

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

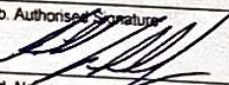
1 Approving Competent Authority /Country	2
Austro Control GmbH Austria	

4 Organisation Name and Address:	

6 Item	7 Description
1	E4 Configuration A

12 Remarks
Item 1: The Engine conforms to EASA TCDS E 200 Issue 6 Item 1: Damper assy P/N: D44-7306-30-00_1 (EASA Form Item 1: DAI-Drawing D44-7306-00-00 Item #16 & #17 clear

13a. Certifies that the items identified above were manufactured
☒ approved design data and are in condition for
☐ non-approved design data specified in block 1

13b. Authorised Signature


13d. Name


USER / INSTALLER RESPONSIBILITIES
This certificate does not automatically constitute authority to install authority specified in block 1, it is essential that the user/installer installation certification. In all cases aircraft maintenance records

EASA Form 1 - 21 Issue 2
Freigabe: 24 Aug 2010 / M. Nemec

ENGINE LOG

1. Make:	Austro Engine GmbH
2. Model:	E4-A
3. Specification:	E00081EN
4. Manufacturer's Serial Number:	E4-A-00193
5. Date of Manufacture:	01 October 2013
6. Aircraft Inspection Cycle:	

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD			2	9			
MAR 18 2014	-	-	2	9			TIMES BROUGHT FORWARD AND TRANSCRIBED

Engine

N143NG
Model: E4-A
S/N: E4-A-00193
Date: 12 May 2015



Hobbs Time: 57.6
Total Time: 42.2
Work Order: S-15-00085

Performed annual inspection using Diamond DA40 AMM 05-20-20 Annual Inspection form as a guide to comply with the inspection requirements of FAR 43 Appendix D.
Complied with 100hr / 12 month fuel system inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-13.
Complied with 100hr / 12 month fuel filter replacement by installing new filter P/N WF724-3 in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-14.
Complied with 100hr / 12 month waste gate controller inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 81-00-30.
Complied with 100hr / 12 month engine cooling system inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-18.
Complied with 100hr / 12 month V ribbed belt inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-08.
Complied with 100hr / 12 month cylinder head drain inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-12.
Complied with 100hr / 12 month exhaust system inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-16.
Complied with 100hr / 12 month engine zonal inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-20.
Complied with 100hr / 12 month engine harness and sensors inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-03.
Complied with 100hr / 12 month EECU readout in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-05. Readout data sent to Austro Engines and Diamond.
Complied with 100hr / 12 month engine oil change in accordance with Austro Engine Doc. No. E4 08 04, Ch. 05-20-09. Drained oil from engine crankcase and serviced engine with 6 liters of Aeroshell Diesel Ultra 5W30 engine oil.
Complied with 100hr / 12 month gearbox filter inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 85-10-30.
Complied with 100hr / 12 month gearbox oil inspection in accordance with Austro Engine Doc. No. E4 08 04, Ch. 85-10-20. Serviced gearbox with Aeroshell Spirax 75W-80 oil.
Complied with 100hr / 12 month engine oil filter change by installing new filter from 100hr kit P/N E4A-52-000-KIT in accordance with Austro Engine Doc. No. E4 08 04, Ch. 79-00-70.
Complied with 100hr / 12 month oil separator breather line inspection, no defect noted. All work done in accordance with Austro Engine EMM 05-20-19.
Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on file under the above work order.

Signed [Signature] Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Engine

N143NG
Model: E4-A
S/N: E4-A-00193
Date: 6 Jun 2016



Hobbs Time: 83.9
Tach Time: 62.3
Total Time: 62.3
Work Order: S-16-00157

Complied with an Annual Inspection using Diamond DA40NG AMM 05-28-00 and 05-28-50 Inspection forms as guides to comply with the inspection requirements of FAR 43 Appendix D.
Complied with 12month/100hr Austro AE300 cooling system inspection per Austro EMM 05-20-18.
Complied with 12month/100hr Austro AE300 zonal inspection per Austro EMM 05-20-20.
Complied with 12month/100hr Austro AE300 exhaust system inspection per Austro EMM 05-20-16.
Complied with 12month/100hr Austro AE300 waste gate controller inspection per Austro EMM 81-00-30.
Complied with 12month/100hr Austro AE300 cylinder head drain inspection per Austro EMM 05-20-12.
Complied with 12month/100hr Austro AE300 engine fuel system inspection per Austro EMM 05-20-13.
Complied with 12month/100hr Austro AE300 engine fuel filter replacement by installing new filter P/N WF724-3 per Austro Engine doc E4 08 04 ch 05-20-14.
Complied with 12month/100hr Austro AE300 V ribbed belt inspection per Austro EMM 05-20-08.
Complied with 12month/100hr Austro AE300 engine harness and sensor inspection per Austro EMM 05-20-03.
Complied with 12month/100hr Austro AE300 oil separator breather line inspection per Austro EMM 05-20-19.
Complied with 12month/100hr Austro AE300 gearbox filter inspection per Austro EMM 85-10-30.
Complied with 12month/100hr Austro AE300 gearbox oil inspection per Austro EMM 85-10-20. Serviced with Aeroshell Spirax 70W80 per Austro EMM 85-10-20.
Complied with 12month/100hr Austro AE300 engine oil and oil filter change by draining oil and removing old filter. Examined oil filter, no unusual contamination found. Serviced engine with 6 liters of Aeroshell Ultra 5W30 and installing new filter P/N E4A-52-000-KIT per Austro EMM 05-20-09 and 79-00-70.
Complied with 12month/100hr Austro AE300 EECU readout and download per Austro EMM 05-20-05.
Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on file under the above work order.

Signed [Signature] Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

A1

FROM DATA GMMX PRODUCTION TEST FLIGHT LOGS

Date: 6/16/17 N143NG S/N: 40 N143
Engine: Austro E4 S/N: E4-A-00193
Total Time: 222.1 Hobbs: 288.3

MX Aero Global LLC
2901A E. Spring St. Long Beach, CA 90806
Main: 562.912.4263
Cell: 562.881.5345



1. Performed 100 Hour Inspection using DA40NG AMM as a guide.
2. Replaced oil filter with kit P/N E4A-52-000-KIT.
3. Replaced gearbox oil filter with P/N E4A 70-000-806 IAW MME4-08-04 05-20-07.
4. Replaced engine oil with Shell Diesel Ultra IAW DA40NG AMM 12-10-00.
5. Replaced gear oil with Shell Spirax ATF ZM IAW DA40NG AMM 75-00-00.
6. Performed coolant system pressure test IAW DA40NG AMM 75-00-00.
7. Performed injector cover zonal inspection IAW MM E4 08 04. Next due by 522.1
8. Performed alternator inspection IAW MM E4 08 04. Next due by 522.1
9. ADs current to biweekly revision 2017-12.
10. Performed ground run operational and leak check.

I certify this engine has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Authorized Signature [Signature] David Seastead AP3492477 IA

Ben's Motorworks

1119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-396-6090

DATE 1/17/2018 N# N14NG A/C TT 336.4
MODEL Diamond DA40NG A/C S/N 35 Hobbs 442
MODEL Austro Engine E4 ENG S/N E4-A-00193

DESCRIPTION OF WORK

Drained engine oil, Replaced cartridge oil filter with PN A-640-180-01-09. Refilled with 7 qts of Aeroshell Deisel Ultra. Inspected oil filter no metal found. Washed engine, test ran. No leaks.
SIGNED Benjamin M Kellogg [Signature] CERT # AP IA 2698724



Date: 6/6/18 N143NG S/N: 40 N143
Engine: Austro E4 S/N: E4-A-00193
Total Time: 413.7 Hobbs: 544.6

MX Aero Global LLC
2901A E. Spring St. Long Beach, CA 90806
Main: 562.912.4263
Cell: 562.881.5345

1. Performed 100 Hour Inspection using DA40NG AMM as a guide.
2. Replaced oil filter with kit P/N E4A-52-000-KIT.
3. Replaced engine oil with Shell Diesel Ultra IAW DA40NG AMM 12-10-00.
4. Performed coolant system pressure test IAW DA40NG AMM 75-00-00.
5. ADs current to biweekly revision 2018-11.
6. Performed ground run operational and leak check.

I certify this engine has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Authorized Signature [Signature] David Seastead AP3492477 IA

ENGINE MODEL E4
ENGINE S/N E4-A-00193
REG NO N143NG
WORK ORDER 3371



MX Aero Global LLC

2901 East Spring St
Long Beach, Ca 90806
Phone: 562-912-4263

DATE 7/9/2019
A/C TSN: 591.5
ENG TT: 591.5
TSMOH:
HOBBS: 786.7

Engine Entries

(Tach 591.5) Complied with 100hr/Annual inspection using Diamond Aircraft DA40NG AMM chapter 5 and FAR part 43 Appendix D as checklist as a guide. Engine oil has been drained, old oil filter removed and inspected with no defects noted. Engine serviced with Shell Diesel ultra oil using 100Hr kit 2019-11. Performed injector cover inspection, no squawks found during inspection. Used Austro Engine MM CH: 85-00-11, 85-00-12, as a guide for removal and installation. Complied with AD 2018-07-16 for wastegate controller p/n E4A-41-120-000 and spring clip p/n E4A-41-100-801 replacement per Para G with MSB-E4-022/5 Para. 2.1 as a guide.
next compliance of this AD is due at tach 841.5. Removed and Replaced Turbocharger w/BPA as a unit due to internal leak. P.N. E4A-00-410-000 and all corresponding hardware, using Austro Engine MM CH: 78-00-12 as a guide, post operational and leak check now good.

DATE 7/9/2019

SIGNED [Signature]

Ymael Galera, License A&P 3587770 IA

Work Order: 3371

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Section 3A: Engine Service and Maintenance Log

A2

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
BROUGHT FORWARD						

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENT)

Ben's Motorworks

4119 W. Commonwealth Ave Hanger D28 Fullerton Ca 92833 714-996-6090

DATE 4/1/2019 **N#** N14NG **A/C TT** 534.9

MODEL Diamond DA40NG **A/C S/N** 35

MODEL Austro Engine E4 **ENG S/N** E4-A-00193

DESCRIPTION OF WORK

Drained engine oil, Replaced cartridge oil filter with PN A-640-180-01-09. Refilled with 7 qts of Aeroshell Deisel Ultra. Inspected oil filter no metal found. Washed engine, test ran. No leaks.

SIGNED Benjamin M Kellogg *[Signature]* CERT # AP IA 2698724

ENGINE MODEL E4
ENGINE S/N E4-A-00193
REG NO N143NG
WORK ORDER 3371



MX Aero Global LLC
2901 East Spring St
Long Beach, Ca 90806
Phone: 562-912-4263

DATE 7/24/2019
A/C TSN 593.4
ENG TT 593.4
TSMOH
HOBBS 791.4

Engine Entries

(Tach 593.4) Performed 300HR maintenance on alternator. Converted alternator P.N. E4A-91-000-00 with new alternator P.N. E4A-91-400-000 and connector kit P.N. E4A-95-R11-000 using AE300 MM CH. 24-00-11 and 71-50-902 as guides. Performed 300HR maintenance on Gearbox oil and filter by exchanging gear oil shell sprax and serviced using DA40NG AMM CH. 12-00. Replaced gearbox oil filter P.N. E4A-7C-000-806 using AE300 MM CH. 85-10 as reference. Performed injector cover inspection, no squawks found during inspection. Used Austro Engine MM CH. 85-00-12, 85-00-12 as a guide for removal and installation, next due for inspection/replacement @ tach 893.4. (Tach 593.4) Performed 600 HR inspection on Two Mass Flywheel. Flywheel failed inspection, replaced with new flywheel P.N. E4A-73-000-000-KIT S.N. 02035 using AE300 MM CH. 85-10-60 as reference. Performed ops check, flywheel functions as it should. Performed 600 HR replacement of High Pressure Pump. Replaced unit with P.N. E4A-30-000-000 S.N. 18-11-05-02-00013 using AE300 MM CH. 73-00-40 as reference. Performed ops check, HPP functions as it should, no leaks present. Performed 600 HR replacement of oil coolant. Drained all existing coolant using DA40NG MM CH. 75-00 and replenished coolant system with 6 liters of Glysanin Protect Plus G48 P.N. 10012425 using DA40NG MM CH. 12-10 as a reference. Performed pressure test of cooling system, no leaks present. Performed ops check, coolant level at MAX after run up, no leaks present, next due for inspection/replacement @ tach 1193.4. (Tach 593.4) Performed 600 HR maintenance of replacing the High Pressure Pump. Replaced unit with P.N. E4A-30-000-000 S.N. 18-11-05-02-00013 using AE300 MM CH. 73-00-40 as reference. Performed ops check, HPP functions as it should, no leaks present, next due for replacement @ tach 1193.4

DATE 7/24/2019

SIGNED

Mario Vargas A&P #218967

Work Order 3371

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9/9/2020: N143NG Diamond DA40 S/N 40 N143 Tach/Hobbs: 659.2 898.4
ENGTT: 659.2 PROPTT: 659.5 W/O 22627

- 100 Hour inspection
- Replace oil filter with p/n kit E4A-52-00-KIT.
- Replaced fuel filter with new WK724_3 filter.
- Replaced oil with 7 qts Aeroshell Ultra SW30 oil.
- AD 2018-07-16 due at tach 841.5.

This engine has been inspected and serviced in accordance with the Diamond DA 40 NG maintenance manual 100 hour inspection checklist and has been found to be in an airworthy condition at this time.

Larry Vidal A&P# 2713446 IA
(714) 526-6611

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TOTALS
PREVIOUS
TOTALS
TOTALS
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ENGINE MODEL E4-A
ENGINE S/N E4-A-00193
REG NO N143NG
WORK ORDER 6381-02-2021

Waterford Aviation, Inc.

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

DATE 05 February 2021
A/C TSN: 699.5
ENG TT: 699.5
TSMOH
TACH: 699.5

Engine Entries

C/W AD 2020-22-14 Reciprocating Engine Supercharger by installation of wastegate control rod fail-safe bridge and new spring loaded circlip IAW Terminating Action section 2.1 of Austro Engine MSB-E4-022/S. No further action required.

DATE 05 February 2021

SIGNED

Luke A&P 3695185

Work Order: 6381-02-2021

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ENGINE MODEL
ENGINE S/N E4-A-00193
REG NO N143NG
WORK ORDER 0291



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 1B5
Fort Worth, TX 76106
Phone: 562.881.5345

DATE 3/26/2021
A/C TSN: 708.2
ENG TT: 708.2
HOBBS: 968.8

Engine Entries

- Replaced charge tube clamps
- Replaced cylinder head drain connection o-rings and gaskets
- Replaced alternator belt E4A-74-000-801

DATE 3/28/2021

SIGNED

David Seastead, License: AP3492477 IA

Work Order: 0291

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ENGINE MODEL
ENGINE S/N E4-A-00193
REG NO N143NG
WORK ORDER 0295



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 1B5
Fort Worth, TX 76106
Phone: 562.881.5345

DATE 6/4/2021
A/C TSN: 747.3
ENG TT: 747.3
HOBBS: 1019.7

Engine Entries

- Performed 100 Hour inspection using DA40NG AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox magnetic chip collector

I certify this engine has been inspected IAW a 100 Hour inspection and was determined to be in airworthy condition.

DATE 6/4/2021

SIGNED

David Seastead, License: AP3492477 IA

Work Order: 0295

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ENGINE MODEL
ENGINE S/N E4-A-00193
REG NO N143NG
WORK ORDER 0396



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 1B5
Fort Worth, TX 76106
Phone: 562.881.5345

DATE 8/17/2021
A/C TSN: 843.8
ENG TT: 843.8
HOBBS: 1151.1

Engine Entries

- Performed 100 Hour inspection using DA40NG AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox magnetic chip collector

I certify this engine has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

DATE 8/17/2021

SIGNED

Chad Cox, License: AP3782800 IA

Work Order: 0396

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Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD							

ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 0409



Premier Aircraft Service, Inc.

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

DATE: 9/9/2021
A/C TSN: 1202.2
ENG TT: 1202.2
HOBBS: 1276.7

Engine Entries

- Performed 300hr injector cover zonal inspection
- Performed 300hr alternator inspection
- Replaced gear oil and filter
- Replaced fuel injectors
- Replaced air filter

DATE: 9/9/2021

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0409

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Make: Diamond
Model: DA40 NG
S/N: 40.N143
REG NO: N143ng



Diamond Fleet & Aviation Services LLC

5070 S. Collins suite 205,
Arlington, TX 76018
Phone: 817-575-7828

Date: 10/07/2021

Hobbs: 1,286.4

A/C TSN: 942.1

ENG TT: 942.1

Engine entry:

- Performed 100 hour inspection using DA40ng AMM as a guide
- Change oil (Aeroshell Diesel Ultra) and oil filter
- Performed ground run operation and leak check

I certify this engine has been inspected IAW a 100 hour inspection and was determined to be in a
airworthy condition.

Date: 10/07/2021

SIGNED:

Austin Paden AP: 4494928

ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 0502



Premier Aircraft Service, Inc.

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

DATE: 12/23/2021
A/C TSN: 1202.2
ENG TT: 1202.2
HOBBS: 1402.1

Engine Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox magnetic chip collector
- Replaced induction hose
- Performed 1000Hr timing chain inspection

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

DATE: 12/23/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0502

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wo: N143NG 2022.06.22 Scheduled



Diamond Fleet & Aviation Services - 5070 S. Collins S. Suite 205 - Arlington, TX 76018 - 9012474808

N143NG
HOBBS: 1547.6

Austro Engine, E4-A, S/N: E4-A-00193
TACH: 1133.6
TTSN: 1133.6

July 14, 2022
SMOH: 1133.6

1. 100 Hour Inspection - Completed ICW Annual Inspection. Next due @ 1231.4 TACH.
2. Annual Inspection - Inspections Completed IAW DA40NG AMM, AE300 EMM & FAR 43 Appendix D. Drained and serviced engine with 7 quarts Aeroshell Diesel Ultra. Removed, inspected, and replaced engine oil filter. Drained and serviced gearbox with 3 quarts Shell Spirax 75w80. removed and replaced transmission oil filter. ADs complied with through current bi-week. Next due July 2023.
3. Turbocharger compressor wheel oil seal leaking into compressor vanes and charge air tubing - Removed turbocharger (p/n K16-904-6 s/n UB50298702-00071) and installed new-serviceable turbocharger (p/n same s/n 50051565-00030) IAW AE300 EMM current revision. Leak/Ops check ok.

With respect to the work performed, this engine has been found to be in an airworthy condition and is approved for return to service. Details of work performed are on file with Diamond Fleet & Aviation Services under work order: N143NG 2022.06.22 Scheduled.

Michael Smith A&P/IA 3906663

ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 0712



Premier Aircraft Service, Inc.

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

DATE: 11/18/2022
A/C TSN: 1202.2
ENG TT: 1202.2
HOBBS: 1640.7

Engine Entries

- Replaced oil and filter. Serviced with Aeroshell Diesel Ultra
- Inspected gearbox chip collector
- Performed 300hr gearoil and filter change
- Performed 300hr Injector Cover Zonal Inspection
- Performed 300hr Alternator Inspection
- Replaced alternator brush pack E4A-91-410-000
- Replaced HPP with new E4A-30-000-BHY S/N 22-02-15-02-00118
- Replaced WGA spring clip
- Changed coolant
- Replaced flywheel with new E4B-73-000-000-KIT S/N 06408
- Replaced crank seal E4A-13-000-000
- Replaced oil baffle panel E4A-51-000-401
- Replaced gearbox input shaft seal E4A-70-000-825

DATE: 11/18/2022

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0712

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ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 0736



Premier Aircraft Service, Inc.

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

DATE: 1/4/2023
A/C TSN: 1228.4
ENG TT: 1228.4
HOBBS: 1676.5

Engine Entries

- RSB E4-028 Replaced fuel pressure sensor

DATE: 1/4/2023

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0736

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ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 0789



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562 881 5345

Engine Entries

- Replaced governor with overhauled P-853-16 S/N 20G754-K/G

DATE: 2/27/2023

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0789
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ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 0836



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562 881 5345

Engine Entries

- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox magnetic chip collector

DATE: 5/2/2023

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0836
Printed by EBIS 3 (datamedia.com)

ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 0905



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562 881 5345

Engine Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox magnetic chip collector

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

DATE: 8/3/2023

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0905
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ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193
REG NO: N143NG
WORK ORDER: 1160



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562 881 5345

Engine Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox magnetic chip collector

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

DATE: 9/17/2024

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 1160
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TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

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DATE: 2/27/2023
A/C TSN: 1307
ENG TT: 1307
HOBBS: 1761

MAKE: Diamond
MODEL: DA40NG
S/N: 40 N143
REG NO: N143NG
ENGINE MODEL: AE300
ENGINE S/N: E4-A-00193



3804 Falcon Way W
Hangar 18S
Fort Worth TX 76106

W/O #: 1563
DATE: 10-22-2025
ENG TT: 1461.5
Tach: 1461.5
Hobbs: 1990.2

Engine Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Changed gearbox oil. Serviced with Shell Spirax S6 GXME
- Inspected gearbox chip collector

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

DATE: 10-22-2025

SIGNED:

David Seastead
License: AP3492477 IA

WORK ORDER: 1563
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