

CONTINENTAL- CD-135 CENTURION 2.0

RH ENGINE 570
02-02-01887

TAE 125-02-99

Log ~~A~~ Book

Dec 19, 2007 - Present

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

RIGHT

ENGINE LOG

1. Make THIELERT AIRCRAFT ENGINES GmbH
2. Model TAE 125-02-99
3. Specification E00069EN
4. Manufacturer's Serial Number 02-02-01887
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____

CONTINENTAL CD-135

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →			0	0	RH ENGINE INSTALLED NEW ON DA 42 S/N
					Engine installation inspected I.A.W. Diamond Aircraft Industries Inc. CIG.001 DA 42
					Engine Break-in performed by Thielert Aircraft Engines GmbH.
					Engine service with 8 qts. of Aero Shell Oil Diesel 10W-40 eng. oil.
					Five-hour Engine Check (TAE) carried out I.A.W. Doc No. 7.02.01,
					DA 42 AMM and applicable Diamond Aircraft Industries Inc. released Work Orders
					INSPECTOR  DA Q 42
					FLIGHT TEST COMPLETED
EC19 2007			5.0		HOURS BROUGHT FORWARD

Right Engine Model: TAE 125-02-99 Right Engine S/N: N767SA 02-02-01887 S/N 42.AC109
 Engine Total Time: 103.7 Aircraft Total Time: 103.7 Date: 3/12/2008

Performed a 100 Hour Inspection in accordance with the Diamond DA 42 Series Aircraft Maintenance Manual. Changed engine oil and filter. Collected sample. Serviced 6 liters Aeroshell Diesel 10W/40 engine oil. Changed gearbox oil and filter. Collected sample. Serviced 1 liter Shell EP75W-90 gear box oil. Replaced the fuel filter element and bled the fuel system in accordance with the DA42 AMM, Chapter 28. Performed Coolant System Pressure Test in accordance with the DA42 AMM, Chapter 75. Complied with Thielert Service Bulletin TM TAE 125-1005 P1, Rev. 2. Replaced high pressure fuel lines on Lt and Rt Engines and installed fuel line brackets as terminating action for EASA Emergency Airworthiness Directive # 2008-0056-E. Washed engine. Engine leak and operational check normal. AD's checked through Tdata release # 2008-04.

THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER S.O. # LS08-1053.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

AUTHORIZED SIGNATURE: Michael S. Herbert AP3153561HA



2881 E. Spring Street, Long Beach, CA 90806
 Office: 562-981-6064 Fax: 562-981-6071

ORIGINAL located "Airframe" section

N767SA
 Total Time
 103.7

SN: 42.AC109
 Tach Time:
 103.7

DA42
 Date
 3/12/2008

Complied with FAA Emergency AD 2008-06-52, dated March 12, 2008 Replaced the high pressure fuel lines on the left and right engines with new lines P/N: 05-7313-K001301, supplied by TAE Installed high pressure fuel line support brackets on both engine high pressure fuel lines. All work accomplished in accordance with Thielert Service Bulletin TM TAE 125-1005 P1, Rev. 2 as terminating action.

ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER S.O. # LS08-1053

AUTHORIZED SIGNATURE: Michael S. Herbert AP3153561HA



2881 E. Spring Street, Long Beach, CA 90806
 Office: 562-981-6064 Fax: 562-981-6071

TOTAL

TOTAL
 REVOL

TC
 SING. MFG.

MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS

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

SIGNATURE

LICENCE
NUMBER

42.AC109

[Signature]

DA
Q 42

Right Engine Model: TAE 125-02-99
Right Engine S/N: 02-02-01887
N767SA
S/N: 42.AC109
Engine Total Time: 191.4
Aircraft Total Time: 191.4
Date: 5/15/2008

Performed a 200 Hour Inspection in accordance with the Diamond DA 42 Series Aircraft Maintenance Manual. Changed engine oil and filter. Collected sample. Serviced 6 liters Acrosshell Diesel 10W/40 engine oil. Changed gearbox oil and filter. Collected sample. Serviced 1 liter Shell EP75W-90 gear box oil. Replaced the fuel filter element and bled the fuel system in accordance with the DA42 AMM, Chapter 28. Performed Coolant System Pressure Test in accordance with the DA42 AMM, Chapter 75. Washed engine. Engine leak and operational check normal. AD's checked through Tdata release # 2008-09.

THE ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER S.O. # LS08-1093.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 200 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

AUTHORIZED SIGNATURE: Michael S. Herbert

[Signature: Michael S. Herbert]



GSPR467E

2881 E. Spring Street, Long Beach, CA 90806
Office: 562-981-6064 Fax: 562-981-6071

Not Used

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND



Corporate Jets, Inc.

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N767SA Date: November 11, 2008 1 of 2

Model #Diamond DA42 S/N 42.AC109

TACH: 291.6

TAE 125-02-99 S/N 02-02-01887

RH ENGINE LOG ENTRY

Accomplished 200 HR/300 HR/ANNUAL Inspection of the manufacturers inspection program.

Complied with the following items

100 HR / 1 Year Fuel filter replacement

Engine 300 HR gearbox, clutch & feed pump change. See the following:

	Part number	s/n off	s/n on
Gearbox	05-7212-K008808	00424	00189
Clutch	05-7211-K006001	02400	21281
Feed pump	05-7312-K007301	00472	02139

Repaired Gearbox FAA Form 8130-3 dated 07/10/2008

WO#FA1804716 by Thielert Aircraft Engines GmbH.

Clutch New

Feed Pump New

New Parts Installed:

Filter p/n B374722/1

Fuel bowl oring p/n B371629/3

Deice filter p/n F908

Gearbox installation kit p/n 05-9900-S000201

Feed pump kit p/n 05-9900-5000301

Heat Shield p/n 52-7520-H005005

Radiator mounting pads p/n NM-0000-0023101

N767SA DA42 S/N 42.AC109 11/12/2008 2 of 2

I certify that this **ENGINE** has been inspected in accordance with the manufacturer's inspection program as required by FAR 91.409(f)(3) and has been found to be in Airworthy Condition and is Approved for Return to Service.

W.O. SHP-08-00427

[Signature] AEP in 27405117

CORPORATE JETS, INC.

INSTALLATIONS, INSPECTIONS,
E BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

2

REPAIRS, ADJUSTMENTS, MODIFICATIONS

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

SIGNATURE

LICENCE
NUMBER

RH Engine Model: TAE-125-02-99
RH Engine S/N: 02-02-01887
N767SA
S/N: 42.AC109
Engine Total Time: 394.0
Aircraft Total Time: 394.0
Date: 2/28/2009

COMPLIED WITH THE FOLLOWING INSPECTIONS:

1. 100 Hour/200 Hour Inspection IAW the DA 42 AMM, CH 5.
2. 100 Hour Inspection IAW the TAE O&M Manual, CH 5 & 6.2.2.

COMPLIED WITH THE FOLLOWING LUBRICATION SCHEDULES:

1. 100 Hour lubrication IAW the DA42 AMM, 12.

COMPLIED WITH THE FOLLOWING SCHEDULED MAINTENANCE:

1. 12 Month Alternator Excitation Battery Replacement.
2. 12 Month ECU Backup Battery Replacement.

PERFORMED THE FOLLOWING MAINTENANCE:

1. Changed oil and filter. Serviced 6 quarts Aeroshell 10W/40 Diesel engine oil.
2. Changed Gearbox oil and filter. Serviced 2 liters Shell EP 75W/90 oil.
3. Replaced fuel filter element IAW the DA42 AMM, CH 28.
4. Performed coolant system pressure test IAW the DA42 AMM, CH 75.
5. Replaced intake tube mount vibration damper IAW TAE Repair Manual, CH 72-40.05.
6. Installed plug in turbocharger IAW TAE Repair Manual, CH 08.0.
7. Replaced Crankshaft oil seal IAW TAE Repair Manual, CH 72-10.
8. Tightened upper coolant hose clamp mounting bracket.
9. Replaced induction air filter element PN RB-700 IAW CH 5.

ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER S.O. # LS09-0026.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION PROGRAM REQUIRED BY FAR 91 409 (b), AND IS APPROVED FOR RETURN TO SERVICE. AD'S REVIEWED THROUGH BIWEEKLEY 2009-04.

AUTHORIZED SIGNATURE: Michael S. Herbert

Michael S. Herbert

CRS # GSPR467E.



2881 E. Spring Street, Long Beach, CA 90806
Office: 562-981-6064 Fax: 562-981-6071



Tail# N767SA	Model: TAE125-02-99	S/N: 02-02-01887
RH Engine Log	Total Time: 492.9	Total Cycles: NA
AFTT: 492.9	Tach: 492.9	TSO: NA

COMPLIED WITH THE FOLLOWING INSPECTIONS:

1. 100 Hour Inspection IAW the DA 42 AMM, CH 5.
2. 100 Hour Inspection IAW the TAE O&M Manual, CH 5 & 6.2.2.

COMPLIED WITH THE FOLLOWING LUBRICATION SCHEDULES:

1. 100 Hour lubrication IAW the DA42 AMM, 12.

PERFORMED THE FOLLOWING MAINTENANCE:

1. Changed oil and filter. Serviced 6 quarts Aeroshell 10W/40 Diesel engine oil.
2. Changed Gearbox oil and filter. Serviced 1 liters Shell EP 75W/90 oil.
3. Replaced fuel filter element IAW the DA42 AMM, CH 28.
4. Performed coolant system pressure test IAW the DA42 AMM, CH 75.
5. Installed serviceable Starter Assembly PN 05-8010-E002801n SN 07-061 with 198.6 Hours time in service IAW TAE Repair Manual.

ABOVE DESCRIBED MAINTENANCE IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS ON FILE UNDER S.O. # LS09-2032.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION PROGRAM REQUIRED BY FAR 91.409 AND IS APPROVED FOR RETURN TO SERVICE. AD'S REVIEWED THROUGH BIWEEKLEY 2009-09.

AUTHORIZED SIGNATURE Michael Herbert *Michael S. Herbert* DATE: 5/16/09
WEST COAST AIRCRAFT MAINTENANCE 2881 East Spring Street Long Beach CA 90806 FAA CRS GSPR467E



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N767SA Date: May 27, 2009
Model #Diamond DA42 S/N 42.AC109
HOBBS: 515.5
TAE 125-02-99 S/N 02-02-01887
RIGHT ENGINE LOG ENTRY

Updated Thielert FADEC to Firmware Revision 2.91D. See Thielert EASA Form 1 dated 7/22/2008.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. SHP 09-01285

LANDMARK AVIATION

CRS # LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N767SA Date: August 22, 2009
Model #Diamond DA42 S/N 42.AC109
HOBBS: 576.6
MTV-6-A-C-F/CF187-129 S/N 070933
RH PROPELLER LOG ENTRY

Removed propeller de-ice boot. Cleaned and prepared surfaces.

Installed new de-ice boot p/n 37572. IAW MT-Propeller Service Letter SL30D and Installation manual E-1290.

Dressed Propeller

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. S29 09-01506

Landmark Aviation

LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N767SA Date: July 10, 2009
Model #Diamond DA42 S/N 42.AC109
HOBBS: 563.3
TAE 125-02-99 S/N 02-02-01887
RIGHT ENGINE LOG ENTRY

Downloaded Thielert FADEC and cleared faults, ECU B Fail.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. SHP 09-01406

LANDMARK AVIATION

CRS # LN3R663L

ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS,
USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

IED FORWARD

MAINTENANCE RECORD

3

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER



Tail# N767SA	Model: TAE125-02-99	S/N: 02-2-01887
Right Engine Log	Total Time: 588.2	Total Cycles: N/A
AFTT: 588.2	TSO: N/A	CSO: N/A

COMPLIED WITH THE FOLLOWING INSPECTION ITEMS

- 1- 100 hrs/annual inspection using the DA-42 MM 200hrs checklist as a guide.

COMPLIED WITH THE FOLLOWING SCHEDULED MAINTENANCE ITEMS

- 1- Changed the oil and filter, serviced with Aeroshell Diesel 10W40. Gearbox serviced with AER1045.
- 2- 600hrs inspection of life limited items. Removed gearbox P/N 05-7212-K0088808 S/N 00189, installed a repaired unit P/N 05-7212-K008811 S/N 00078. Removed the clutch assy P/N 05-7211-K006001 S/N 21281, installed a repaired unit P/N 05-7211-K006002 S/N 20093. Removed the high pressure fuel pump P/N 05-7312-K005301 S/N 0543, installed a repaired unit P/N 05-7312-K005301 S/N 1061.
- 3- Replaced the coolant.

COMPLIED WITH THE FOLLOWING SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES

- 1- Airworthiness Directives checked biweekly thru 2009-24.
- 2- SB TAE-125-1007P1 Rev.1, replaced the prop ctrl valve assy.
- 3- SB TAE-125-1008P1 Rev.1, replaced the v rail pressure reducing valve plug assy.

4. SB TAE-125-1009P1 SEE
ABOVE GEARBOX FORM 1
OGW 11/12/10

PERFORMED THE FOLLOWING ROUTINE MAINTENANCE

- 1- Repaired oil leak at air/oil separator fitting

The above described maintenance is certified airworthy and a detailed record is on file under S/O# LS09-2243.

I certify that this engine has been inspected in accordance with the instructions and procedures for an inspection program required by FAR 91.409 (a), and is approved for return to service.

AUTHORIZED SIGNATURE

DATE: DEC 14 2009

WEST COAST AIRCRAFT MAINTENANCE 2881 East Spring Street Long Beach CA 90806 FAA CRS GSPR467E

SOUTHWEST FLIGHT CENTER

N767SA

12-21-09

T-595.6

Serviced Rt. Engine Coolant Reservoir With 1qt Pre-Mixed
ZVW-237-105 Coolant. No Coolant Leaks Noted. I/A/W
DA42 AMM.

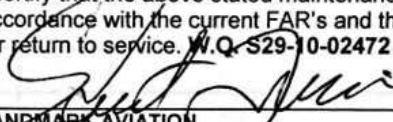
Sign
 Cert API3793691A

Print George Encinas

SCOTTSDALE AIRPORT (480-991-2880)

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					 LANDMARK AVIATION 14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400 N767SA Date: July 13, 2010 Model #Diamond DA42 S/N 42.AC109 ACTT: 605.8 HOBBS: 664.7 TAE 125-02-99 S/N 02-02-01887 TSN: 605.8 RIGHT ENGINE LOG ENTRY Removed the engine gearbox assembly to gain access to the clutch assy. Reinstalled using a new "Gearbox Installation Set" p/n 05-9900-S000202 s/n FA2005192. Removed the Clutch assy. p/n 05-7211-K006002 s/n 20093. Installed repaired clutch p/n same s/n 21714. See EASA Form 1 dated 6/17/2010, WO# FA1806270 by Thielert Aircraft Engines, GMBH, Certificate No DE.145.0328. I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. S29-10-02472  LANDMARK AVIATION CRS # LN3R663L


LANDMARK AVIATION
 14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400
N767SA Date: November 17, 2010
Model #Diamond DA42 S/N 42.AC109
AFTT 688.0 HOBBS 779.7
TAE 125-02-99 S/N 02-02-01887 ETT 688.0
RH ENGINE LOG ENTRY

Accomplished 100 hour Inspection of the manufacturers inspection program.

Complied with the following items:

100 hour engine Inspection

AD 2008-23-08 dated 12/22/2008, Engine support bracket powder coating is N/A by this engine model.

AD 2010-06-12 dated 4/20/2010, Rail pressure control valve replacement on the engine, was C/W per SB TAE-125-1008P1 on 12/14/2009, @ 588.2 ACTT. Next due 1188.2 ACTT.

AD 2010-11-09 dated 7/13/2010, PPRV and vibration isolator replacement, was C/W per SB TAE-125-1007P1 and TAE-125-1009P1 on 4/14/2010 @ 605.8 ACTT. Next due @ 905.8 ACTT.

AD 2010-18-02 dated 9/9/2010, Clutch replacement is N/A by installed clutch s/n is not on the affected s/n list.

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. **W.O. S29-10-02815**

Landmark Aviation

FAA CRS# LN3R663L

IED FORWARD

MAINTENANCE RECORD

4



14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N767SA Date: February 1, 2011

Model #Diamond DA42 S/N 42.AC109

AFTT 737.6 HOBBS 846.0

TAE 125-02-99 S/N 02-02-01887 ETT 737.6

RIGHT ENGINE LOG ENTRY

Accomplished 200 HR/300 HR/ANNUAL Inspection of the manufacturers inspection program.

Complied with the following items
100 hour engine inspection

Installed New Non-Serialized Parts :

Heat shield p/n 52-7140-H000104

Clampon heat hose p/n NM-0000-0016901

Removed old anti-freeze installed G-05 anti-freeze

I certify that this **ENGINE** has been inspected in accordance with an **100 HOUR** inspection and was found to be in an Airworthy Condition. **W.O. S29-10-02886**

Landmark Aviation

FAA CRS# LN3R663L



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N-NUMBER: N767SA MODEL: DA-42 S/N:42.AC109

DATE: 8/5/11; TAFT: 835.3 ENGINE S/N: 02-02-01887

- PERFORMED 100 HR INSPECTION PER MFR INSPECTION PROGRAM.
- CHANGED GEARBOX OIL AND FILTER.
- CHANGED OIL AND FILTER.
- UPDATED FADEC
- AD'S CHECKED THRU 2011-1E SEE AD LISTING.

I CERTIFY THAT THE AIRCRAFT ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW FAA REGULATIONS AND, FOR THE WORK PERFORMED ONLY, WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP 620039507



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N767SA MODEL: DA-42 S/N: 42.AC109

DATE: 10/14/11; TT: 887.4 RH

1. C/W AD 2011-05-06 DATED 3-30-2011 BY REPLACEMENT OF TIMING CHAIN NEXT DUE 1797.4 TT.
2. C/W AD 2010-11-09 DATED 7-13-2010 BY REPLACEMENT OF PPRV AND VIBRATION ISOLATOR NEXT DUE 1187.4 TT.
3. REPLACED GEARBOX AND CLUTCH ASSY.
4. PERFORMED OPERATIONAL CHECK.

INSTALLED THE FOLLOWING PARTS:

CLUTCH P/N 05-7221-K0094606 S/N: 2572

GEARBOX P/N 05-7212-K033504 S/N: 01800

INST.SET INTERMEDIATE FLANGE P/N 05-9900-S001001

VIBRATION DAMPER P/N NM-0000-0159101 S/N B37807/1

I CERTIFY THAT THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW FAA REGULATIONS AND, FOR THE WORK PERFORMED ONLY, WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP 620039507



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N767SA MODEL: DA-42 S/N: 42.AC109

DATE: 11/25/11 TT: 921.9 RH

1. REPLACED STARTER PERFORMED OPERATIONAL CHECK.

I CERTIFY THAT THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW FAA REGULATIONS AND, FOR THE WORK PERFORMED ONLY, WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP 620039507

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
ACFT Model:	Diamond DA-42		GIBBS SERVICE CENTER		Date: 8-24-2011
Serial No.:	42.AC109		Montgomery Field, San Diego, CA 92123		W.O. No.: 14603
Reg. No.:	N767SA		FAA Approved Repair Station VT3R931L		TET: 843.5
Eng. Mfg.:	TAE		Eng. Model: 125-02-99		Eng. S/N: 02-02-1887
SMOH:	N/A		Tach: 843.5		Airframe: 843.5
Installed new turbocharger wastegate actuator, P/N 05-7241-K014301, using new attachment hardware, per TAE Centurion 2.0 RM-02-02, section 72-40.02. Completed a FADEC engine run, recorded data per the OM-02-02. Engine runup OK, no leaks noted.					
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 14603					
Date: 8-24-2011			Signed:  Jeff Runyon INSP 3		



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N767SA MODEL: DA-42 S/N: 42.AC109
DATE: 12/23/11; TT: 935.5 RH

1. PERFORMED 100 HR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. SERVICED GEARBOX WITH SHELL EP75W90 OIL.
4. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.

I CERTIFY THAT THE AIRCRAFT ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW FAA REGULATIONS AND, FOR THE WORK PERFORMED ONLY, WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.


LAWRENCE AFANA
AP 620039507

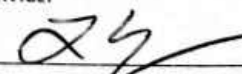


Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N767SA MODEL: DA-42 S/N: 42.AC109
DATE: 3/23/2012 TT: 1034.6 RH

1. PERFORMED 100 HR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. SERVICED GEARBOX WITH SHELL EP75W90 OIL.
4. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.
5. REPLACED COOLANT.
6. REPLACED ENGINE MOUNTS.
7. AD 2012-02-05 DATED 3/2/2012 N/A BY P/N DISC INSTALLED.

8. Replaced V-Rib Belt AD2011-05-06
I CERTIFY THAT THE AIRCRAFT ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW FAA REGULATIONS AND, FOR THE WORK PERFORMED ONLY, WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.


LAWRENCE AFANA
AP 620039507

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

5

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES

SIGNATURE

LICENCE
NUMBER



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax



N767SA MODEL: DA-42 S/N: 42.AC109
DATE: 12/20/12 TT: 1129.5 RH

1. PERFORMED 100 HR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. SERVICED GEARBOX WITH SHELL EP75W90 OIL.
4. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.

I CERTIFY THAT THE AIRCRAFT ENGINE IDENTIFIED ABOVE WAS
REPAIRED AND INSPECTED IAW FAA REGULATIONS AND, FOR THE
WORK PERFORMED ONLY, WAS FOUND AIRWORTHY AND IS
APPROVED FOR RETURN TO SERVICE.

[Signature] 12/20/12
LAWRENCE AFANA
AP 3643646

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

N767SA MODEL: DA-42 S/N: 42.AC109
4/20/13 TT: 1187.5 RH

1. C/W AD 2010-11-09 DATED 7-13-2010 BY REPLACEMENT OF
PPRV AND VIBRATION ISOLATOR NEXT DUE ~~1487.5 TT~~
1787.5
 2. REPLACED GEARBOX ASSY.
 3. REPLACED ALTERNATOR.
 4. REPLACED HIGH PRESSURE AND FEEDER PUMP.
 5. REPLACED FADEC.
 6. REPLACED PRESSURE REGULATOR
 7. REPLACED FUEL WATER PUMP.
 8. PERFORMED OPERATIONAL CHECK.
- SEE EASA FORM 1

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

N767SA MODEL: DA-42 S/N: 42.AC109
4/20/13 TT: 1187.5 RH

1. C/W AD 2010-11-09R1 DATED 04-11-2012 BY REPLACEMENT
OF PPRV AND VIBRATION ISOLATOR NEXT DUE 1787.5 TT.
2. C/W AD 2010-06-12R1 DATED 02-3-2012 BY REPLACEMENT
OF RAIL PRESSURE CONTROL P/N 05-7320-E000703 NEXT
DUE ~~1487.5~~ 1787.5 TT

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

N767SA MODEL: DA-42 S/N: 42.AC109 04/20/2013 TT: 1187.5 RH

1. AD 2012-26-12 DATED 2/13/2013 IS N/A GEARBOX S/N NOT
INSTALLED
2. AD 2012-26-13 DATED 2/13/2013 IS N/A CURRENT SYSTEM IS
INSTALLED AND UP TO DATE

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP3643646

HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

N767SA TAE 125-02-99 (RH) S/N: 02-02-01887 TACH: 1235.4 ETT: 1235.4
8/23/2013

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.
4. REPLACED RADIATOR VIBE DAMPER, P/N: 20-15-M6X16.
5. REPLACED ALL MAP LINES TO FADEC AND TURBO.
6. AD'S CHECKED THROUGH 2013-16

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

56
LAWRENCE AFANA
AP3643646



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N-NUMBER: N767SA; MODEL: DA-42; S/N#: 42.AC109
ENGINE MODEL: TAE 125-02-99 Right Engine S/N#: 02-02-01887
DATE: 02/07/2014; Engine Total Time: 1335.3

Inspection Items Complied with:

1. Performed the 100hr/Annual Inspection per TAE OM-02-02
2. Replaced Gearbox, Oil and Fuel filters supplied in 100hr kits
3. Serviced Engine with 6L Aeroshell Ultra Diesel Oil
4. Serviced the Gearbox with 1.5L Shell EP 75W90
5. Performed the 24 month Coolant Exchange, serviced with Zertex G-05

AD/Service Bulletins Accomplished:

1. AD's researched through bi-weekly 2014-02.

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

Jeffrey J Hettling

Jeffrey J Hettling
A&P 2736512 IA

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N-NUMBER: N767SA; MODEL: DA-42; S/N#: 42.AC109
ENGINE MODEL: TAE 125-02-99 Right Engine S/N#: 02-02-01887
DATE: 04/07/2014; Engine Total Time: 1382.6

Maintenance Items:

1. Replaced the RH Alternator Excitation Batteries with new P/N: LC-R121R3P

I certify that the Engine identified above was repaired and inspected IAW FAA Regulations and, for the work performed only, was found Airworthy and is approved for return to service.

Jeffrey J Hettling
A&P 2736512



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221
(480) 922-907-2276 Fax

N-NUMBER: N767SA; MODEL: DA-42; S/N#: 42.AC109
ENGINE MODEL: TAE 125-02-99 Right Engine S/N#: 02-02-01887
DATE: 06/23/2014; Engine Total Time: 1433.0

Inspection Items Complied with:

1. Performed the 100hr inspection per TAE OM-02-02
2. Replaced Gearbox, Oil and Fuel filters supplied in 100hr kits
3. Serviced Engine with 6L Aeroshell Ultra Diesel Oil
4. Serviced the Gearbox with 1.5L Shell EP 75W90

AD/Service Bulletins Accomplished:

1. AD's researched through bi-weekly 2014-12.

I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in **airworthy** condition.

Jeffrey J Hettling
A&P 2736512

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.



15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221 Tel.
(480) 922-5653 Fax

ENGINE SERVICE AND

DATE

N767SA Model #: Diamond DA-42 S/N: 42.AC109
E2 Model: Thielert TAE E2 S.N.: 02-02-1887
December 29, 2014 TACH: 1488.7 HOBBS: 1921.2

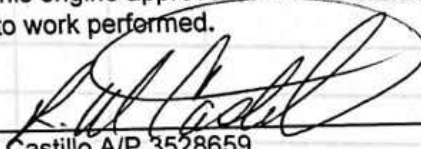
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FORWARD

E2 Log Entry

Complied with 300 Hr RH Engine Gear Box Change.

Removed Gearbox P.N. 05-7211-K012301 S.N. 01691
Installed OH unit P.N. 05-7212-K033505-AT S.N. 02235
Removed Friction Disc P.N. 05-7211-K012301 S.N. 2572
Installed OH unit P.N. 05-7211-K012301 S.N. 04792
Removed HHP P.N. 05-7312-K00530-X3 S.N. 0235
Installed OH unit P.N. 05-7312-K005303-AT S.N. 3118
Install included: Fit-up aid P.N. 05-7211-K010402 and
Gearbox Install Kit P.N. 05-9900-S000204
Next due: 1788.7 Tach time

I certify this engine approved for return to service with
respect to work performed.


Richard Castillo A/P 3528659



Sawyer Aviation
15115 North Airport Drive, #12
Scottsdale, AZ 85260-2462
(480) 922-5221 Tel.
(480) 922-5653 Fax

N767SA Model #: Diamond DA-42 S/N: 42.AC109
E2 Model: Thielert TAE E2 S.N.: 02-02-1887
December 29, 2014 TACH: 1488.7 HOBBS: 1921.2

E2 Log Entry

Replaced the following hose P.N.s:

05-7241-K008701, 05-7313-K003105, 05-7313-K002501,
05-7313-K007401, 05-9900-S001201, NM-0000-0042401,
NM-0000-0056801, NM-0000-056901, NM-0000-0169301,
52-7520-H003602, 05-7253-K010101, 05-7523-K004804,
NM-0000-0160201, NM-0000-0138501,
NM-0000-0057001(2ea)

I certify this engine approved for return to service with
respect to work performed.


Richard Castillo A/P 3528659

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DA N767SA TAE 125-02-99 (RH) S/N: 02-02-01887 TACH/ETT: 1600.4 7/10/2015

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

N767SA TAE 125-02-99 (RH) S/N: 02-02-01887 TACH: 1513.5 ETT: 1513.5
3/14/2015

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.
4. REPLACED BONDING STRAP RADIATOR RESIVOIR TO ENGINE.
5. REPLACED 2 RADIATOR VIBE DAMPER, P/N: 20-15-M6X16.
6. AD'S CHECKED THROUGH 2015-05

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

29
LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

N767SA TAE 125-02-99 (RH) S/N: 02-02-01887
HOEBS: 2233.0 7/27/2016

PERFORMED THE FOLLOWING ITEM(S):

1. SERVICED ENGINE COOLANT WITH ANTIFREEZE.
2. CHANGED GEAR OIL, SHELL 56GXME75W-80.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

[Signature]
RICKY LEE M HEINTZ
AP2924413

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT,
P/N: 05-9900-S000105.
4. REPLACED 1 COOLANT HOSE CLAMP.
5. REPLACED OIL COOLER HOSE, P/N: AE6001J0204-188.
6. AD'S CHECKED THROUGH 2015-13.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

29
LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
602-300-3791

N767SA TAE 125-02-99 (RH) S/N: 02-02-01887 TACH/ETT: 2140.9 5/8/2019

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS ULTRA DIESEL OIL.
3. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT
P/N: 05-9900-S000105.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

29
LAWRENCE AFANA
AP3643646

Entered in

MAXIMUM HOURS BETWEEN OVERHAULS_

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

RIGHT ENGINE LOG

A&P2799435 IA DATE: JULY 6 2016

[illegible]

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

ENGINE MODEL:
TAE125-02-99
ENGINE S/N (R):
02-02-01887
REG. NO: N767SA
WORK ORDER: 1416

CFD Integration, LLC dba CFDI Aero

4700 Spartan Drive, Hangar 102
Denton, TX 76207
Phone: 940-442-5232

DATE: 5/5/2017
A/C TSN: 1790.2
HOBBS: 2378.7

Right Engine Entries

600 hr inspection

(2) Removed existing gearbox and clutch and installed over hauled unit P/N 05-7212-K043902-AT S/N 01677 and P/N 02-7210-11001R12 using new hardware. Service with new gear oil and perform ground run up and leak check, ops check satisfactory.... (3) Removed existing HP fuel pump and installed P/N 05-7312-K005303-AT S/N 2200, bled system and ops check.... (4) Replaced existing alternator with new P/N 05-7150-E000601-AT S/N C0618, ops check satisfactory.... (5) Replaced induction air filter element with new unit P/N RB-0700.... (6) Removed and replaced Rail pressure control valve with new P/N 05-7320-E000703, bled system and ops check.... (7) Complied with reoccurring AD-16-07-19 Replace fuel feed pump P/N 05-7312-K013301 S/N 08825, bled system and ops check.... (16) Removed and replaced coolant recovery tank isolation mounts with new P/N 15-15-B-M4x10-M4x5-middle, 20-10-M6x18.... (37) Replaced induction air intercooler hose with new.... (41) Remove and replace radiator isolation mounts as required.... (56) Removed seized engine gearbox hardware and replace with new hardware during gearbox exchange.... (61) Starter cable chafing, replaced spiral wrap and added Adel clamp.... (68) I certify this engine has been inspected in accordance with a 100 hour/Annual inspection and has been determined to be in an airworthy condition at this time. No other new or recurring AD's due at this time.

DATE: 5/5/2017

SIGNED:

Work Order: 1416

Nathan Probst, A&P: 3339742 RFSC# 30001141115-1803

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AD 2010-06-12R#6

Replacement of Rail pressure control valve

#2

~~Replacement of~~

AD 2016-07-19

#7

Replacement of Fuel feed pump

ACFT Model: Diamond DA-42	GIBBS SERVICE CENTER	Date: 10-19-2017
Serial No.: 42.AC109	Montgomery Field, San Diego, CA 92123	W.O. No.: 17-292
Reg. No.: N767SA	FAA Approved Repair Station VT3R931L	Position: R/ engine
Eng. Mfg.: TMG	Eng. Model: 125-02-99	Eng. S/N: 02-02-01887
TET: 1886.8		Airframe: 1886.8
100 hr / Annual inspection completed per the DA-42 AMM, document 7.02.01, revision 3. Drained engine oil, inspected and replaced oil filter. Serviced engine 7ltrs A/S Ultra diesel oil. Drained gearbox, replaced oil filter. Serviced 1ltr Shell EP75W-90 GL-4 oil. Cleaned and serviced engine air filter. Performed 100hr PPRV pressure check. Replaced timing chain. Replaced intercooler shock mounts with new. Replaced charge piping bracket with new. Replaced charge pipe wiggins clamps with new. Replaced exhaust heat shield bracket with new. Replaced radiator shock mount with new. Replaced L/H aft engine mount with new. Replaced coolant with new and pressure checked coolant system. C/W AD 2017-19-15, Gearbox; N/A by serial number. No further action req. C/W AD 2011-05-06, Timing chain replacement; Next due 2786.8 Engine runup OK, no leaks. Performed RTLF data engine run. AD notes checked and are current 10-19-2017. ATP Navigator Content Revision: 10-19-2017.		
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 17-292		
Date: 10-19-2017	Signed:	

CARRIED FORWARD

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TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

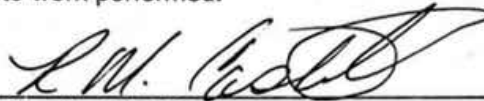
BROUGHT FORWARD



N767SA S/N: 42.AC109 Model #: DA42
Feb 19, 2018, ACTT: 1956.3 HOBBS: 2632.4

C/W GPS Navdata
C/W MFD Charts
C/W AD 2017-15-09 by inspection.

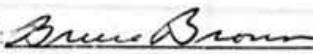
I certify this aircraft approved for return to service with respect to work performed.


Richard Castillo A/P 3528659

DATE	3/2/2018	FALCON EXECUTIVE AVIATION, INC.	WO#	SVC-8390
REG	N767SA	4766 E. FALCON DR.	HOBBS	2636.6
MODEL	DA42	MESA, ARIZONA 85215		
SER #	42.AC109	FAA APPROVED REPAIR STATION NO. X0FR185J		

AVIONICS LOG ENTRY

1. Removed GDC74A P/N 011-00882-00, S/N 4708305 from behind PFD, placed on test bench, connected to test cable, computer and Burton-Cleveland Pitot/Static Tester Model 5000 S/N 41673 (cal date 1/17/2018) and performed Field Calibration using Garmin Calibration Tool P/N T06-A0156-00 IAW GDC74A Instructions P/N 190-00303-82 Rev D dated Jan. 2016. Reinstalled in aircraft.
2. Removed standby Altimeter P/N 5934PD-3, S/N 463007 and installed Altimeter P/N 5934PD-3, S/N 476789 overhauled by MidContinent Instruments+Avionics, CRS: OL2D061L. Ref: FAA 8130-3 WO #318650 dated 20/Nov/2017 for details.
3. I certify that the PFD/ADC static/altimeter systems test required by 14 CFR 91.411 have been performed, this date and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. Tested to 20,000 Feet.
4. I certify that the Standby static/altimeter systems test required by 14 CFR 91.411 have been performed, this date and that the static/altimeter system meets the requirements of 14 CFR Part 43, Appendix E. Tested to 20,000 Feet.
5. I certify that the Transponder tests required by FAR 91.413 have been performed, this date, and that the Mode S Transponder meets the requirements of Appendix F of FAR Part 43 and paragraph (c), Appendix E. Transponder Model: GTX33 S/N: 89105640
6. The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE:  CRS X0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-8390.

END

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

10

REPAIRS, ADJUSTMENTS, MODIFICATIONS

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

SIGNATURE

LICENCE
NUMBER

CENTERLINE AIRCRAFT, LLC
15290 NORTH 78TH WAY
SCOTTSDALE AZ 85260
602-300-3791

N767SA TAE 125-02-99 (RH) S/N: 02-02-01887 TACH/ETT: 1986.4 6/7/2018

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.
P/N: 05-9900-S000105.
4. REPLACED 1 COOLANT HOSE CLAMP.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.


LAWRENCE AFANA
AP3643646

ACFT Model:	Diamond DA-42	GIBBS SERVICE CENTER	Date:	11-13-2018
Serial No.:	42.AC109	Montgomery Field, San Diego, CA 92123	W.O. No.:	18-424
Reg. No.:	N767SA	FAA Approved Repair Station VT3R931L	Position:	R/ engine
Eng. Mfr.:	TMG	Eng. Model: 125-02-99	Eng. S/N:	02-02-01887
TET:	2048.6		Airframe:	2048.6
100 hr / Annual inspection completed per the DA-42 AMM, document 7.02.01, revision 4. Drained engine oil, inspected and replaced oil filter. Serviced engine 7ltrs A/S Ultra diesel oil. Drained gearbox, replaced oil filter. Serviced 1ltr Shell EP75W-90 GL-4 oil. Cleaned and serviced engine air filter. Performed 100hr PPRV pressure check. Pressure checked coolant system. Retorqued fuel rail fittings. Replaced ECU manifold pressure reference lines. Engine run OK, no leaks. Performed RTLF data engine run. AD notes checked and are current. ATP Navigator Content Revision: 11-13-2018.				
The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 18-424				
Date:	11-13-2018	Signed:		

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

CENTERLINE AIRCRAFT, LLC
602-300-3791

N767SA MODEL: DA-42 S/N: 42.AC109
2/13/19 TT: 2089.9 RH

1408BS 2994.4

1. 100 HR INSPECTION.
2. 200 HR INSPECTION
3. C/W AD 2010-11-09 DATED 7-13-2010 BY REPLACEMENT OF PPRV AND VIBRATION ISOLATOR NEXT DUE 2689.9 TT.
4. REPLACED GEARBOX ASSY. 05-7212-K0417
5. REPLACED CLUTCH.
6. REPLACED FEEDER PUMP.
7. REPLACED AIR FILTER.
8. PERFORMED OPERATIONAL CHECK.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP3643646

CENTERLINE AIRCRAFT, LLC
602-300-3791

N767SA TAE 125-02-99 (LH) S/N: 02-02-01895 TACH/ETT: 2140.9 5/8/2019

2019
2-

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS ULTRA DIESEL OIL.
3. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.
P/N: 05-9900-S000105.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP3643646

Extended Service

CENTERLINE AIRCRAFT, LLC
602-300-3791

N767SA TAE 125-02-99 (RH) S/N: 02-02-01887 TACH/ETT: 2140.9
5/8/2019

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS ULTRA DIESEL OIL.
3. REPLACED ALL FILTERS SUPPLIED IN 100 HR KIT.
P/N: 05-9900-S000105.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE AFANA
AP3643646

CARRIED FORWARD

MAINTENANCE RECORD

11

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

30 May 19 N767SA AFTT/Tach: 2165.7 Hobbs: 2950.4

This RH engine SN-01887 has had AD 2018-10-10; Eff date 12 Jun 18. Insp of clamp accomplished per AD paragraph (g)(5). AD is Due again at AFTT: 2190.7 and at each 25 hours following. This Engine is found in an Airworthy Condition is Approved for Return to Service, fore the work accomplished

David M. Schultz
AP/IA 517681945

7/3/19 N767SA AFTT/Tach: 2186.1 Hobbs: 2983.5

This RH engine SN-01887 has had AD 2018-10-10; Eff date 12 Jun 18. Insp of clamp accomplished per AD paragraph (g)(5). AD is Due again at AFTT: 2211.1 and at each 25 hours following. This Engine is found in an Airworthy Condition is Approved for Return to Service, fore the work accomplished

David M. Schultz
AP/IA 517681945

7/3/19 N767SA TT 2186.1

Depend AD 2018-10-10 per 9 is now recurring at 500hrs per paragraph (g)(2)(i)

AP/IA 517681945

N767SA TAE 125-02-99 (RH) S/N: 02-02-01887 TACH/ETT: 2240.8
8/30/2019

PERFORMED THE FOLLOWING ITEM(S):

1. 100 HOUR INSPECTION.
2. SERVICED ENGINE WITH AS 10W40 DIESEL OIL.
3. SERVICED GEARBOX.
4. REPLACED 1 COOLANT HOSE CLAMP.
5. REPLACED FWD ENGINE MOUNT.
6. REPLACED AFT RH ENGINE MOUNT.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS IN AN
AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO
SERVICE.

LAWRENCE AFANA
AP3543646

HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→				



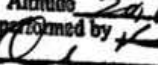
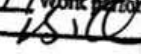
1/26 Oct 19 N767SA SN: R AFTT: 2285.1 Cyc: Hobbs: 3143.9

This R/H engine has had AD 2018-10-10 para (g)(5) Eff 12 Jun 18 complied with by visual inspection of exhaust stack. NO Defects found. Due again on or before AFTT: 2335.1

This R/H Engine has been inspected per FARs and manufactures data of the above listed items and has been found to be in an Airworthy Condition and is Approved for Return to Service.

David M. Schultz
AP/IA 517681945

	LEMAC AVIATION, LLC 4550 EAST MCKELLIPS ROAD, SUITE 101 MESA, ARIZONA 85215		SERVICE #: 2313 DATE: 10/9/19 REGISTRATION: N767SA
	MAKE: Diamond MODEL: DA 42 SERIAL: 42AC109	HOBBS: 3170.9	
AIRFRAME LOG			
- Removed Garmin GTX 33 transponder and associated wiring. - Installed Garmin GTX 345R Transponder PN: 010-01217-413 IAW STC SA01714W1 using Garmin Installation Manual 190-00734-10 Rev. 12 Dated February 28, 2018 and FAA AC 43.13-1B/2B - Perform Software update to G1000 from version 0321.20 to version 0321.23 IAW Garmin SB 1334 - Removed existing com antenna and install Gomant CI-2580-200 ComDat VHF/GPS WAAS antenna using same mounting holes and run RG 400 from WAAS antenna to GTX 345R - Verify Transponder Comply with 14 CFR 91.411 and 91.413			
MATTHEW LAYTON 3629537 A 			

TOTAL THIS PAGE TOTAL FROM PREVIOUS SUMMARY TOTAL SINCE MFG.	Flite Instruments and Avionics 2310 S. Airport Blvd Ste 11 Chandler AZ 85286 CS # 6PTR926C 480-516-0308				
	Reg.#	A/C Make	Model	S/N	Tach/hobb
	N767SA	Diamond	DA42	42-AC109	3120
	I certify that the Static and transponder tests, including data correspondence, required by § 91.411 & 91.413, have been performed and found to comply with 14 CFR part 43, appendix E & F. Altitude 24,000 ft Date 11/8/19 Work performed by  Inspected by  Work Order # 5029				

MAINTENANCE RECORD

12

REPAIRS, ADJUSTMENTS, MODIFICATIONS

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

SIGNATURE

LICENCE
NUMBER

N767SA MODEL: DA-42 S/N: 42.AC109
TAE 125-02-02-99 S/N: 0202-01887 RH
3/26/2020 TT: 2386.4

1. 100, 300, 600, 1200, AND 1800 HR INSPECTIONS.
 2. 60 MONTH COOLANT REPLACEMENT.
 3. C/W AD 2016-07-19 DATED MAY 9-2016 FUEL FEED PUMP REPLACEMENT.
 4. REPLACED GEARBOX ASSY.
 5. REPLACED ALTERNATOR.
 6. REPLACED HIGH PRESSURE AND FEEDER PUMP.
 7. REPLACED FRICTION DISC.
 8. PERFORMED OPERATIONAL CHECK.
- SEE EASA FORM 1

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED
IAW FAA REGULATIONS AND FOR THE WORK PERFORMED IS
APPROVED FOR RETURN TO SERVICE.

[Signature]
LAWRENCE A. ANA
AP3643546



N767SA S/N: AC.109 TTach: 2454.3 Hobbs: 3400.6
RH Engine Log Entry

08/28/2020

Accomplished the following:

1. Found exhaust clamp broken. Installed new clamp PN D60-7806-00-01 and spring washers PN BN806-12-6.2-0.6 Installed in accordance with MSB 42-120/3. Engine run and checked for exhaust leaks, none noted.

I certify that this aircraft has been inspected and/or repaired as noted above in accordance with Federal Aviation Regulations and is approved for Return to Service with respect to the work performed.

Lance Terrill
A/P 2703252

[Signature]

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

N7675A SN 42.AC109 ACTT: 2493.1 Hobbs: 3459.2 January 14, 2021. DA-42 TAE-125-02-99 Piston engine sn 02-02-01887. Inspected engine per Diamond and Technify annual checklist.

Replaced engine oil and filter.

Replaced gear box oil.

Replaced induction air filter and fuel filter.

I Certify that I have inspected this engine per Diamond Aircraft and Technify annual checklist and approve for return to service.

Russell Fanel Harris IA 2705924

N7675A SN 42.AC109 ACTT: 2493.1 Hobbs 3459.2 January 14, 2021

AD Compliance

AD 2010-06-12 R1 regulator was changed 106.7 hours ago with 493.3 hours remaining.

AD 2011-05-06 Timing chain has 328.0 hours remaining.

AD 2013-07-01 cw by RSB-089/1 no further action required.

AD 2016-07-19 fuel feed pumps were replaced 106.7 hours ago.

AD 2018-10 LH exhaust pipe inspection. inspected exhaust pipe and clamping.

I certify that these AD's have been complied with.

Russell Fanel Harris IA 2705924

N7675A ACTT: 2493.1 February 13, 2021

Removed high pressure fuel pump and feed pump from right engine. Installed new High pressure fuel pump 05-7312-AT.

Installed new Feed fuel pump 05-7312-K018401.

Installed new updated pipe and filter and installation kit.

Primed fuel system and ran up and leak checked.

Russell Fanel Harris A&P 2705924

- N7675A SN: 42.AC109 7/12/2021
ACTT: 2585.8

- Left Engine sn: 02-02-01895 Right Engine sn: 02-02-01887
- Completed 100 hour inspection per Diamond Aircraft 100 hour checklist. completed 100 hour inspection of engines per Technify Continental checklist. completed 100 hour inspection of props per MT checklist. Changed gear box oil. Changed engine oil. recharged induction filters. Changed right main gear tire. Replaced 5 hose clamps right engine due to coolant leaks. generated AD list and checked for compliance. I certify that I have inspected this aircraft per Diamond DA42 checklist and found to be in an airworthy condition. Russell Fanel Harris IA 2705924

wo: 2022-1701



Engine R - page 1 of 1

SawyerMX - 14700 N Airport Dr Ste.117 - Scottsdale, Arizona 85260 - (480) 922-5341

N7675A

Airframe TT: 2657.2

Engine 1 Tach: 2657.2

Engine 2 Tach: 2657.2

March 18, 2022
HOBBS: 3723.7

1. RH Engine Annual Inspection. - Inspection performed in accordance with Diamond DA42 AMM Chap 05-28-00 200 checklist. Installed P/N 100hService Kit - CD-135/155/170.
2. 100 Hr. RH Engine Fuel Filter replacement due. - 03/04/2022 Remove/Install the Fuel Filter Element IAW 28-20-00 pages 211-212.
3. RH Engine, 24 Mo. Coolant replacement due. - Drained coolant 03/07/2022 filled with distilled water for flushing 03/09/2022 flushed # 2 engine. 03/18/2022 Installed NEW silicate Pouch PN 40-7520-H002#1 engine drained of water and filled with coolant and bleed the liquid coolant system A ratio of 50-50 was added At 1.75 gallons. the coolant is Glysantin protect plus G48 IAW Continental Aerospace Operation and Maintenance manual Doc OM-02-02 Rev 5/3, Chap 75-00-00 Page 205 item 8. Installed (10 Liter) P/N G48 Green - Antifreeze, Installed P/N 40-7520-H002401 - silicate pouch.
4. 200 Hour Air Filter replacement due on RH engine. - Installed new air filter Installed P/N RB-0700 - Air Filter DA42.

Work performed in accordance with Continental Aerospace Operations and Maintenance manual OM-02-02 ver. 5/3
I certify that this engine has been inspected and/or repaired as noted above in accordance with current Federal Aviation Administration Regulations and is approved for Return to Service with respect to the work performed. Details of work performed are on file with SawyerMX under work order: 2022-1701.

Lance Terrill A&P IA 2703252

Lance Terrill

MAINTENANCE RECORD

13

wo: 2022-1843

Airframe Inspection - page 1 of 1

SAWYERMX

SawyerMX - 14700 N Airport Dr Ste.117 - Scottsdale, Arizona 85260 - (480) 922-5341

CENCE
UMBER

N767SA
HOBBS: 3723.7

Diamond, DA 42, S/N: 42.AC109
TACH: 2657.2

March 31, 2022

3/25/2022 Replaced RH alternator switch P/N 7101 with new switch P/N 7101. Removed RH alternator P/N 05-7150-E000601 S/N 01097 and installed overhauled alternator P/N 05-7150-E000601 S/N 00469F IAW Continental CD-135 Repair Manual chapter 72-20-01. Ops check passed. GAD

I certify that this aircraft has been inspected and/or repaired as noted above in accordance with current Federal Aviation Administration Regulations and is approved for Return to Service with respect to the work performed. Details of work performed are on file with SawyerMX under work order: 2022-1843.

Glen DeBusschere A&P 4201086

[Signature]

wo: 2022-1956

Engine R - page 1 of 1

**SAWYER
MX**

SawyerMX - 14700 N Airport Dr Ste.117 - Scottsdale, Arizona 85260 - (480) 922-5341

N767SA
HOBBS: 3730.3

Continental diesel, TAE-125-02-99, S/N: 02-02-01887
TACH: 2657.2

June 20, 2022

Removed starter P/N05-8010-E002802 for troubleshooting, found bearing missing and starter cracked, further inspection required. Removed propeller to inspect gearbox internals. Removed gearbox for borescope and clutch plate inspection, no defects noted. Reinstalled gearbox. Replaced broken heat tube bracket P/N 52-2140-H002002. Reinstalled Propeller ASSY. with new lock nuts P/N MS21044N7. Installed new starter P/N 05-8010-E002803. Serviced engine with coolant as required. Performed engine ground run, ops check and leak check good. All work accomplished with DA42 MM chapter 61-10-00, Continental diesel CD-135 RM-02-02 chapter 80-10-01, and MT propeller manual E-124.

I certify that this aircraft is to be in an airworthy condition. Details of work performed are on file with SawyerMX under work order 2022-1956

Nick Bravo A&P 4091544

[Signature]

Kenneth Henratty Inspection Authorization 3572577

[Signature]

wo: 2022-2098

Engine R - page 1 of 1

**SAWYER
MX**

SawyerMX - 14700 N Airport Dr Ste.117 - Scottsdale, Arizona 85260 - (480) 922-5341

N767SA
HOBBS: 3758.8

TACH: 2677.6

August 18, 2022

R/R cylinder #1 Fuel Injector for RH engine, with related parts. Performed engine run. No leaks found all systems normal. All work done IAW Continental TAE 125 series Operator Manual.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with SawyerMX under work order: 2022-2098.

Kenneth Henratty A&P 3572577

[Signature]

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					

wo: 2022-2057



Engine R - page 1 of 1

SawyerMX · 14700 N Airport Dr Ste.117 · Scottsdale, Arizona 85260 · (480) 922-5341

N767SA

HOBBS: 3723.7

Continental, CD 135, S/N: 02-02-01887
TACH: 2657.2

August 29, 2022

1. Replaced broken heating pipe bracket with new bracket P/N 52-2140-H002002 Done IAW Continental TAE 125 engine MM.

I certify that this aircraft has been inspected and/or repaired as noted above in accordance with current Federal Aviation Administration Regulations and is approved for Return to Service with respect to the work performed. Details of work performed are on file with SawyerMX under work order: 2022-2057.

Nick Bravo A&P 4091544

wo: 2022-1766



Airframe Inspection - page 1 of 1

Engine RH NTS

SawyerMX · 14700 N Airport Dr Ste.117 · Scottsdale, Arizona 85260 · (480) 922-5341

N767SA

HOBBS: 3785.1

Diamond, DA 42, S/N: 42.AC109
TACH: 2695.8

November 29, 2022

1. Removed LH engine Gear box Assy P/N 05-7212-K041703 S/N 03327 and installed overhauled LH engine Gearbox P/N 05-7212-K041703 S/N 03065. Done IAW CD135 manual RM-02-02 chapter 72-10.01. Leak check good.
2. Removed RH engine Gear box Assy P/N 05-7212-K041703 S/N 02850 and installed overhauled RH engine Gearbox P/N 05-7212-K041703 S/N 03270. Done IAW CD135 manual RM-02-02 chapter 72-10.01. Leak check good.

I certify that this aircraft has been inspected and/or repaired In accordance with current manufacturer's maintenance and inspection program and Sawyer Aviation General Operations Manual. The aircraft listed above was found to be in airworthy condition and is approved for return to service. Details of work performed are on file with SawyerMX under work order: 2022-1766.

Nick Bravo A&P 4091544 IA

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TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

MAINTENANCE RECORD

14

N767SA July 14, 2023 Tach: 2740.5 Hobbs: 3860.1

SN 42.AC109 DA-42 2007 Right Engine 02-02-01887

Inspected This engine per Continental and Diamond checklist.

Changed oil and filter. Changed gear box oil and filter. Replaced fuel filters.

Inspected exhaust pipes.

Inspected waste gate travel. Pressure tested coolant system.

I have inspected this engine in scope and detail per 43.13 Appendix D. I find this engine in an airworthy condition. I approve for return to Service.

Russell Farrell Harris A2705924

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.