P/N FV158H-28V S/N CAV117D023 AND S/N CAV117D029 IAW DA42 TDI M/M CH 30. NOT ABLE TO HAVE PUMP SPRAY CANOPY. AIRCRAFT NOT APPROVED FOR FLIGHT INTO ICING CONDITIONS. PLACARDED ACCORDINGLY.
- (6) CLEANED, ADJUSTED AND LUBRICATED REAR DOOR PLUNGER TO ACTIVATE DOOR WARNING SWITCH AS REQUIRED OPS CHECK GOOD.

DATE 3/16/2018

SIGNED

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order 7917-03-2018

Printed by EBis 3 (datamedia.com)

ENGINE MODEL AE125
02.00
ENGINE S/N (R)
02-02-03422
REG. NO. 629SA
WORK ORDER
7917-03-2018



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2383

DATE 3/16/2018
A/C TSN: 1634.6
EN: 177 (R) 725.1
TACH: 1634.6

Right Engine Entries

- (8) Replaced Waste-gate actuator with serviceable unit. Cleared ECU failure.
- Performed ground runs. Operations: checks ok.
All work performed IAW Diamond DA-42 M/M Chapter 81 and ENG M/M

DATE 3/16/2018

SIGNED

Falcon Aviation A&P 3726218

Work Order 7917-03-2018

Printed by EBis 3 (datamedia.com)

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 6877 22-March-2018 WO# 53/J HOBBS 1930.4
N629SA S/N 42 AC011 DIAMOND DA 42 TACH 1639.2

Pg 1 / 1

INSPECTED AIRCRAFT AND ENGINE FOR GENERAL CONDITION. REVIEWED LOGBOOKS FOR AD COMPLIANCE AND AIRWORTHINESS STATUS. GROUND RAN AND LEAK CHECKED. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TDI MM AND TECHNIFY RM-02-02.

CHECKED ELT BATTERY EXPIRATION DATE AND FOUND TO BE 1/31/2024.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES MAULDIN

CRS9X3R785C
CERTIFICATE #

3/22/18
DATE

AIR TIME AND

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 6309 16-April-2018 WO# 5545 HOBBS 2009.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1895.9

Pg 1/1

DATE

REMOVED AND REPLACED RH MAIN BRAKE LININGS P/N: 066-10500.

BROUC
FORW PREFORMED OPS CHECK ON FUEL TRANSFER PUMP AND DE-ICE SYSTEM WAS SATISFACTORY. PLACARD WINDSHIELD
DE-ICE INOP.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE
WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR
STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPEC / JUSTIN PRESLEY

CRS9X3R785C
CERTIFICATE #

4/16/2018
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 6384 20-April-2018 WO# 5566
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1708.9
HOBBS 2025.9

Pg 1/1

REPLACED LH AND RH AUX TANK LOCKS P/N 3802-0022. THIS WORK WAS PERFORMED IN ACCORDANCE WITH
DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED
AND INSPECTED IN ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR
RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE
AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

4/20/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 6441 26-April-2018 WO# 5624 HOBBS 2035.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1715.8

Pg 1/1

LH BRAKE LINING REPLACED WITH NEW BRAKE LINING P/N: RA66-105. PISTON O-RINGS WERE REPLACED WITH
NEW PISTON O-RINGS MS28775-222. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1
AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE
WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR
STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES MAULDIN

CRS9X3R785C
CERTIFICATE #

4/26/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 6466 30-April-2018 WO# 5646 HOBBS 2040.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1718.9

Pg 1/1

PILOT REPORTED GEAR UNSAFE LIGHT ON WHEN GEAR IS UP. INSPECTED AND ADJUSTED NOSE GEAR MICRO UP
SWITCH, OPS CHECK GOOD. NO OTHER FAULTS DETECTED. THIS WORK WAS PERFORMED IN ACCORDANCE WITH
DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE
WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR
STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / RYCE G. LANKTREE

CRS9X3R785C
CERTIFICATE #

30 APR 2018
DATE

CARRIED FORWARD

ENGINEERING RECORD

21

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 6651 14-May-2018 WO# 5729 HOBBS 2061.8
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1733.4
 AIRFRAME TT 1733.4

Pg 1/1

RE

LICENCE
NUMBER

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

ELT BATTERY DUE REPLACEMENT 01-2024.
 REMOVED AND REPLACED RIGHT AND LEFT AIR FILTERS P/N R8700. (NEXT DUE 1933.4).
 REMOVED AND REPLACED PARKING BRAKE CABLE CORE AND ADJUSTED.
 REMOVED AND REPLACED FIRE EXTINGUISHER P/N A620.
 REPLACED LEFT AILERON BELLCRANK BONDING WIRE TERMINAL.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2018-10AND ARE CURRENT AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mike Femia
 INSPECTOR / MIKE FEMIANO

CRS9X3R785C
 CERTIFICATE #

5-14-18
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 6836 15-June-2018 WO# 5886/M HOBBS 2135.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1783.2

Pg 1/1

C/W AD 2018-10-10 BY INSTALLATION OF RH AND LH TAILPIPE CLAMP IAW DIAMOND MSB 42-120 REV. 4. NEXT CLAMP INSPECTION DUE 1808.2. PART (G)1(2) REMOVAL AND INSPECTION OF TAILPIPE DUE 1974.9. 2373.7 JH

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Jonathan D. Hudson
 INSPECTOR / JONATHAN D. HUDSON

CRS9X3R785C
 CERTIFICATE #

6-15-18
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 6839 15-June-2018 WO# 5886 HOBBS 2135.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1783.2

Pg 1/1

INSTALLED NEW IGNITION SWITCH P/N 75705-01. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

BK
 INSPECTOR / BRUCE KIMBLE

CRS9X3R785C
 CERTIFICATE #

6/15/18
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 7386 19-July-2018 WO# 6167
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1881.6
 ACTT 1881.6

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, PER WI MSB42-120 REV.4. NEXT BRACKET INSPECTION DUE AT 1826.6.
 PART 1(I) INSPECTION OF RH TAILPIPE DUE AT 1974.8 HRS.
 PART 1(I) INSPECTION OF LH TAILPIPE DUE AT 3301.6 HRS.

C/W AD 2017-18-10 BY INSTALLING IMPROVED FLAP BELL CRANK P/N D602757-11-00_01, AND 2 SPACERS P/N BU2-10-06-0065-C. NO FURTHER INSPECTION REQUIRED.

INSTALLED NEW LH EXHAUST TAILPIPE P/N 52-7810-H000104. OPS CHECKED. REPAIRED BONDING STRAP AT LH INNER FLAP ROD END. INSTALLED NEW LH AND RH BRAKE LININGS P/N RA066-10500. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2018-14 AND ARE CURRENT AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT F.A.A. REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
 INSPECTOR / MARK JOHNSON

CRS9X3R785C
 CERTIFICATE #

7/19/18
 DATE

AIR TIME AND

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 7535 11-August-2018 WO# 8435 HOBBS 2208.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1825.9

DATE

Pg 1/1

COMPLETE

BROUGHT
FORWARD

C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, PER WI MSB42-120 REV.4. REMOVED CRACKED LH EXHAUST CLAMP. INSTALLED SERVICABLE CLAMP FROM N459TS LH EXHAUST. NEXT DUE 1850.9 HRS. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

BK
INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
CERTIFICATE #

8/11/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 7684 25-August-2018 WO# 8538 HOBBS 1845.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2226.5

Pg 1/1

SERVICED MAIN LANDING GEAR AND NOSE GEAR STRUTS WITH NITROGEN. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

BK
INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
CERTIFICATE #

8/25/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 7681 26-August-2018 WO# 8542 HOBBS 2227.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1845.9

Pg 1/1

REMOVED AND REPLACED RH GEAR DOWN INDICATOR LAMP WITH A NEW PN T4.6 24/20 LAMP. OPS CHECK OK. PLACED A "AUTOPILOT INOP" PLACARD IN PLAIN VIEW OF PILOT AND DISABLED AUTOPILOT IAW FAR 91.213. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mike Femiato
INSPECTOR / MIKE FEMIATO

CRS9X3R785C
CERTIFICATE #

8-26-18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 7723 29-August-2018 WO# 8553 HOBBS 2235.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1847.1

Pg 1/1

INSTALLED NEW LH YOKE AUTOPILOT DISCONNECT SWITCH P/N M62061SS4W01-CC. ALL WORK IAW DA42 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Jonathan D. Hudson
INSPECTOR / JONATHAN D. HUDSON

CRS9X3R785C
CERTIFICATE #

8-29-18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 7783 05-September-2018 WO# 8616 HOBBS 2240.1
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1850.1

Pg 1/1

C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, PER WI MSB42-120 REV.4. NEXT DUE 1875.1.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

BK
INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
CERTIFICATE #

9/5/18
DATE

CARRIED FORWARD

ENGINEERING RECORD

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 7859 12-September-2018 WO# 6654 HOBBS 2252.8
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1858.3

Pg 1/1

LICENCE
NUMBER

R+R RH ENGINE OIL PRESSURE SENDER. INSTALLED SERVICEABLE OIL PRESSURE SENDER TAKEN FROM RH SIDE OF N888SUB. PN: 8220.78.5023, SN: 12185. OPS CHECK AND LEAK CHECK OK. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

9/12/18
DATECRS9X3R785C
CERTIFICATE #

INSPECTOR / MARK JOHNSON

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 7913 18-September-2018 WO# 6698 HOBBS 2267.4
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1867.7

Pg 1/1

CLEARED LH ECU A+B FAIL AND PERFORMED ENGINE RUN. NO FAULTS DETECTED. FAULTS APPEARED TO BE ERRONEOUS, BUT WILL CONTINUE TO MONITOR FOR A TREND. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

9/18/18
DATECRS9X3R785C
CERTIFICATE #

INSPECTOR / MARK JOHNSON

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8040 01-October-2018 WO# 6783 HOBBS 2272.4
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1870.5

Pg 1/1

C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, PER WI MS842-120 REV.4. NEXT DUE 1895.S.
 THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

10/1/18
DATECRS9X3R785C
CERTIFICATE #

INSPECTOR / BRYCE KIMMEL

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8079 04-October-2018 WO# 6809 HOBBS 2280.3
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1875.7

Pg 1/1

R+R LH/RH BRAKE LININGS PN: 66-105. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

10/4/18
DATECRS9X3R785C
CERTIFICATE #

INSPECTOR / MARK JOHNSON

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8097 05-October-2018 WO# 6822 HOBBS 2281.6
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1876.6

Pg 1/1

REPLACED RH MAIN TIRE P/N: 156E6681 B/N: 81365869 AND LH MAIN TIRE P/N: 156E6681 B/N: 80795832. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

10/5/18
DATECRS9X3R785C
CERTIFICATE #

INSPECTOR / WILL KAMPE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 8105 06-October-2018 WO# 6830 HOBBS 1880.7
N629SA S/N 42.AC011 DIAMOND DA42

Pg 1/1

DATE CLEANED BIRD FROM COWLING AND INBOARD LEADING EDGE INSPECTED R/H COWLING R/H INBOARD LEADING
FOR DEFECTS NONE NOTED AT THIS TIME. THIS WORK WAS PERFORMED IN REFERENCE TO DIAMOND DA20-C1
AMM.

BROUGI THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
FORWA ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

BK
INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
CERTIFICATE #

10/6/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 8178 15-October-2018 WO# 6871 HOBBS 2300.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1890.9

Pg 1/1

R+R LH ECU MANUAL SWAP SWITCH PN:7101K22QE. OPS CHECK OK. THIS WORK WAS PERFORMED IN ACCORDANCE
WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS
MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND
TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF
THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

10/15/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 8181 15-October-2018 WO# 6874/1 HOBBS 2302.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1892.0

Pg 1/1

COMPLIED WITH AD 2018-10-10 BY INSTALLATION OF EQUIPMENT P/N: MSB-42-120-KIT PER WI MSB42-120
REV.4. NEXT DUE: 1917.0.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanktree
INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
CERTIFICATE #

15 OCT 2018
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 8195 16-October-2018 WO# 6881 HOBBS 2307.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1895.7

Pg 1/1

REMOVED GEAR WARNING HORN P/N SC628NDP S/N 0604, INSTALLED SERVICEABLE GEAR WARNING HORN P/N
SC628NDP S/N 0635. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

James Mauldin
INSPECTOR / JAMES MAULDIN

CRS9X3R785C
CERTIFICATE #

10/16/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 8283 26-October-2018 WO# 6905 HOBBS 2316.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1899.8
AFTT 1899.8

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING
A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

C/W AD 2018-10-10 BY INSPECTION OF TAILPIPE CLAMPS IAW MSB42-120 REV.4. NEXT DUE 2341.5.

INSTALLED T FITTINGS IN RH AND LH ENGINE FUEL SUPPLY LINES P/N AN824-6.

CHECKED ALTERNATOR OUTPUT, FOUND FUNCTIONING PROPERLY IAW DA42 AFM.

INSTALLED NEW LH PROP ACCUMULATOR P/N P-893 S/N 18A020. SERVICED WITH NITROGEN.

SERVICED LANDING GEAR STRUTS W/ NITROGEN.

INSTALLED NEW RH AND LH GEAR BONDING STRAP.

RETORQUED RH AUX TANK VENT LINE.

INSTALLED NEW RH A/P DISCONNECT SWITCH P/N 031-00428-0000.

SET LH AND RH PROP PPRV.

INSTALLED NEW LH TURBO OULET HOSE BRACKET P/N 52-7310-H001001.

INSTALLED NEW FLAP UP LIGHT P/N T4.6 24-20.

REPOSITIONED RH PROP ACCUMULATOR FOR PROPER FIT AND CLEARANCE.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S),
ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL
AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE
WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE
ABOVE REFERENCED WORK ORDER NUMBER.

Jonathan D. Hubson
INSPECTOR / JONATHAN D. HUBSON

CRS9X3R785C
CERTIFICATE #

10-26-18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8383 03-November-2018 WO# 7020 HOBBS 2349.0
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1923.2

Pg 1/1

LICENCE
NUMBER

C/W AD 2018-10-10, FOR LH AND RH EXHAUST CLAMP INSPECTION, PER WI MS842-120 REV.4. NEXT DUE 1948.2. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Will K
 INSPECTOR / WILL KAMPEE

CRS9X3R785C
 CERTIFICATE #

11/3/18
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8399 06-November-2018 WO# 7037 HOBBS 2354.5
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1927.6

Pg 1/1

INFLATED RIGHT MAIN STRUT WITH NITROGEN. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

JM
 INSPECTOR / JAMES MAULDIN

CRS9X3R785C
 CERTIFICATE #

11/6/18
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8452 11-November-2018 WO# 7070 HOBBS 2377.6
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1944.2

Pg 1/1

C/W AD 2018-10-10, LH & RH EXHAUST CLAMP INSPECTION, PER WI MS842-120 REV.4. NEXT DUE 1969.2. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Will K
 INSPECTOR / WILL KAMPEE

CRS9X3R785C
 CERTIFICATE #

11/11/18
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8499 16-November-2018 WO# 7097 HOBBS 2384.6
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1948.1

Pg 1/1

CLEANED AND INSPECTED LH MAIN GEAR, AXLE, AND WHEEL ASSEMBLY. REPLACED OUTER GREASE RING SEAL, FELT SEAL AND SNAP RING. CLEANED AND REGREASED WHEEL BEARINGS. REMOVED AND REPLACED LH BRAKE LININGS. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Will K
 INSPECTOR / WILL KAMPEE

CRS9X3R785C
 CERTIFICATE #

11/15/18
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 8514 18-November-2018 WO# 7113 HOBBS 2390.9
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 1952.0

Pg 1/1

REPLACE LH AFT NAV LIGHT BULB P/N A508-28. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark J
 INSPECTOR / MARK JOHNSON

CRS9X3R785C
 CERTIFICATE #

11/18/18
 DATE

AIR TIME AND

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8541 21-November-2018 WO# 7133 HOBBS 2407.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1964.4

66-105 LM

Pg 1/1

BROUGHT
FORWARD

REMOVED AND REPLACED RH BRAKE LININGS 99-205. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Justin Throgmorton
INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

11-21-18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8562 21-November-2018 WO# 7144 HOBBS 2411.1
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1966.7

Pg 1/1

REMOVED LH AND RH EXHAUST CLAMPS. INSPECTED EXHAUST PIPES AND CLAMPS. RE-INSTALLED CLAMPS. C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, PER WI MS842-120 REV.4. NEXT DUE 1991.7 HRS. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Justin Throgmorton
INSPECTOR / JUSTIN THROGMORTON

CRS9X3R785C
CERTIFICATE #

21-Nov-2018
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8867 18-December-2018 WO# 7320 HOBBS 2467.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2005.8

Pg 1/1

C/W AD 2018-10-10, REMOVED AND INSPECTED RH & LH EXHAUST CLAMP ASSEMBLIES, PER WI MS842-120 REV.4. NEXT DUE 2030.8.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Will Kampfe
INSPECTOR / WILL KAMPFE

CRS9X3R785C
CERTIFICATE #

Refueler
DATE

CARRIED FORWARD

ENGINEERING RECORD

24

[illegible]

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8573 26-November-2018 WO# 7158 HOBBS 2418.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1971.9

Pg 1/1

DATE

BROUGHT
FORWARD

INSPECTED, FUNCTION CHK AND OP'S A/C LIGHTS (STROBE) NO DEFECTS NOTED. COULD NOT DUPLICATE RIGHT UP. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Will K
INSPECTOR / WILL KAMPPE

CRS9X3R785C
CERTIFICATE #

11/26/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8633 30-November-2018 WO# 7198 HOBBS 2438.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1987.1

Pg 1/1

C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, REMOVED RIGHT AND LEFT EXHAUST CLAMPS, INSPECTED AND REINSTALLED CLAMPS. PER WI MSB42-120 REV.4. NEXT DUE 2012.1.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

JM
INSPECTOR / JAMES MAULDIN

CRS9X3R785C
CERTIFICATE #

11/30/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8747 09-December-2018 WO# 7270 HOBBS 2448.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 1993.3
AFTT 1993.3

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

CW EXHAUST AD 2018-10-10. NEXT DUE AT 2018.3 TACH. INSTALLED ONE NEW EXHAUST STUD AND NUT ON THE LH EXHAUST, AND TWO NEW STUDS AND NUTS ON THE RH SIDE.

REPLACED RIGHT AND LEFT AIR FILTERS. (NEXT DUE 2193.3)

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2018-25 AND ARE CURRENT AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

12/9/18
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8886 26-December-2018 WO# 7377/1 HOBBS 2497.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2029.4

Pg 1/1

COMPLIED WITH AD 2018-10-10 BY INSPECTION OF EXHAUST CLAMPS AND REPLACEMENT OF 1 EXHAUST CLAMP P/N: D60-7806-00-01. WORK DONE IAW MSB 42-120/3 20-DEC-2017. NEXT DUE 2054.4

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanktree
INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
CERTIFICATE #

26 DEC 2018
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 8951 02-January-2019 WO# 7408 HOBBS 2441.9 *2516.1*
N629SA S/N 42.AC011 DIAMOND DA42 TACH *2041.8*

Pg 1/1

UNABLE TO DUPLICATE FAULT DURING OPS CHECK ON GROUND. OPS CHECKED GOOD. ALL WORK PERFORMED IAW DIAMOND DA42-TDI AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

BK
INSPECTOR / BRYCE KINNEL

CRS9X3R785C
CERTIFICATE #

1-2-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 8975 03-January-2019 WO# 7434 HOBBS 2521.1
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2045.9

Pg 1/1

ENTRIES. DRAW

REMOVED RH AND LH CLAMP AND INSPECTED. NO DEFECTS NOTED. RE-INSTALLED ON EXHAUST. C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, PER WI MSB42-120 REV.4. NEXT DUE 2070.9 HRS.

REMOVED WORN LH AND RH BRAKES LININGS. INSTALLED NEW LH AND RH BRAKE LININGS. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JUSTIN THROGMORTON

CRS9X3R785C
CERTIFICATE #

DATE

3-Jan-2019

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9009 07-January-2019 WO# 7470 HOBBS 2547.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2064.2

Pg 1/1

REMOVED LH EXHAUST CLAMP. INSPECTED CLAMP AND EXHAUST. NO DEFECTS NOTED. INSTALLED SERVICEABLE EXHAUST CLAMP ON LH EXHAUST. REMOVED RH EXHAUST CLAMP. INSPECTED CLAMP AND EXHAUST. EXHAUST SHEET CRACKED. REPLACED WITH NEW EXHAUST CLAMP SHEET. INSTALLED EXHAUST CLAMP. C/W AD 2018-10-10, EXHAUST CLAMP INSPECTION, PER WI MSB42-120 REV.4. NEXT DUE 2089.2 HRS. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JUSTIN THROGMORTON

CRS9X3R785C
CERTIFICATE #

DATE

2-Jan-2019

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9031 09-January-2019 WO# 7488 HOBBS 2556.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2078.8

Pg 1/1

INSTALLED NEW STROBE POWER SUPPLY P/N: 01-0770062-05 S/N: 13751. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
CERTIFICATE #

DATE

1/9/15

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9091 15-January-2019 WO# 7530 HOBBS 2575.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2084.7

Pg 1/1

REMOVED LH AND RH EXHAUST CLAMP AND INSPECTED. NO DEFECTS NOTED. RE-INSTALLED EXHAUST CLAMPS. COMPLIED WITH AD 2018-10-10 BY INSPECTION OF ENGINE EXHAUST CLAMPS IN ACCORDANCE WITH III.2 INSTALLATION OF ADDITIONAL EXHAUST CLAMP AND III.3 ACTION-3 INSPECTION OF EXHAUST CLAMP FOR CRACKS, WI-MSB 42-120, REVISION 4, DATED 20 DECEMBER 2017. NEXT DUE: 2109.7 HRS. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JUSTIN THROGMORTON

CRS9X3R785C
CERTIFICATE #

DATE

15-Jan-2019

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9094 15-January-2019 WO# 7533 HOBBS 2577.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2084.7

Pg 1/1

SERVICED WITH DEICING FLUID P/N09-02402. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

DATE

1-15-19

AIR TIME AND

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 9166 22-January-2019 WO# 7553 HOBBS 2587.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2092.7
AFTT 2092.7

Pg 1/1

DATE

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

BROUGHT
FORWARD

INSTALLED NEW LH MAIN TIRE. INSTALLED REPAIRED DA42 MAIN WHEEL ASSEMBLY ON RH SIDE. REMOVED BROKEN STRAP AND REPLACE WITH BONDING STRAP ASSY. REPLACED TERMINAL ON LH AILERON BONDING STRAP. ALL WORK PERFORMED IAW DA42 MM.

CW AD2018-10-10 BY VISUAL INSPECTION OF EXHAUST PIPE CLAMPS. NO DEFECTS NOTED. NEXT DUE AT 2117.7 TACH TIME.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2019-02 AND ARE CURRENT AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

1/22/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 9176 22-January-2019 WO# 7577 HOBBS 2588.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2092.7

Pg 1/1

CLEARED LH ECU CODES. GROUND RAN. NO FAULTS DETECTED. ACCESSED FRONT CANOPY MICROSWITCH AND LUBRICATED IT ACCORDINGLY. OPS CHECK GOOD. REINSTALLED ORIGINAL BAG BIN DOOR LOCK. OPS CHECK GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
CERTIFICATE #

22 JAN 2019
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 9232 27-January-2019 WO# 7618 HOBBS 2605.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2103.3

Pg 1/1

COMPLIED WITH AD 2018-10-10 BY INSPECTION OF ENGINE EXHAUST CLAMPS IN ACCORDANCE WITH III.2 INSTALLATION OF ADDITIONAL EXHAUST CLAMP AND III.3 ACTION-3 INSPECTION OF EXHAUST CLAMP FOR CRACKS. WI-MSB 42-120, REVISION 4, DATED 20 DECEMBER 2017. NEXT DUE: 2128.3.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

1/27/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 9244 28-January-2019 WO# 7627 HOBBS 2605.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2103.3

Pg 1/1

INSTALLED NEW RH GEAR POSITION LIGHT P/N: T4.6 24-20. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JONATHAN D. HUDSON

CRS9X3R785C
CERTIFICATE #

1-28-2019
DATE

IED FORWARD

ENGINEERING RECORD

26

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9338 04-February-2019 WO# 7689 HOBBS 2634.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2122.8

Pg 1/1

LICENCE
NUMBER

COMPLIED WITH AD 2018-10-10 BY VISUAL INSPECTION OF EXHAUST PIPE CLAMPS. NO DEFECTS NOTED. NEXT DUE AT 2147.8 TACH TIME.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

2/4/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9388 08-February-2019 WO# 7736/1 HOBBS 2658.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2139.7

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED ON RIGHT HAND CLAMP. REMOVED EXHAUST SHEET 1 FROM RIGHT HAND SIDE DUE TO CRACK REPLACED WITH CORRECT HARDWARE. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2164.7.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanctree
INSPECTOR / BRYCE G. LANCTREE

CRS9X3R785C
CERTIFICATE #

8 FEB 2019
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9405 09-February-2019 WO# 7750 HOBBS 2666.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2144.7

Pg 1/1

REPLACED R/H MAIN BRAKE LININGS P/N 66-105. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 MM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce Kimmel
INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
CERTIFICATE #

2/9/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9435 12-February-2019 WO# 7768 HOBBS 2673.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2149.3

Pg 1/1

INSTALLED NEW LH BRAKE PADS P/N 66-105. ALL WORK IAW DA42 MM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Jonathan D. Hudson
INSPECTOR / JONATHAN D. HUDSON

CRS9X3R785C
CERTIFICATE #

2-12-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9496 17-February-2019 WO# 7801 HOBBS 2681.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2160.9

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. NEXT DUE: 2185.9 HRS.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

2/17/19
DATE

AIR TIME AND

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9512 19-February-2019 WO# 7812 HOBBS 2698.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2166.1

Pg 1/1

BROUGHT
FORWARD

PERFORMED MAINTENANCE PREFLIGHT INSPECTION, CHECKED ALL FLUID LEVELS AND TOPPED OFF HYDROLIC FLUID. CHECKED ALL INTERIOR AND EXTERIOR LIGHTS. REPLACED ONE FLAP POSITION LIGHT. ALL WHEELS AND BRAKES WERE FOUND TO BE IN GOOD CONDITION. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Inspector
INSPECTOR /LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

2-19-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9511 19-February-2019 WO# 7812 HOBBS 2698.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2166.1

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2191.1.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Inspector
INSPECTOR /LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

2-19-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9523 21-February-2019 WO# 7822
N629SA S/N 42.AC011 DIAMOND DA42

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2205.4.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Inspector
INSPECTOR /BRAD BUFFINGTON

CRS9X3R785C
CERTIFICATE #

2-22-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9583 27-February-2019 WO# 7846 HOBBS 2736.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2190.7

Pg 1/1

100-HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. REPLACED LEFT HAND EXHAUST SHEET AND ATTACHING HARDWARE. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2215.7 HRS.
REMOVED AND REPLACED LH AND RH AIR FILTERS. NEXT DUE: 2390.7.
SERVICED RH STRUT WITH NITROGEN.
REMOVED WORN R/H ENGINE NACELLE SCREW AND INSTALLED NEW SCREW.
REMOVED AND REPLACED REAR SEATS FORWARD ATTACHING BOLTS.
INSTALLED MISSING BOLTS ON WING PANELS
REMOVED WORN TRIM COUPLER AND INSTALLED NEW TRIM COUPLER
REMOVED L/H WORN BRAKE LININGS, INSTALLED NEW L/H BRAKE LININGS.
INSTALLED NEW BOLT INTO REAR SEAT

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2019-04 AND ARE CURRENT AS OF THIS DATE.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Inspector
INSPECTOR /LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

2-27-19
DATE

CARRIED FORWARD

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9700 11-March-2019 WO# 7964 HOBBS 2770.1
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2213.0

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2238.0 HRS.

LICENCE
NUMBER

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanktree
INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
CERTIFICATE #

DATE

11 MAR 2019

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9734 13-March-2019 WO# 7980 HOBBS 2770.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2213.0

Pg 1/1

TROUBLESHOT NLG UNSAFE LIGHT AND COULD NOT DUPLICATE PILOT WRITE UP. REMOVED RH MAIN BRAKE
CALIPER AND INSTALLED NEW PISTON O-RINGS ALONG WITH NEW BRAKE LININGS. OPS CHECKED GOOD. ALL
WORK PERFORMED IAW DIAMOND DA42-TDI APP.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Lane Mitchell
INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

DATE

3-13-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9776 17-March-2019 WO# 8003 HOBBS 2797.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2231.1

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. DETECTED A BROKEN CLAMP R/S. REPLACED
DEFECTIVE R/S CLAMP WITH NEW. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4
III.2 NEXT DUE: 2256.1.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

3/17/19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9810 21-March-2019 WO# 8035 HOBBS 2821.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2248.6

Pg 1/1

C/W AD 2018-10-10 BY INSPECTION OF EXHAUST PIPE CLAMPS IAW DAI WORK INSTRUCTION WI-MSB 42-120.
NEXT DUE 2273.6 THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND
INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY
FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON
FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Jonathan D. Hubson
INSPECTOR / JONATHAN D. HUBSON

CRS9X3R785C
CERTIFICATE #

DATE

3-21-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9864 25-March-2019 WO# 8078 HOBBS 2851.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2268.5

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2318.5. THE AIRCRAFT OR
APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT
FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT
TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER
THE ABOVE REFERENCED WORK ORDER NUMBER.

Jonathan D. Hubson
INSPECTOR / JONATHAN D. HUBSON

CRS9X3R785C
CERTIFICATE #

DATE

3-25-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9968 02-April-2019 WO# 8105 HOBBS 2885.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2290.1
AFTT 2290.1

Pg 1/1

ANNUAL INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

DATE

BROUGHT
FORWARD

TEST ELT PER FAR91.207. NEXT BATTERY REPLACEMENT DUE JAN 2024.
COMPLIED WITH AD 2018-10-10 PAR. (G)(5) ON LEFT ENGINE CLAMPS BY REMOVING AND INSPECTING
EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS
DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2315.1
HRS. COMPLIED WITH AD 2018-10-10 PAR. (G)(5) ON RIGHT ENGINE CLAMPS BY REMOVING AND INSPECTING
EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS
DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2315.1
HRS. REMOVED AND REPLACED 2 EXCITATION BATTERIES. REMOVED AND REPLACED 4 ECU BATTERIES. WEIGHED
FIRE EXTINGUISHER 2LBS 40Z. REMOVED INLET VANE. FABRICATED NEW INLET VANE AND INSTALLED ON
COWLING. REMOVED AND REPLACED LEFT AND RIGHT BRAKE LININGS. INSTALLED NEW LH AND RH MLG
TRAILING LINK PIVOT BUSHINGS, RH TRAILING LINK DOG-BONE FLANGED BEARINGS, AND INSTALLED 2 NEW
BREAK CALIPER BOLTS. REMOVED AND REPLACED L/H BRAKE DISC. REMOVED BROKEN SCREW FROM NUTPLATE.
REMOVED DEICE NOZZLE REPLACED DEICE NOZZLE ON LH PROP. THIS WORK WAS PERFORMED IN ACCORDANCE
WITH DIAMOND DA42-TD1 AMM.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA 81-WEEKLY:
2019-06 AND ARE CURRENT AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED
ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND
WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT
DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER
NUMBER.

Bryce G. Lanktree
INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
CERTIFICATE #

2 APR 2019
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9973 02-April-2019 WO# 8105 HOBBS 2885.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2290.1

Pg 1/1

COMPLIED WITH AD 2018-10-10 OF RIGHT HAND EXHAUST BY INSPECTION OF EXHAUST PIPES IN ACCORDANCE
WITH III.4 - INSPECTION OF EXHAUST PIPE, DAI WI-MSB 42-120, REVISION 4, DATED 20 DECEMBER 2017
AND III.2 - RE-QUALIFICATION OF EXHAUST PIPES, DAI WI-OSB 42-131, PROCEDURE 2, REVISION 0,
DATED 20 DECEMBER 2017. NEXT DUE: 2790.1 HRS.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanktree
INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
CERTIFICATE #

2 APR 19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9974 03-April-2019 WO# 7889 HOBBS 2885.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2290.1

Pg 1/1

REMOVED AND INSTPECTED BOTH FUEL FILTERS FOR PROPER INSTALLATION. THIS WORK WAS PERFORMED IN
ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Lane Mitchell
INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

4-3-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 9993 04-April-2019 WO# 8149 HOBBS 2893.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2296.2

Pg 1/1

PERFORMED LANDING GEAR SWING, NO FAULT FOUND AT THIS TIME, THIS WORK WAS PERFORMED IN REFERENCE
TO DIAMOND DA42-TD1 AMM.
THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Lane Mitchell
INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

4-4-19
DATE

CARRIED FORWARD

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10009 05-April-2019 WO# 8152 HOBBS 2895.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2297.8

Pg 1 / 1

LICENCE
NUMBER

JACKED AIRCRAFT AND CYCLED GEAR UP AND DOWN SEVERAL TIMES, GEAR OPERATES NORMAL. CHECKED
 HYDRAULIC LEVEL, LEVEL NORMAL. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

COMPLIED WITH LEFT HAND ENGINE AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST
 CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. INSTALLED NEW
 EXHAUST CLAMPS AND ATTACHING HARDWARE. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120
 REV.4 III.2 NEXT DUE: 2322.6 HRS.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
 IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
 CLAMPS WITH NEW ATTACHING HARDWARE IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE:
 2322.6 HRS.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
 ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
 TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
 THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanktree
 INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
 CERTIFICATE #

5 APR 2019
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10047 08-April-2019 WO# 8176 HOBBS 2915.2
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2313.2

Pg 1 / 1

COMPLIED WITH RH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
 IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
 CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2338.2 HRS.

COMPLIED WITH LH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
 IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
 CLAMPS WITH NEW ATTACHING HARDWARE IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE:
 2338.2 HRS.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
 ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
 TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
 THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanktree
 INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
 CERTIFICATE #

8 APR 2019
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10071 10-April-2019 WO# 8189 HOBBS 2321.9
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2926.9

Pg 1 / 1

ADJUSTED NOSE GEAR UP MICROSWITCH AND LUBRICATED ALL OTHERS. PERFORMED GEAR CYCLES. OPS CHECK
 GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
 ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
 TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
 THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce G. Lanktree
 INSPECTOR / BRYCE G. LANKTREE

CRS9X3R785C
 CERTIFICATE #

10 APR 2019
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10089 12-April-2019 WO# 8205 HOBBS 2938.9
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2325.8

Pg 1 / 1

JACKED AIRCRAFT AND FOUND LH SQUAT SWITCH LEVER BENT. REMOVED AND REPLACED LH SQUAT SWITCH
 LEVER PN: JE-5. PERFORMED GEAR SWING WITH PLANE ON JACKS. THIS WORK WAS PERFORMED IN ACCORDANCE
 WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS
 MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND
 TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF
 THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Jonathan D. Hudson
 INSPECTOR / JONATHAN D. HUDSON

CRS9X3R785C
 CERTIFICATE #

4-12-19
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10112 13-April-2019 WO# 8217 HOBBS 2944.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2331.6

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
 IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
 CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2356.6.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
 ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
 TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
 THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Bryce Kimmel
 INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
 CERTIFICATE #

4/13/19
 DATE

AIR TIME AND

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 10163 20-April-2019 WO# 8240 HOBBS 2984.0
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2345.3

Pg 1/1

DATE

BROUGHT
FORWARD

TROUBLESHOT LANDING GEAR RETRACTION ISSUE. JACKED AIRCRAFT, AND INSPECTED GEAR SQUAT SWITCH FOR CONDITION AND OPERATION, NO DEFECTS NOTED AT THIS TIME. REMOVED REAR CARGO DEPARTMENT TO ACCESS LANDING GEAR HYDRAULIC COMPONENTS, FOUND HYDRAULIC SYSTEM OUT OF FLUID, AND A LEAK IN THE HYDRAULIC FLOW DIVIDER ASSEMBLY. SERVICED LANDING GEAR HYDRAULIC SYSTEM FOR TROUBLESHOOTING PURPOSES. FOUND NO VOLTAGE TO THE LANDING GEAR MOTOR. INSPECTED WIRING FOR CONDITION, AND ROUTING, FOUND 50 AMP FUSE FOR LANDING GEAR BLOWN, AND PUMP BURNT UP. INSTALLED SERVICEABLE LANDING GEAR HYDRAULIC MODULE. P/N: D60-2913-10-00 S/N: 0378 AND NEW AML-50 50 AMP FUSE, CYCLED GEAR TO BLEED SYSTEM AND CHECKED OPERATION OF GEAR, SERVICED LANDING GEAR ACCUMULATOR WITH NITROGEN. LANDING GEAR OPS CHECK SATISFACTORY AT THIS TIME. REINSTALLED REAR CARGO AREA AND LOWERED OFF JACKS. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2390.3.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / BRYCE KIMMEL

CRS9X3R785C
CERTIFICATE #

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 10203 24-April-2019 WO# 8294 HOBBS 2988.5
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2380.8

Pg 1/1

INSTALLED NEW RH BRAKE LININGS PN:66-105. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 10224 25-April-2019 WO# 8307 HOBBS 2993.0
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2365.9

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING RH EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2390.9.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING LH EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2390.9.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 10230 25-April-2019 WO# 8315 HOBBS 2993.6
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2366.3

Pg 1/1

CLEANED EXCESSIVE OIL RESIDUE FROM LH ENGINE AND CLEANED OIL FROM FUSELAGE. REMOVED 1QT OF OIL FROM EACH ENGINE. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

DATE

CARRIED FORWARD

ENGINEERING RECORD

29

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10274 30-April-2019 WO# 8350 HOBBS 3007.2
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2376.2

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS ON RH AND LH ENGINE IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2401.2.

TROUBLESHOT GPS INOP: RE-RACKED ALL G1000 UNITS UNDERNEATH AFT BAGGAGE, AND RE-SEATED GPS ANTENNA CO-AX CABLES. GPS FUNCTIONING NORMALLY AT THIS TIME. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #4/30/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10487 20-May-2019 WO# 8388 HOBBS 3027.0
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2389.5
 AFTT 2389.5

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

INSTALLED NEW CO-PILOT BAGGAGE DOOR HINGES. INSTALLED NEW LH AND RH BRAKE LININGS, AND A NEW RH BRAKE ROTOR. INSTALLED NEW LH MAIN TIRE PN:156E66-4 SN:81212138. FOUND TERMINAL DISCONNECTED ON LH EC BACKUP BATTERIES. RECONNECTED TERMINAL AND TESTED FOR POSITIVE VOLTAGE. NO FURTHER ACTION REQUIRED. REPLACED RH RUDDER PEDAL ADJUSTMENT CABLE. INSTALLED NEW BONDING STRAP ON LH AILERON CONTROL ROD.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2414.5. REPLACED LH EX SHEET IAW AD 2018-10-10.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #5/20/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10517 21-May-2019 WO# 8512 HOBBS 3037.2
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2396.4

Pg 1/1

JACKED AIRCRAFT AND PERFORMED GEAR SHWING ALL INDICATIONS NORMAL. PERFORMED GROUND TAXI AND NO FAULTS NOTED. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #05-21-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 10531 23-May-2019 WO# 8526 HOBBS 3048.5
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2403.6

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. REPLACED LH CLAMP HEXAGON SCREW P/N: LN9037-M6X16. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2428.6.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #05-23-19
DATE

AIR TIME AND

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 10560 26-May-2019 WO# 8548 HOBBS 3076.0
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2423.7

Pg 1/1

BROUG
FORWA

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2448.7 TACH TIME.

INSTALLED NEW HARDWARE ON LH ENGINE EXHAUST CLAMP.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

5/26/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 10588 29-May-2019 WO# 8571 HOBBS 3184.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2443.5

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING RH/LH EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2468.5.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

05-29-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 10650 03-June-2019 WO# 8622 HOBBS 3134.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2466.3

Pg 1/1

REMOVED WORN BRAKE LININGS ON RH/LH SIDE AND INSTALLED ALL NEW LININGS RH/LH SIDE. OPS CHECKS GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TDI AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / CHAD MARVIN

CRS9X3R785C
CERTIFICATE #

6/3/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 10666 04-June-2019 WO# 8634 HOBBS 3134.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2468.3

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING LH AND RH EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2491.3.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

6-4-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 10890 29-June-2019 WO# 8662 HOBBS 3171.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2477.4

Pg 1/1

COMPLIED WITH ADS-B UPGRADE IAW GARMIN GTX 3XX PART 23 AML STC INSTALLATION MANUAL DOC# 190-00734-10 REV. 12 DATED 04/2019.

GTX 33 P/N OFF: 011-00779-10 S/N OFF: 89103083
GTX 345R P/N ON : 011-01217-43 S/N ON : 3E421036
GPS ANTENNA (GA56) P/N OFF: 011-00134-00 S/N OFF: 59401345
GPS ANTENNA (GA35) P/N ON : 013-00235-00 S/N ON : 170010

TESTED AND INSPECTED THE ATC TRANSPONDER SYSTEM IAW 14 CFR 91.413 PARAGRAPH B AND FOUND TO COMPLY WITH PART 43 APPENDIX E PARAGRAPH C.

REMOVED AND REPLACED THE #2GPS ANTENNA WITH SERVICEABLE PART AND RETERMINATED COAX CONNECTORS AT THE #1 GPS ANTENNA AND GPS SPLITTER. BOTH SYSTEMS TESTED NORMAL IAW GARMIN G1000 LINE MAINTENANCE AND CONFIGURATION MANUAL REV F. GPS ANTENNA(GA56) P/N OFF&ON: 011-00134-00.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / STEPHEN HARRIS II

CRS9X3R785C
CERTIFICATE #

6/29/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 10891 29-June-2019 WO# 8854 HOBBS 3171.9
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2477.4
 AFTT 2477.4

Pg 1 / 2

LICENCE
NUMBER

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST. COMPLETED ELECTRICAL BONDING CHECK. CLEANED NUMEROUS CONTACT POINTS TO ACHIEVE PROPER RESISTANCE. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. SERVICED THE L/H UNFEATHERING ACCUMULATOR. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. REMOVED AND REPLACED RH MLG TIRE WITH NEW PN#156E6681 SN#90085833. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. REMOVED NOSE WHEEL ASSY. DISASSEMBLED AND REPLACED WORN TIRE AND TUBE. REASSEMBLED, TORQUED, AIRED TO SPEC, AND REINSTALLED ON AIRCRAFT. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. TEST RAN AIRCRAFT. ALTERNATORS SWAP AND SHARE LOAD. OPS CHECKS NORMAL. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. REMOVE AND REPLACE RH BRAKE LININGS PART NUMBER 66-105. THIS WORK WAS PERFORMED IN REFERENCE TO DIAMOND DA42-TD1 AMM. REPLACED WORN ORING AND SEALING RING. REINSTALLED VALVE FOR LH FUEL FILTER AND LEAK CHECKED. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. INSTALLED NEW TERMINALS ON DAMAGED BONDING STRAPS. ALL WORK WAS PERFORMED IAW DA42 AMM. UP FLAP INDICATOR LIGHT INOP. REMOVED LENS AND INOP UP FLAP INDICATOR LAMP. INSTALLED NEW LAMP AND REINSTALLED LENS. OPS CHECK GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. FOUND RUDDER CABLE TENSION OUT OF LIMITS. ADJUSTED TURNBUCKLES. RUDDER CABLES NOW WITHIN LIMITS. SAFETY CLIPPED. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2019-13 AND ARE CURRENT AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

DATE

06-29-19

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 10984 30-June-2019 WO# 8854 HOBBS 3171.9
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2477.7

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV. 4 III.3 ACTION-3. REPLACED CLAMP P/N: D60-7806-00-01 ON LEFT ENGINE AND NO CRACKS DETECTED ON RIGHT ENGINE. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV. 4 III.2 NEXT DUE TACH: 2502.2.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

6/30/19

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 10933 03-July-2019 WO# 8838/1 HOBBS 3186.2
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2485.9

Pg 1 / 1

RETORQUED NLG TRUNNION ATTACHMENT HARDWARE AND ADJUSTED NLG ACTUATOR. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

DATE

7/3/19

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
 LOG ID# 11354 13-August-2019 WO# 9158 HOBBS 3485.9
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2682.2

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV. 4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV. 4 III.2 NEXT DUE: 2717.2

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

DATE

8/13/19

AIR TIME AND

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 10942 05-July-2019 WO# 8853 HOBBS 3195.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2491.5

Pg 1/1

BR COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
FO IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2516.5.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

07-05-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 10964 08-July-2019 WO# 8870/1 HOBBS 3218.1
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2507.8

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2532.6.

REATTACHED HANDLE AND CHECKED OPERATION OF ADJUSTMENT CABLE, OPS CHECK GOOD. THIS WORK WAS
PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERENCE WILSON

CRS9X3R785C
CERTIFICATE #

7-9-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 10991 12-July-2019 WO# 8896/1 HOBBS 3247.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2527.9

Pg 1/1

CRACK FOR ON LH EXHAUST BRACKET, REPLACED BRACKET WITH NEW EXHAUST BRACKET. COMPLIED WITH AD
2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND
AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW
DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2552.9.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERENCE WILSON

CRS9X3R785C
CERTIFICATE #

7-12-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11003 14-July-2019 WO# 8904 HOBBS 3266.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2541.9

Pg 1/1

REMOVE AND REPLACE LH OR RH BRAKE LININGS PART NUMBER 66-105. THIS WORK WAS PERFORMED IN
REFERENCE TO DIAMOND DA42-TDI AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

7/14/19
DATE

CARRIED FORWARD

ENGINEERING RECORD

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Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11012 15-July-2019 WO# 8908 HOBBS 3275.0
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2547.2

Pg 1/1

LICENCE
NUMBER

ENTRIES. DRAW
 COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. INSTALLED NEW CLAMP PN:D60-7806-00-03 ON LH ENGINE. RE-INSTALLED OTHER CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2572.2.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
 INSPECTOR / MARK JOHNSON

CRS9X3R785C
 CERTIFICATE #

7/15/19
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11046 18-July-2019 WO# 8937 HOBBS 3303.0
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2567.6

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2592.6.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Lane Mitchell
 INSPECTOR / LANE MITCHELL

CRS9X3R785C
 CERTIFICATE #

7-18-19
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11087 22-July-2019 WO# 8949 HOBBS 3312.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2573.5
 AFTT 2573.5

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2598.5.

INSTALLED NEW ELEVATOR BUSHINGS AND SPACER BUSH.
 INSTALLED NEW LH AND RH BRAKE LININGS.
 INSTALLED NEW SET SCREW IN RUDDER TRIM KNOB.
 INSTALLED NEW BONDING JUMPER AT RH AILERON ACTUATOR.
 REMOVED DAMAGED SECTION OF COCKPIT FRESH AIR VENT SCAT TUBE AND RE-INSTALLED. OK FOR SERVICE AT THIS TIME.
 INSTALLED NEW HOSE CLAMP ON RH HEATER CORE INLET.
 THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Mark Johnson
 INSPECTOR / MARK JOHNSON

CRS9X3R785C
 CERTIFICATE #

7/22/19
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11119 25-July-2019 WO# 8987 HOBBS 3333.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2588.6

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2613.6

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

Terrence Wilson
 INSPECTOR / TERRENCE WILSON

CRS9X3R785C
 CERTIFICATE #

7-25-19
 DATE

AIR TIME AND

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11143 26-July-2019 WO# 9002 HOBBS 3348.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2597.3

Pg 1/1

BROUGHT
FORWARD

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2622.3.

REMOVED AND REPLACED LH EXHAUST CLAMP. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

DATE

07-26-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11149 27-July-2019 WO# 9008 HOBBS 3348.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2598.5

Pg 1/1

REPAIRED WIRE ON COPILOTS PUSH TO TALK SWITCH, OPS CHECKS GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

DATE

07-27-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11155 28-July-2019 WO# 9016 HOBBS 3357.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2604.5

Pg 1/1

INSTALLED NEW O-RINGS IN RH CALIPER, BLEED AND SERVICED SYSTEM. OPS CHECK OK. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

7/28/19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11168 29-July-2019 ~~WO# 9016~~ 2610.9 Tach
N629SA S/N 42.AC011 DIAMOND DA42 ~~3367.3~~ Hobb's

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2635.9

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

7/29/19

CARRIED FORWARD

ENGINEERING RECORD

32

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11197 31-July-2019 WO# 9043/1 HOBBS 3387.1
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2623.5

Pg 1 / 1

REMOVED LEAKING DRAIN VALVE FROM LH WING SUMP AND INSTALLED NEW DRAIN VALVE. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #7-31-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11206 31-July-2019 WO# 9051 HOBBS 3389.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2625.2

Pg 1 / 1

TAXIED PLANE AND PERFORMED POWER RUNS. NO DEFECTS NOTED. ENGINES MATCH FULL POWER RPM. BRAKES DO NOT FEEL WEAK OR LOCKED UP. VISUALLY INSPECTED STEERING LINKAGE ON NOSEWHEEL. AIRPLANE OK FOR SERVICE AT THIS TIME. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #7/31/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11214 01-August-2019 WO# 9056/1 HOBBS 3395.9
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2629.9

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2654.9.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #8-1-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11219 01-August-2019 WO# 9062 HOBBS 3399.4
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2632.2

Pg 1 / 1

removed wheel assembly, repositioned wheel bearings and felt assembly. insured for proper build-up. ops check good. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #8-1-19
DATE

AIR TIME AND

DATE

BROUGHT
FORWARD

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11246 04-August-2019 WO# 9082 HOBBS 3423.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2649.4

ENGINEERING RECORD

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. CHANGED ONE CLAMP ON LH ENGINE. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE TACH: 2674.4.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

8/4/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11276 07-August-2019 WO# 9106 HOBBS 3455.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2672.8

Pg 1/1

RH BRAKE ROTOR AND BRAKE PAD MOUNTING PLATES WERE DAMAGED FROM THE BRAKES BEING WORN AWAY. INSTALLED NEW BRAKE ROTOR AND BRAKE PAD MOUNTING PLATES. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

8/7/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11279 07-August-2019 WO# 9183 HOBBS 3455.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2672.8
AFTT 2672.8

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST. PARTS ON ORDER. AIRCRAFT OK TO CONTINUE SERVICE AT THIS TIME. COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2697.8. R+R RH MAIN TIRE. INSTALED NEW TIRE PN:156E66B1 SN:90865886. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. REMOVED AND REPLACED LH MAIN TIRE AND BRAKE ROTOR. INSTALLED NEW TIRE PN:156E66B1, SN:90865815. INSTALLED NEW BRAKE ROTOR PN:164-01501. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. INSTALLED NEW LH AND RH BRAKE LININGS PN:66-105. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. REPLACED BROKEN FLAP UP LIGHT WITH NEW. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. LH TRAILING LINK BUSHINGS REMOVED AND REPLACED WITH NEW BUSHINGS. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2019-16 AND ARE CURRENT AS OF THIS DATE.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

08-07-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11354 13-August-2019 WO# 9156 HOBBS 3485.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2682.2

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2717.2

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

08-13-19
DATE

CARRIED FORWARD

ENGINEERING RECORD

33

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11361 13-August-2019 WO# 9159 HOBBS 3487.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2693.5

Pg 1 / 1

PERFORMED ENGINE RUN-UP. RH ALTERNATOR FUNCTIONING. DROPPED LH ALTERNATOR OFF-LINE AND RH ALTERNATOR PICKED UP LOAD. NO PROBLEMS NOTED. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMONCRS9X3R785C
CERTIFICATE #8-13-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11413 17-August-2019 WO# 9182 HOBBS 3519.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2715.6

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2740.6.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERRENCE WILSONCRS9X3R785C
CERTIFICATE #8-17-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11437 20-August-2019 WO# 9211 HOBBS 3543.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2733.6

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2758.6.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / LANE MITCHELLCRS9X3R785C
CERTIFICATE #8-20-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11462 21-August-2019 WO# 9229 HOBBS 3557.1
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2743.8

Pg 1 / 1

REMOVED WORN BRAKE LININGS AND INSTALLED NEW LH MLG BRAKE LININGS.

REMOVED WORN BRAKE LININGS AND INSTALLED NEW RH MLG BRAKE LININGS. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERRENCE WILSONCRS9X3R785C
CERTIFICATE #8-21-19
DATE

AIR TIME AND

DATE

BROUGHT
FORWARD

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11484 21-August-2019 WO# 9233 HOBBS 3558.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2744.8

Pg 1/1

FEED, SPliced AND CONNECTED NEW WIRES FOR PILOT SIDE PTT SWITCH. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA40-180 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/ JEFF SIMON

CRS9X3R785C
CERTIFICATE #

8-21-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11489 24-August-2019 WO# 9248 HOBBS 3576.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2757.8

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2782.6.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #

8-24-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11496 24-August-2019 WO# 9253 HOBBS 3579.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2758.3

Pg 1/1

REMOVE WORN RH MAIN WHEEL ASSY., AND INSTALLED DA42 MAIN WHEEL ASSY., P/N:156E66-4, S/N:9028-83082039. (SEE FORM 8130 TRACKING #9028). THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #

8-24-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11533 31-August-2019 WO# 9275 HOBBS 3597.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2772.4
AFTT 2772.4

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

SWAPPED LH PROP WITH RH PROP TO UNFEATHER AS PER DIAMONDS INSTRUCTIONS, PROP UNFEATHERED. TEST RAN BOTH ENGINES FOR 5 MINUTES AND THEN PERFORMED FEATHERING CHECK. BOTH PROPS FEATHERED NORMAL, RESET PROPS AND THE LH PROP UNFEATHERED BUT DID NOT TURN ENOUGH TO LOCK, WE ASSITED IT INTO THE LOCKED POSITION THEN CHECKED THE ACCUMULATOR PRESSURE. THE ACCUMULATOR PRESSURE WAS AT 84 PSI, NORMAL IS 150 PSI. WE SERVICED BOTH ACCUMLTORS TO 150 PSI, TEST RAN THE PROPS TO FEATHER. THE PROPS FEATHERED AND THEN RESET TO NORMAL. OPS CHECKS GOOD. WE RETURNED THE PROPS TO THEIR ORIGINAL POSITIONS.

COMPLIED WITH MANDITORY SERVICE BULLETIN WI-MSB 42-0870 INSTALLED RUDDER BRACKET REPAIR KIT P/N MSB-42-08 KIT.

REMOVED AND REPLACED LH&RH AFT NAV LIGHTS.
REMOVED AND REPLACED RH VENT WINDOW HINGES
REPLACED LH/RH AIR FILTERS (NEXT DUE 2972.4)

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA BI-WEEKLY: 2019-17 AND ARE CURRENT AS OF THIS DATE.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

08-31-19
DATE

CARRIED FORWARD

ENGINEERING RECORD

34

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11547 01-September-2019 WO# 9298 HOBBS 3602.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2775.1

Pg 1/1

LICENCE
NUMBER

RH ECU B FAIL CAUSED BY MOMENTARY CAM OUT OF PHASE ERROR. CLEARED FAULT AND RAN AIRCRAFT TO ENSURE PROPER ENGINE OPERATION. NO FURTHER FAULTS NOTED.

RE-ROUTED PILOTS PTT SWITCH WIRES IN YOKE TO ALLOW SWITCH TO FULLY SEAT IN ITS RECESS. SWITCH SECURE AT THIS TIME. OPS CHECK OK. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2800.1.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

9/1/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11563 03-September-2019 WO# 9309/1 HOBBS 3615.6
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2783.5

Pg 1/1

RAN DIAGNOSTICS ON RH ENGINE. CAM SENSOR FAULT DETECTED. REMOVED AND REPLACED BOTH CAM SENSORS WITH SERVICABLE SENSORS PN:05-3940-K000101. PERFORMED RUN-UP WITH NO FAULTS NOTED. THIS WORK WAS PERFORMED IN REFERENCE WITH TECHNIFFY RM-02-02.

COMPLIED WITH AD 2018-10-10 OF RH EXHAUST BY INSPECTION OF EXHAUST PIPE I.A.W. III.4 - INSPECTION OF EXHAUST PIPE, DAI WI-MSB 42-120, REV 4 AND III.2 - REQUALIFICATION OF EXHAUST PIPE DAI WI-OSB 42-131, PROCEDURE 2, REV 0. NEXT DUE: 3283.5

COMPLIED WITH AD 2018-10-10 PAR.(G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. CRACK FOUND ON LH ENGINE, INSTALLED NEW BRACKET PN:D60-7806-00-03. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2808.5.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

09-03-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11617 08-September-2019 WO# 9342 HOBBS 3643.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2806.7

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED ON RH EXHAUST. CRACKS FOUND ON LH EXHAUST. REMOVE AND REPLACED LH EXHAUST CLAMPS P/N:D60-7806-00-01 AND P/N:D60-7806-00-03, HEX SCREW P/N:LN9037-M6X16 AND NUT P/N:LN9338-M6 RE-INSTALLED CLAMPS ON EXHAUST IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE:2831.7.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

9/8/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11628 09-September-2019 WO# 9358 HOBBS 3649.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2820.8

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2845.8

REPLACED LH AND RH AFT NAV LIGHT BULBS. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

9-1-19
DATE

AIR TIME AND

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11669 13-September-2019 WO# 9385 HOBBS 3701.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2844.0

COMPLETE

Pg 1/1

BROUGHT
FORWARD

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2869.0.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #

9-13-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11683 14-September-2019 WO# 9391 HOBBS 3710.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2850.4

Pg 1/1

PILOT REPORTED RH BRAKE LININGS WORN PASS LIMITS, AFTER INSPECTING BOTH SIDES, REMOVED AND REPLACED LH & RH BRAKE LININGS. OPS CHECK GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/ WILLIAM KAMPE

CRS9X3R785C
CERTIFICATE #

9/14/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11704 15-September-2019 WO# 9406 HOBBS 3710.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2857.2

Pg 1/1

REMOVED AND REPLACED LH MAIN WHEEL ASSEMBLY. INSTALLED PN: DA42 MAIN ASSY, SN: 90875888-9256. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/ JEFF SIMON

CRS9X3R785C
CERTIFICATE #

9-15-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11731 17-September-2019 WO# 9424 HOBBS 3726.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2861.6

Pg 1/1

CLEANED AND INSPECTED IMPACT AREA, DETERMINED NO DAMAGES WERE IN THE COMPOSITE. REMOVED AND REPLACED PILOT SIDE POSITION AND STOBE LIGHTS. OPS CHECKED GOOD. APPLIED A COAT OF EPOXY TO SEAL THE COMPOSIT. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/ LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

9-17-19
DATE

CARRIED FORWARD

ENTRIES. DR

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11771 21-September-2019 WO# 9457/1 HOBBS 3742.1
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2871.6
 AFTT 2871.6

LICENCE
NUMBER

Pg 1 / 2

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST. REMOVED COWLING AND INSPECTED ENGINE USING A CHECKLIST PREPARED IN REFERENCE WITH FAR 43 APPENDIX D.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE:2896.6
 REPLACED WORN BUSHINGS IAW 32-20. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 TIGHTENED BONING WIRE. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 REPOSITIONED LINE AND INSTALLED CHAFF PADDING. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 CLEANED RESIDUAL RAM ACFT ENGINE NO LEAKS NOTED AT THIS TIME IAW 71-00. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 REPLACED WORN BUSHING IAW 32-40. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 REPAIRED BONDING WIRE IAW 20-30. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 STOPPED DRILLED CRACKS IAW 51-00. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 REPLACED BUSHING IAW 32-40. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
 REMOVED WORN LININGS AND INSTALLED NEW LININGS THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM CHAPTER 32.
 REMOVED WHEEL AND REMOVED WORN BRAKE DISK. INSTALLED NEW BRAKE DISK AND TORQUED BOLTS TO 150INLBS. REINSTALLED WHEEL. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM CHAPTER 32.
 REPLACED LH NOSE BAGGAGE COMPARTMENT WORN HINGES, THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11771 21-September-2019 WO# 9457/1 HOBBS 3742.1
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2871.6
 AFTT 2871.6

Pg 2 / 2

REMOVED AND INSTALLED NEW R/H CHECK VALVE. THIS WORK WAS PERFORMED IN REFERENCE TO DIAMOND DA20-C1 AMM CHAPTER 28.
 DRAINED OIL SUMP AND GEARBOX OIL. CHANGED OIL FILTER, FUEL FILTER AND GEARBOX FILTER. SERVICED LEFT AND RIGHT ENGINES WITH 6 LITRES OF ULTRA DIESEL 10W40 EACH. SERVICE LEFT AND RIGHT GEARBOXES WITH 1 LITRE OF CENTURION N1 GEARBOX OIL EACH.

INSPECTED PROPELLER USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND INSPECTION CHECKLIST.

I CERTIFY THAT THIS AIRCRAFT/ENGINE/PROPELLER HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA 81-WEEKLY: 2019-19 AND ARE CURRENT AS OF THIS DATE.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JOSEPH ELLIOTT

CRS9X3R785C
 CERTIFICATE #

9-21-2019
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11797 23-September-2019 WO# 9493 HOBBS 3763.1
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2886.4

Pg 1 / 1

FOUND WIRE PULLED OUT OF TERMINAL END. INSTALLED NEW TERMINAL AND RE-INSTALLED. OPS CHECK OK. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
 CERTIFICATE #

9/23/19
 DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11807 24-September-2019 WO# 9501 HOBBS 3773.3
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2893.6

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE:3798.3.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
 CERTIFICATE #

9/24/19
 DATE

AIR TIME AND

DATE

BROUGHT
FORWARD

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11838 26-September-2019 WO# 9522 HOBBS 3788.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2911.7

Pg 1 / 1

REMOVED NOSE TIRE AND INNERTUBE, INSTALLED NEW TIRE P/N 5.00-5-10PLY SN 90362217, INSTALLED NEW INNER TUBE P/N GL-5067. REINSTALLED WHEEL ON AIRCRAFT. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM CHAPTER 32.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

09-26-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11840 27-September-2019 WO# 9524 HOBBS 3801.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2914.0

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2939.0.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #

9-27-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11864 29-September-2019 WO# 9539 HOBBS 3829.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2933.7

Pg 1 / 1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2958.7.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

9/29/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 11878 30-September-2019 WO# 9556/H HOBBS 3847.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2945.6

Pg 1 / 1

INSTALLED NEW RH AFT NAV LIGHT. OPS CHECK OK. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

10-1-19
DATE

CARRIED FORWARD

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11899 03-October-2019 WO# 9569 HOBBS 3857.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2951.8

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED
CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2976.8.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR/TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #10-3-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11913 04-October-2019 WO# 8963 HOBBS 3859.5
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2951.8

Pg 1/1

GROUND RAN AIRCRAFT AND PERFORMED ALTERNATOR TEST, RT ALTERNATOR AMPS INCREASE LFT ALTERNATOR
DECREASES, SWAPPED ALTERNATOR SWITCHES AND LFT ALTERNATOR AMPS INCREASE RT ALTERNATOR
DECREASES, VOLTAGE REMAINS AT 29 FOR BOTH ALTERNATORS. OPS CHECKS NORMAL. THIS WORK WAS
PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM CHAPTER 24.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #10-04-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11927 06-October-2019 WO# 9583 HOBBS 3875.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2964.7

Pg 1/1

REMOVED LH MLG TIRE ASSY AND REPLACED OLD TIRE WITH NEW TIRE P/N 156E6681 SN 60855794.
REMOVED AND REPLACED LH FWD NAV LIGHT.
THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #10-07-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 11968 12-October-2019 WO# 9601 HOBBS 3886.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2971.5
AFTT 2971.5

Pg 1/1

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING
A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.
COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. CRACK FOUND ON LH ENGINE EXHAUST
CLAMP, REMOVED CRACK CLAMP AND INSTALLED NEW EXHAUST CLAMP. INSTALLED CLAMPS IAW DIAMOND
AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2996.5.

REPLACED ENGINE AIR FILTERS. NEXT DUE 200 HOURS TACH TIME 3171.5 THIS WORK WAS PERFORMED IN
ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

REMOVED AND DISASSEMBLE RH MAIN WHEEL. REPLACED WORN TIRE P/N 156E66-4 S/N 83082039 WITH NEW
TIRE P/N156E66-4 S/N 91432130. REASSEMBLED WHEEL AND TORQUED BOLTS TO 150INLB. THIS WORK WAS
PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

REPLACED LIGHT BULB OPS CHECK GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1
AMM.

REPAIRED BONDING WIRE. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM CHPT 27
REMOVED AND DISASSEMBLE LH MAIN WHEEL. REPLACED WORN TIRE P/N 156E66-4 S/N 60855794 WITH NEW
TIRE P/N 156E66-4 S/N 91402112. REASSEMBLED WHEEL AND TORQUED BOLTS TO 150INLB. THIS WORK WAS
PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

RH & LH BRAKE LININGS REPLACED. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM
CHPT 32-40

REPLACED O-RING SEALS AND BLEED BRAKES. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND
DA42-TD1 AMM CHPT 32-40

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JOE BLIOTT

CRS9X3R785C
CERTIFICATE #10-12-19
DATE

AIR TIME AND

DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12071 25-October-2019 WO# 9715 HOBBS 3914.6
N629SA S/N 42.AC011 DIAMOND DA42 TACH 2989.1

Pg 1/1

BROUGHT
FORWARD

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 2916.0.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

10-25-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12104 01-November-2019 WO# 9741 HOBBS 3932.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3091.4

Pg 1/1

STARTED LH ENGINE, COULD NOT DUPLICATE DISCREPANCY, OPS CHECK WAS GOOD. THIS WORK WAS PERFORMED IN REFERENCE WITH TECHNIFY RM-02-02.
REMOVED INOP RIGHT MAIN GEAR BULB AND INSTALLED NEW BULB FOR RIGHT MAIN GEAR LIGHT, OPS CHECK GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.
OPS CHECK ON CANOPY DOOR WAS GOOD, COULD NOT DUPLICATE DISCREPANCY. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERRENCE WILSON

CRS9X3R785C
CERTIFICATE #

11-1-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12134 03-November-2019 WO# 9761 HOBBS 3938.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3004.8

Pg 1/1

INSTALLED NEW IGNITION SWITCH P/N: 75705-01. OPS CHECK OK. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

11/3/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12145 04-November-2019 WO# 9770 HOBBS 3943.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3009.1

Pg 1/1

OPERATIONALLY CHECKED DOOR ANNUNCIATOR LIGHT WARNING ON G1000. NO PROBLEMS NOTED. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM 52-10-00.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

11-4-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12167 06-November-2019 WO# 9786 HOBBS 3948.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3011.9

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. REMOVED AND REPLACED ONE CRACKED CLAMP THE THE RH EXHAUST. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 3036.9.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

11-6-19
DATE

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12215 10-November-2019 WO# 9825/1 HOBBS 3981.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3035.2

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. REMOVED AND REPLACED ONE CRACKED CLAMP ON THE LH EXHAUST. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 3060.2

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #11-10-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12224 11-November-2019 WO# 9831 HOBBS 3986.9
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3038.8

Pg 1/1

R+R RH MLG WHEEL AND BRAKE ASSEMBLY. INSTALLED REBUILT MLG ASSY. PN:DA42 MAIN WHEEL ASSY, SN:9639-91432157. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM CHAPTER 32.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / BRAD BUFFINGTON

CRS9X3R785C
CERTIFICATE #11-11-19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12288 19-November-2019 WO# 9902 HOBBS 4016.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3059.8

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING rh/lh EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 3084.8.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #11/19/19
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12296 20-November-2019 HOBBS 4022.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3064.1

Pg 1/1

REPLACE LH EACH BRAKE LININGS THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM CHPT 32.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JOE ELLIOTT

CRS9X3R785C
CERTIFICATE #11-20-19
DATE

AIR TIME AND

DATE	DAILY TOTAL	TOTAL AIR TIME SINCE MFG.	ENGINEERING RECORD
Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C LOG ID# 12307 20-November-2019 WO# 8801 HOBBS 4022.3 N629SA S/N 42.AC011 DIAMOND DA42 TACH 3064.1			
			Pg 1/1

INSTALLED NEW RH BRAKE LININGS. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

11/20/19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11731 17-September-2019 WO# 9424 HOBBS 3726.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2861.6

Pg 1/1

CLEANED AND INSPECTED IMPACT AREA, DETERMINED NO DAMAGES WERE IN THE COMPOSITE. REMOVED AND REPLACED PILOT SIDE POSITION AND STOBE LIGHTS. OPS CHECKED GOOD. APPLIED A COAT OF EPOXY TO SEAL THE COMPOSIT. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

DATE

9-17-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 11826 25-September-2019 WO# 8925 HOBBS 3726.7
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 2861.6

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR LANE MITCHELL

CRS9X3R785C
CERTIFICATE #

DATE

9-17-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
 LOG ID# 12493 11-December-2019 WO# 9943 HOBBS 4027.6
 N629SA S/N 42.AC011 DIAMOND DA42 TACH 3066.1
 AFTT 3066.1

Pg 1/2

100 HOUR INSPECTION COMPLETED THIS DATE. OPENED AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST.

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING RH/LH EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 3091.1.

REMOVED LH WING TIP FOR COMPOSITE REPAIR, SENT WING TIP FOR REPAIR AT RMZ AVIATION CRS2RZR007C, AND RE-INSTALLED AFTER REPAIR. LIGHTS OPS CHECK OK. NO FURTHER ACTION REQUIRED.

INSTALLED NEW RH MLG TRAILING LINK BUSHINGS.

INSTALLED NEW SPRING RING TO GROMMET, CAMLOC FITS IN PLACE SECURE.

REMOVED RH PROPELLER PN:MTV-6-A-C-F, SN:06248 FOR REPAIR, AND INSTALLED OVERHAULED PROP. P/N: MTV-6-A-C-F S/N: 061235.

REPAIRED NOSE BAGGAGE PANEL BY BONDING CARBON STRIPS WITH COMPOSITE TO 2 DAMAGED AREAS. APPLIED VELCRO STRIPS OVER CARBON REPAIRS TO ADHERE PANEL TO BAGGAGE WALL.

INSTALLED ONE NEW VIBRATION ISOLATOR ON RH ENGINE RADIATOR.

INSTALLED NEW BONDING JUMPER ON LH MLG.

SET PPRV PRESSURES.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

12/11/19

out of order LM

out of order LM

ENGINEERING RECORD

38

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12529 14-December-2019 WO# 10067 HOBBS 4039.3
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3073.3

Pg 1/1

LICENCE
NUMBER

RAN PITCH TRIM SEVERAL TIMES AND FOUND FWD PITCH TRIM CLUTCH RELEASE BUTTON STICKING. CLEANED SWITCH, PITCH TRIM OPS CHECKS NORMAL.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

DATE

12-14-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12538 17-December-2019 WO# 10098 HOBBS 4050.4
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3081.2

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING RH & LH EXHAUST CLAMPS FOR CRACKS, NO CRACKS DETECTED IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 4075.4.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

DATE

12-17-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12582 22-December-2019 WO# 10136 HOBBS 4085.1
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3105.6

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING RH/LH EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 3130.6.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

DATE

12/22/19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12654 31-December-2019 WO# 10190 HOBBS 4114.8
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3127.2

Pg 1/1

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS DETECTED. RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 3152.2.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JEFF SIMON

CRS9X3R785C
CERTIFICATE #

DATE

12-31-19

Falcon Aviation Maintenance 95 E. Aviation Way Newnan, Ga 30263 9X3R785C
LOG ID# 12836 25-January-2020 WO# 10295 HOBBS 4131.7
N629SA S/N 42.AC011 DIAMOND DA42 TACH 3129.4

Pg 1/1

REMOVED RH WING AND REPLACED OUTBOARD FUEL QUANTITY PROBE pn: d60-2817-14-00. REINSTALLED WING. REFUELED AND OPS CHECKS GOOD. PERFORMED GROUND RUN AND OPS CHECKS GOOD.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

DATE

01-25-20

DATE REMOVED INTERIOR, DISCONNECTED, INSPECTED AND CLEANED ALL EFFECTED CANON PLUGS.
PLACED FANS IN BELLY OF A/C AND ALLOWED TO DRY OVERNIGHT.
REMOVED AND REPLACED RH/OUTBOARD FUEL QUANTITY PROBE. REMOVED RH WING AND RH FUEL TANK
ASSEMBLY.
INSTALLED NEW PROBE, P/N:D60-2817-14-00_1 INTO OUTBOARD TANK. REINSTALLED TANK ASSEMBLY AND
WING.
BROUG PERFORMED LEAK CHECK AND PERFORMED FUEL QUANTITY ACCURACY CHECK.
FORWA REPLACED FUEL FILLER ORING AND REINSTALLED FUEL FILLER SPACER, SEALING RING, GROUNDING LANYARD,
AND CAP.
REMOVED AND REPLACED LH ALTERNATOR FOR TROUBLESHOOTING-NO CHANGE-INSTALLED ORIGINAL ALTERNATOR
SWAPPED LH/RH REGULATORS-NO CHANGE
CHECKED ISOLATION DIODES ON LH/RH ALT RELAYS-DIODES OK
CHECKED ALL SYSTEM CONNECTORS AND CONNECTIONS
ATTACHED SERVICABLE MAIN BATTERY - NO CHANGE(SERVICABLE BATTERY WAS BAD)- SWAPPED BACK
TEMPORARLY INSTALLED NEW BATTERY - NO CHANGE
SWAPPED RH ALTERNATOR WITH SERVICABLE - NO CHANGE - REINSTALLED ORIGINAL ALT
REPLACED ALTERNATOR INLINE PICO FUSE RAN ACFT OPS CHECK GOOD

THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JOE ELLIOTT

CRS9X3R785C
CERTIFICATE #

1-16-2020
DATE

ADJUSTED RH MLG GEAR UP MICROSWITCH, OPS CHECK GOOD.

REPAIRED BROKEN WIRE ON COPILOTS PTT SWITCH. OPS CHECKS GOOD.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #

01-25-20
DATE

CHARGED BATTERY, PERFORMED GROUND RUN UP AND OPS CHECK GOOD. INSPECTED AND SERVICED RH BRAKE
SYSTEM. BLEED SYSTEM OF AIR. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM
CHAPTER 32.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / MARK JOHNSON

CRS9X3R785C
CERTIFICATE #

1/26/20
DATE

COMPLIED WITH AD 2018-10-10 PAR. (G)(5) BY REMOVING AND INSPECTING EXHAUST CLAMPS FOR CRACKS
AND HARDWARE FOR WEAR IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.3 ACTION-3. NO CRACKS
DETECTED IN CLAMPS. REPLACED WORN HEX SCREWS P/N LN9037-M6X16 ON LT AND RT ENGINES.
RE-INSTALLED CLAMPS IAW DIAMOND AIRCRAFT WI-MSB 42-120 REV.4 III.2 NEXT DUE: 3176.2

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT
THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / TERENCE WILSON

CRS9X3R785C
CERTIFICATE #

1-31-2020
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 12985 14-February-2020 WO# 10428 HOBBS 3151.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 4164.0

Pg 1/1

REMOVED RH WING, REMOVED RH FUEL TANK. REMOVED FUEL PROBE PN:D60-2817-14-00, INSTALLED NEW FUEL PROBE PN:D60-2817-14-00. REINSTALLED RH FUEL TANK. REINSTALLED RH WING. REMOVED GEA71 PN:011-00831-00 SN:46704461 INSTALLED GEA71 (REMOVED FROM N888UB), PN:011-00831-00 SN:45785898. REPROGRAMMED GEA71 AND RECALIBRATED FUEL PROBE. REFUELED RH TANK AND LEAK CHECKS GOOD. THIS WORK WAS PERFORMED IN ACCORDANCE WITH DIAMOND DA42-TD1 AMM AND GARMIN G1000 I.C.A.

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #02-14-20
DATE

Falcon Aviation Maintenance 95 E. Aviation Way Newman, Ga 30263 9X3R785C
LOG ID# 12990 15-February-2020 WO# 10503 HOBBS 3151.2
N629SA S/N 42.AC011 DIAMOND DA42 TACH 4164.0

Pg 1/1

REMOVED RH BRAKE CALIPER AND REPLACED BOTH PUCK O-RINGS AND REINSTALLED CALIPER, BLED AND SERVICED WITH BRAKE FLUID.

REMOVED AND REPLACED BOTH WORN RH AND LH BRAKE LININGS WITH NEW

THE AIRCRAFT OR APPLIANCE (S), ARTICLE IDENTIFIED ABOVE WAS MAINTAINED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE REFERENCED WORK ORDER NUMBER.

INSPECTOR / JAMES PATTERSON

CRS9X3R785C
CERTIFICATE #02-15-20
DATE

Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 1716 01-June-2020 WO# 51580/1 REF# 51580 AC TT 3151.4
N629SA S/N 42.AC011 DIAMOND AIRCRAFT IND DA 42 TACH 3151.4

Pg 1/2

ANNUAL INSPECTION COMPLETED THIS DATE. OPEN AIRCRAFT INSPECTION PANELS AND INSPECTED USING A CHECKLIST PREPARED IN REFERENCE WITH DIAMOND DA42 MAINTENANCE CHECKLIST. TEST ELT PER FAR91.207. NEXT BATTERY REPLACEMENT DUE JAN 2024.

REMOVED AND REPLACED EMERGENCY BACK UP BATTERY PN: D60-2560-91-00. NEXT REPLACEMENT DUE 2 YEARS TIME IN SERVICE. OPERATIONAL CHECK GOOD. WORK PERFORMED IN REFERENCE WITH DA42 AMM.

INSTALLED NEW RH A/P DISCONNECT SWITCH P/N MB2061SSW01-CC. ALL WORK PERFORMED IAW DA42 AMM.

PILOT STATED THAT RH ALTERNATOR IS INOP. TROUBLESHOT RH ALTERNATOR AFTER ENGINE CHANGE. FOUND THAT RH ALTERNATOR WILL NOT PICK UP LOAD. SWAPPED VOLTAGE REGULATORS- NO CHANGE. CHECKED ALT FIELD VOLTAGE. CHECKED ACCURACY OF G1000 AMP AND VOLTAGE SENSORS OF LH AND RH SIDE. DIAMOND TECH REP SUGGESTS TO TRY ALTERNATOR REGULATORS FROM ANOTHER PLANE- NO CHANGE. CHECKED ALL WIRING IN ELECTRICAL SYSTEM. FOUND TWO J2443 AND J2442 HARNESSES EXIST IN LH AND RH NACELLE. WIRED LH VOLTAGE REGULATOR TO CORRECT HARNESS. GROUND RAN- ALTERNATORS NOW SHARE LOAD EVENLY. ALL WORK IAW DA42 AMM.

INSTALLED NEW LH AND RH KX-125 FUEL FILTERS PER AMM CHAPTER 4 100 HOUR LIMITATION. BLED FUEL SYSTEM, GROUND RAN. NO DISCREPENCIES NOTED AT THIS TIME. ALL WORK IAW DA42 AMM.

FABRICATED NEW BONDING STRAP TO LH MAIN LANDING GEAR. ALL WORK IAW DA42 AMM AND FAA AC 43.13.

ORDERED NEW AFM 7.01.05-E DA42 AND PLACED IN AIRCRAFT.

INSTALLED THE FOLLOWING MISSING PLACARDS: DA4-1123-20-07 EMERGENCY EXIT, D60-1131-20-28 FUEL INDICATOR, D60-1131-20-29 FUEL TEMP, AND (2) D60-1124-20-22 JET A 1 AT NACELLE AUX TANK. ALL WORK IAW DA42 AMM.

REMOVED MAP/DOME LIGHT ASSEMBLIES, CLEANED CONTACTS. WORK DONE IN REFERENCE WITH DA 42 TDI AMM.

FOUND BROKEN WIRE TO RH ICE LIGHT. RE-SOLDERED BROKEN WIRE. OPS CHECK OK. ALL WORK IN REFERENCE WITH DA 42 TDI AMM.

REPLACED LH SEAT HEAT DUCT UNDER SEAT. ALL WORK IN REFERENCE WITH DA 42 AMM.

INSTALLED RUDDER TRIM HINGE PIN PN: 04_050_19_20_2. WORK PERFORMED IN REFERENCE WITH DA 42 TDI AMM.

TOPPED OFF TANK WITH TKS FLUID. ALL WORK IN REFERENCE WITH DA 42 TDI AMM.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN REFERENCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA AND ARE CURRENT AS OF THIS DATE.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 2LOR017D
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE

2LOR017D
CERTIFICATE #6-1-2020
DATE

MAKE Diamond
MODEL DA-42
S/N 42 AC011
REG NO 629SA
WORK ORDER
8962-06-2020



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

DATE: 10/15/2020
A/C TSN: 3155 6
FLIGHTTIME: 3155 6

TRIES. DRAW

Airframe Entries

- (2) PERFORMED PRE BUY EVALUATION AND PROVIDED CUSTOMER WITH LIST OF DISCREPANCIES.
(7) C/W AD 2017-18-10 FLAP ACTUATOR BELLCRANK INSP SUPERSEDED BELLCRANK INSTALLED WHICH IS A TERMINATING ACTION
(8) C/W CH 4 1000 HR BONDING SYSTEM CHECK USING EQUIPMENT EXTECH INST 380360 S/N 040601421 AND MILLIOMETER P/N M0-2002 S/N 66044 04 BONDING TEST PASSED AT THIS TIME
(9) REMOVED LH AND RH ENGINE EXHAUST TAILPIPE SUPPORT BRACKET IAW WI-MSB-42-120.
(10) C/W DIAMOND MSB-42-140/1 MLG AXLE REPLACEMENT FOR LH & RH MLG MEASURED AXLES AND FOUND AFFECTED PART NOT INSTALLED
(11) C/W DIAMOND MSB-42-138 REPLACEMENT OF FUEL TANK CONNECTION HOSES ON LH & RH WINGS. INSTALLED HOSES ARE NOT FROM AFFECTED BATCH
(17) C/W 2 YR MAGNETIC COMPASS CALIBRATION IAW AC43-215 AND PROVIDED COMPASS CARD
(21) C/W 8 YR FUEL TANK INTERCONNECT HOSES REPLACEMENT IAW DA42 TDI AMM CH 28-10. NO LEAKS NOTED AT THIS TIME
(23) ADJUSTED ELEV TRIM WHEEL FRICTION IAW DA42 TDI MM CH 27-39 OPS CHECKED GOOD
(25) REMOVED REAR CABIN DOOR AND REPAIRED ATTACH HINGE IAW RAM-42-131/B. RE INSTALLED DOOR & PAINTED REPAIR AREA TO MATCH IAW DA42 TDI MM CH 52-10.
(27) REPAIRED SMALL SURFACE AREA OF LH FLAP TOP INBD SECTION IAW DA42 AMM CH 51-20.
(28) SECURED GROUND ON RH AUX FUEL TANK PUMP OPS CHECKED GOOD
(30) REPLACED RH WING FUEL TANK DRAIN WITH NEW PN CAV-190 IAW DA42 TDI MM CH 28-10.
(31) CLEARED WINDSHIELD DE-ICE SPRAY NOZZLE TUBE AND PERFORMED SPRAY TEST IAW DA42 TDI MM CH 30-00-00 OPS CHECKED GOOD
(33) CLEARED RH WING TKS PANELS AND TESTED TKS SYSTEM FLOW IAW DA42 TDI MM CH 30-00-00 OPS CHECKED GOOD AT THIS TIME

2 of 3

- (34) RECONFIGURED G1000 OPTION FOR TKS DE-ICE SYSTEM AS PER GARMIN/DIAMOND G1000 DA-42 MAINT MANUAL. DE-ICE FLUID LEVEL INDICATION CHECKED GOOD.
(35) SERVICED LH AND RH MLG DAMPERS WITH NITROGEN IAW DA42 TDI MM CH 32-10.
(36) REMOVED RH WING FUEL SELECTOR VALVE PN EFS20-20-D2-6M AND INSTALLED NEW SELECTOR VALVE PN EFS20-20-D-M, SN 45745 IAW DA42 AMM CH 28-20. OPS AND LEAK CHECKED GOOD AT THIS TIME
(37) REPLACED LH WING FLAP CONTROL TUBE GUIDE ROLLERS AT CENTER SECTION WITH NEW PN DS-RG3 AND RE INSTALLED WING IAW DA42 AMM CH 57-10 & CH 27-50.
(38) REPLACED RH WING FLAP CONTROL TUBE GUIDE ROLLERS AT INBD SECTION WITH NEW DS-RG3 AND RE INSTALLED WING IAW DA42 AMM CH 57-10 AND CH 27-50.
(39) REPAIRED AND RE INSTALLED RH TKS SLIP RING NOZZLE IAW DA42 TDI MM CH 30-00.
(44) REPAIRED SMALL SURFACE AREA OF VERTICAL STAB LH SIDE TOP SECTION AND PAINTED TO MATCH IAW DA42 TDI MM CH 51-20.
(45) REPLACED HYDRAULIC POWER PACK RESERVOIR FLUID AND SERVICED WITH NEW 5606 HYDRAULIC FLUID IAW DA42 AMM CH 29-10.
(46) REPLACED REAR CABIN DOOR EXTERIOR WARNING PLACARDS WITH NEW PN DA4-1123-10-06_1 AND DA4-1123-20-07 IAW DA42 TDI MM CH 11-20.
(47) RE SECURED NLG ACTUATOR ROD END IAW DA42 TDI MM CH 32-30 & AC43.13-1B CH 7.
(48) REPLACED NLG LEG GROUND STRAP WITH NEW IAW AC43 13-1B CH 11.
(49) RE PAINTED LH AND RH COWLINGS WITH FIRE RETARDANT IAW DA42 TDI MM CH 71-00.
(51) PURGED DE-ICING SYSTEM IAW DA42 TDI MM CH 30-00-00. OPS CHECKED GOOD.
(53) REPLACED PILOT MAP LIGHT BULB WITH NEW PN OSR2845 AND CLEANED CONTACTS IAW DA42 TDI MM CH 33-10 OPS CHECKED GOOD.
(55) RE POSITIONED LH AND RH AILERON GROUND STRAPS IAW DA42 TDI MM CH 57-60.
(56) REPLACED LH AND RH FLAP INBD AND OTBD GROUND STRAPS WITH NEW PN BW1-814-RB8-RB6-100 IAW DA42 TDI MM CH 57-50.
(62) REPLACED COM#1 ANTENNA WITH NEW P/N AV529 AND COM#2 ANTENNA WITH NEW P/N DMC63-2 IAW DA42 TDI MM CH 23-10-00 GROUND OPERATIONAL CHECKED GOOD.
(63) REPAIRED SMALL SURFACE SECTION OF CABIN REAR DOOR LOWER FRAME IAW DA42 TDI MM CH 51-00.
(66) RESEALED LH AND RH WING TKS PANELS AS REQUIRED
(75) REMOVED LH ENGINE FRONT COOLANT PIPE AND SEND TO SHOP FOR REPAIR AND RE INSTALLED AFTER REPAIR BY PLANE EXHAUST (UNDER INVOICE #23679) IAW DA42 TDI MM CH 75-00. NO LEAKS NOTED AT THIS TIME.

3 of 3

- (76) REPLACED RH ENGINE FRONT COOLANT PIPE WITH NEW PN 52-7520-H002501 AND ELBOW PN NM-000-0056901 IAW DA42 TDI MM CH 75-00. NO LEAKS NOTED AT THIS TIME.
(80) REPLACED MAIN BATTERY COVER NUTPLATES AND INSTALLED COVER IAW DA42 TDI MM CH 24-31 AND AC43 13-1B CH 7.
(81) REPLACED SEVERAL SCREWS ON RH WING TIP IAW AC43 13-1B CH 7.
(85) REPLACED RH WING ATTACH REAR STUD BOLT AND BEARING WITH NEW P/N DA4-5710-00-62 AND P/N SSCP10 IAW DA42 TDI MM CH 57-10.
(86) REMOVED RH AND LH AILERON CONTROL SURFACE PUSH RODS, TREATED WITH PRIMER AND PAINTED IAW AC43 13-1B CH 7.
(87) REPAIRED LH AND RH BOTTOM COWLINGS AIR INLET SECTION IAW DA42 TDI MM CH 51-00.
(88) REPLACED RH ENGINE COOLANT PIPE SUPPORT CLAMP WITH NEW PN RSGU1 28_15W1 IAW DA42 TDI MM CH 75-00.
(90) REPLACED LH ENGINE COOLANT RADIATOR SHOCK MOUNTS WITH NEW P/N NM-0000-0023101 (3 EA) IAW DA42 TDI MM CH 75-00.
(91) REPLACED BONDING STRAPS ON LH AND RH FLAP AND AILERON BELLCRANKS IAW DA42 TDI AMM CH 27-10 & 27-50.
(92) PERFORMED PITOT STATIC LEAK TEST IAW DA42 TDI MM CH 34-10-00. NO LEAKS FOUND.
(93) REMOVED & REPLACED ONE NUT PLATE ON BOTTOM RH WING TIP IAW AC 43.13-1B CHAP 7.

DATE 10/15/2020

SIGNED

EMMANUEL VICIOSO
CRS 9PFR028

Work Order: 8962-06-2020

Printed by EBis 3 (datcomedia.com)

DATE

MAKE Diamond
MODEL DA-42
S/N: 42 AC011
REG. NO. 629SA
WORK ORDER:
8962-06-2020



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33308
Phone: (954) 334-2393

DATE: 10/15/2020
AC TSN: 3155.8
FLIGHTTIME: 3155.8

BROUGHT
FORWARD

Airframe Entries

(95) CORRECTED PREVIOUS INSTALLATION OF GARMIN GTX345R TRANSPONDER WITH INTERNAL GPS POSITION SOURCE FOR ADS-B OUT COMPLIANCE. REMOVED GPS SPLITTER AND REPLACED COM1 ANTENNA WITH CI-2580-200 DUAL BAND VHF/WAAS GPS ANTENNA FOR ADS-B SOURCE. C/W GARMIN SB 1964 REV A SOFTWARE UPDATE GTX3X5 SOFTWARE UPDATE VS 2.54. RECONFIGURED G1000 SYSTEM INTERFACE. PERFORMED TRANSPONDER GROUND CORRELATION CHECK. NO FAULTS NOTED.

DATE: 10/15/2020

SIGNED:

RAYMOND OCASIO
CRS 9PRR402B

Work Order: 8962-06-2020

Printed by EBis 3 (datcomedia.com)

MAKE Diamond
MODEL DA-42
S/N: 42 AC011
REG. NO. 629SA
WORK ORDER:
8962-06-2020



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33308
Phone: (954) 334-2393

DATE: 10/20/2020
AC TSN: 3156.1
FLIGHTTIME: 3156.1

Airframe Entries

(96) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY RYAONEIL ROSS. RATED PILOT CERTIFICATE # 3783428 PER 14 CFR 91.407. DISCREPANCIES THAT FOLLOW WERE FOUND DURING THE RTS FLIGHT AND WILL BE LISTED ON THIS WORK ORDER.
(99) REPLACED INSTRUMENT LIGHT POTENTIOMETER WITH NEW P/N KKS3U5021R24 AND INSTRUMENT LIGHT INVERTER WITH NEW P/N APVL328-4-1-L-15QF IAW DA42 TDI MM CH 33-10-00
(101) REPLACED MAIN BATTERY WITH NEW P/N RG24-15M S/N 41111427 IAW DA42 TDI MM CH 24-31-00 OPS CHECKED GOOD.

DATE: 10/20/2020

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 8962-06-2020

Printed by EBis 3 (datcomedia.com)

Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42AC011

N629SA

4144 Aviator Rd, Suite 100
Lexington, KY 40510

Maintenance Record (Airframe)

TTA: 3187.6
Tach: 3187.6
Hobbs: 4244.3

Date 11/20/2020

Workorder reference: 1727

Cleaned and tightened right fuel tank electrical connectors. Right fuel gauge ops check good.

Israel Torres
A&P 3763415

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Maintenance Record (Airframe)

Date: 2/8/2022
TTA: 3192
Tach: 3192
Hobbs: 4252

After inspecting the aircraft using procedures put out by Continental Aerospace Technologies, DA42 AMM, and talking with Continental tech reps the aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit: 08 February 2021.

Israel Torres
A&P 3763415

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

SIGNATURE

LICENCE
NUMBER

Reg: N629SA
Make/Model: Diamond DA42
Serial No: 42.AC001



Date: 11/3/2021
AFTT Hobbs: 4264.5
Engine Tach: 3199.0

Continental Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

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

Work Performed: LH and RH engines were removed with engines looms. Engines and looms were reinstalled after repair by Continental Aerospace Technologies GmbH. COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH THE SCOPE AND DETAIL OF THE ITEMS LISTED IN 14 CFR 43 APPENDIX D USING THE DIAMOND AIRCRAFT INDUSTRIES DA42 SERIES AMM MAINTENANCE PRACTICES CHECKLISTS AS A GUIDE. Replaced fuel filter elements. Replaced ECU backup batteries. Next due 11/2022. Inspected **ELT** in accordance with FAR Section 91.207(d). AD notes checked through ATP Content Update 11/3/2021. Completed ground operational checks. ---END---

Authorized Signature for Repair Station 9CER853B: *John B. Dick*

Details of the work performed are on file under Work Order No. **AO-10387**

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42.AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 11/10/2021
TTA: 3192.4
Tach: 3192.4
Hobbs: 4252.0

Maintenance Record (Airframe)

Workorder reference: 1975

R&R RH overhead lamp with new lamp P/N# DSR2845. Ops check good.
Installed proper safety wire on emergency switch cover.

Kaleb Wade
A&P 4529292

Kaleb Wade

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42.AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 3/28/2022
TTA: 3297.9
Tach: 3297.9
Hobbs: 4408.2

Maintenance Record (Airframe)

Workorder reference: 2033

Performed **100-hour** inspection in accordance with FAR Part 43 Appendix D, using Diamond Aircraft DA42 Series AMM Maintenance Checklist Airframe 05-28-50 as a reference. Checked ADs through bi-weekly issue 2022-06. Complied with AD 2021-22-03. Replaced L/H wingtip position lamp and lens, ops check good. Replaced G1000 PFD baro knob with used serviceable unit. Replaced pilot seatbelt with new unit P/N 5-01-1C0701. Cleaned alternator switches. Cleaned pilot trim switches. Replaced (2) flap indicator lamps, P/N T4 6 24-20, ops check good. Resecured wire bundles beneath pilot seat. Tightened rudder trim knob. Tightened R/H cockpit air vent. Rebonded 2 cable tie anchors beneath copilot seat. Repaired R/H fuel sump cover panel. Repaired TKS tank air vent cap. Adjusted and repaired chafe area on fwd baggage doors IAW Chapter 51 of DA42 AMM. Replaced packings in pilot and copilot L/H and R/H brake master cylinders, bled brakes, ops check good. Replaced pilot L/H toe brake pedal with used serviceable unit, P/N 22-2723-81-00. Tightened fuel temp sensor in L/H inboard wing tank, defueled L/H tanks, replaced packings in sump, detached wing, checked for leaks, none found, reinstalled wing per DA42 AMM 57-10-00, replaced wing gap seal. Replaced SCAT tube in R/H outboard engine nacelle access panel. Serviced nose strut per DA42 AMM 32-20-00. Removed corrosion and repainted pitot tube mast. Repaired surface damage near L/H and R/H jack points, repainted. Repaired chafing under tail fairing. Replaced sealant around stub wing root adjacent to fuselage IAW DA42 AMM, P/N MS 9380. Replaced R/H fuel cap Jet A placard IAW DA42 POH, P/N D4D-1127-20-22_1. Lubricated cabin heat and defrost mechanisms. Replaced R/H MLG door hinges, P/N DS-HI4-A-RH-C1, adjusted door, ops check good. Replaced L/H MLG door hinges, P/N DS-HI4-A-LH-C1, adjusted door, ops check good. Replaced & soldered PTT switch on pilot control stick, P/N 1831-1202, ops check good. Replaced pilot seat inboard aft bracket attach bolt, P/N ISO7380-M5X14-A2. Work completed 03-28-2022, Aircraft Total Time in service: 3297.9. I certify that this airframe has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Kyle Mickelwait *Kyle Mickelwait* A&P 3509378

---END---

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 5/4/2022
TTA: 3335.6
Tach: 3335.6
Hobbs: 4461.0

Maintenance Record (Airframe)

Workorder reference: 2062

Defueled and removed L/H wing in accordance with DIAMOND DA-42 maintenance manual. Cleaned low fuel warning sensor pipe threads. Cleaned threads on fuel temp sensor, reinstalled with new gasket. Diamond P/N DIN7603A-12X18X1 SCU. Tightened and aligned sensors in accordance with DIAMOND DA-42 maintenance manual. Reinstalled and refueled wing in accordance with DIAMOND DA-42 maintenance manual. Ops check good.

Work Completed 05-04-2022 Kyle Mickelwait *Kyle Mickelwait* A&P 3509378
END

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 5/12/2022
TTA: 3359.8
Tach: 3359.8
Hobbs: 4492.3

Maintenance Record (Airframe)

Workorder reference: 2067

Replaced Left white position lamp P/N 34-0428070-64 in accordance with Diamond Aircraft DA 42 maintenance manual. Operational check good.

Work completed 05-12-2022 Kyle Mickelwait *Kyle Mickelwait* A&P 3509378
END

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 5/31/2022
TTA: 3376.4
Tach: 3376.4
Hobbs: 4515.9

Maintenance Record (Airframe)

Workorder reference: 2077

Replaced L/H white position lamp with new P/N 34-0428070-64. Ops check good.

Work completed 05-31-2022 Kyle Mickelwait *Kyle Mickelwait* A&P 3509378
END



Going your way every day since 1957
Aircraft Logbook Entry

Date: 7-22-2022
TSMOH:

Aircraft: N629SA
TTAF: 3396.2

SN: 42AC011
Tach: 3396.2

100/200/Annual inspection completed this date. Main aircraft battery capacity test completed, passed at 91%. Complied with Fuel filter element replacement. Complied with high pressure fuel filter element replacement. Inspected the ELT in accordance with FAR91.207D. Tightened fittings on left wing fuel tank and cleaned stains. Replaced brake pads on both main gear with new p/n 066-10500. Adjusted multiple clamps in right engine bay for chaffing. Replaced two broken band clamps in right engine bay with new. Replaced flap end plugs with new p/n GPN320GL10. Replaced pilot control stick placard with new p/n D41-1133-12-25. Replaced canopy placard with new p/n D60-1133-10-05_1. Replaced emergency battery with new p/n DA4-2560-91-00. Battery due next: 7-30-2024. Replaced right aft nav bulb with new p/n A508-28. AD's checked thru CD2022-14. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Ryan H A&P32964741A

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

SCALE CORRECTION

ALT S/N 395995

Master	Altimeter	Master	Altimeter
-1000	-990	6000	6010
0	20	8000	8010
500	520	10000	10000
1000	1000	12000	11990
1500	1515	14000	13990
2000	2020	16000	15965
3000	3010	18000	17970
4000	4020	20000	19960

Checked By *Ryan H* Date: 7/20/22

SCALE CORRECTION

ALT S/N 47806549

Master	Altimeter	Master	Altimeter
-1000	-1000	6000	6000
0	0	8000	8000
500	500	10000	10000
1000	1000	12000	12000
1500	1500	14000	14000
2000	2000	16000	16000
3000	3000	18000	18000
4000	4000	20000	20000

Checked By *Ryan H* Date: 7/20/22

Performed Biennial check required by FAR 91.413
On GTX345R Transponder system
#1 S/N 3EH421036 #2 S/N _____
Specifications were met per Part 43 Appendix F
and were recorded on W O # 22-243
Ron Collins Aviation Electronics Henderson, KY
FAA Repair Station # PG2R082L

7/20/2022

Date

I Certify the Altimeter and Static System tests
required by FAR Part 91.411 have been performed

#1 Altimeter was tested to 20 K feet on 7/20/22

#2 Altimeter was tested to 20 K feet on 7/20/22

#1 Data correspondence to 20 K feet on 7/20/22

#2 Data correspondence to 20 K feet on _____

Ron Collins Aviation Electronics Henderson, KY

Faa Repair Station # PG2R082L

W O # 22-243

7/20/2022

Date



Going your way every day since 1957
Aircraft Logbook Entry

Date: 7-22-2022
TSMOH:

Aircraft: N629SA
TTAF: 3396.2

SN: 42AC011
Tach: 3396.2

Complied with AD2018-10-10 by inspection of the exhaust clamps on both engines. Complied with AD2021-22-03 by inspection of the nose gear actuator attach point. No defects noted.

A&P3296474IA

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 10/24/2022
TTA: 3433.9
Tach: 3433.9
Hobbs: 4605.6

Maintenance Record (Airframe)

Workorder reference: 2217

MLG RH tire and tube popped. R&R RH tire with new tire P/N# 301-249-006 and R&R tube with new tube P/N# GL-1520B. Inspected landing gear for discrepancies, none noted. All work was performed IAW Diamond DA42 AMM. Kaleb Wade Kaleb Wade A&P 4529292-----END-----

Reg: N629SA
Model: DIAMOND AIRCRAFT IND DA 4:
SN: 42AC011

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 11/7/2022
TTA: 3441.3
Tach: 3441.3
Hobbs: 4617.0

Maintenance Record (Airframe)

Workorder reference: 2229

MLG LH tire worn. R&R tire with new tire P/N# 301-249-006, and R&R tube with new tube P/N# GL-1520B. Ops check was good. All work was performed IAW Diamond DA42 AMM. Kaleb Wade Kaleb Wade A&P 4529292-----END-----

L52-2375