

AIRCRAFT TECHNICAL RECORD

Section 2. INSTALLATIONS & MODIFICATIONS LOG

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INSTALLATIONS & MODIFICATIONS

1. Nationality and Registration: N168
2. Manufacturer's Designation: DA 40 NG
3. Record of:
 - a. Engine Installations
 - b. Propeller Installations
 - c. Airworthiness Directives (A/D)
 - d. Service Bulletins (S/B)
 - e. Special Inspections (S/I)
 - f. Modifications (MODS)

13-12326





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942620233 PO: 1032719 : 40-20177
ATP AIRCRAFT TECHNICAL LOG SECTION

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1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking Number: SI205041	
4. Organizations Name and Address: Diamond Aircraft Industries Inc. 1560 Crumlin Sideroad London, Ontario N5V1S2				5. Work Order/Contract/Invoice PO22-00115		
6. Item: 1	7. Description: Winglet, RH Customer Support Replacement Compone	8. Part Number: D44-5732-00-00_02MD1	9. Quantity: 1	10. Serial/Batch Number: CS0724770-10000 (1)	11. Status/Work: NEW	
12. Remarks: Customer Reference PO22-00115						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i>			
13b. Signature 		13c. Approval Organization Number  /161-93		14b. Signature		14c. Approved Organization Number
13d. Name Derreck Leenders		13e. Date (dd/mmm/yyyy): 11/Aug/2022		14d. Name		14e. Date (dd/mmm/yyyy):
30 Dec 2008(Previously form 24-0078)						
Installer Responsibilities						
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified. Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

TACH.: 43.4

N168

10/6/23

1. Approving Civil Aviation Authority/Country

Transport Canada

2.

**AUTHORIZED RELEASE CERTIFICATE
FORM ONE**

3. Form Tracking Number:

SI222207

4. Organizations Name and Address:

Diamond Aircraft Industries Inc.
1560 Crumlin Sideroad
London, Ontario N5V1S2

5. Work Order/Contract/Invoice

SN: E4-A-06518

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	Oil Sump Gasket	E4A-05-000-003	1	RC2400889 (1)	NEW
2	Main Bearing Screw	E4A-10-100-202	6	RC2400880 (6)	NEW
3	O-Ring	DIN3771-16X3-ACM70	1	RC2400880 (1)	NEW
4	Gasket, Copper, 14x18x2.0	DIN7603-14X18X2.0	2	RC2401113 (2)	NEW
5	Gasket	E4A-05-000-104	1	RC2401113 (1)	NEW
6	O-ring	OR_7.8X3.2-ACM70	1	RC2401113 (1)	NEW
7	Gasket, 12x16	DIN7603-A12X16-AL	2	RC2106212 (2)	NEW
8	Gasket, 14x20	DIN7603-A14X20-CU	1	RC2401112 (1)	NEW
9	Gasket, Exhaust	E4A-04-000-003	1	RC2401112 (1)	NEW
10	Nut, Hex, M10 with flange	2142110	4	RC2400375 (4)	NEW
11	Nut, Self-Locking	NAS1758L8	1	RC2401112 (1)	NEW

12. Remarks: Customer Reference PO# 4957

13a. Certifies that the items identified above were manufactured in conformity to:

 Approved design data and are in condition for safe operation

 Non-approved design data specified in Block 12.
14a. CAR 571.10 Maintenance Release
 Other regulations specified in block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the
Canadian Aviation Regulations

13b. Signature



13c. Approval Organization Number

/161-93

14b. Signature

14c. Approved Organization Number

13d. Name

Derreck Leenders

13e. Date (dd/mmm/yyyy):

06/Feb/2024

14d. Name

14e. Date (dd/mmm/yyyy):

30 Dec 2008(Previously form 24-0078)

Installer Responsibilities

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.

Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

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1. Approving Competent Authority / Country Austro Control GmbH Austria	2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1	3. Form Tracking Number AE048675
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4. Organisation Name and Address Austro Engine GmbH Rudolf Diesel Straße 11 2700 Wr. Neustadt, AUSTRIA	5. Work Order / Contract / Invoice ES241209
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6. Item	7. Description	8. Part No.	9. Quantity	10. Serial No.	11. Status / W
1	system turbocharger and EPW	E4A-00-410-BHY Iss. AC3	1	YL6057829600036	New

12. Remarks General NONE

13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12	14a. <input type="checkbox"/> Part-145.A.50 Release to Service <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12 the work identified in block 11 and described in block 12 was accomplished in accordance with Part-145 and in respect to that work, the items are considered ready for release to service.
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13b. Authorised Signature 	13c. Approval /Authorisation Number AT.21G.0010	14b. Authorised Signature	14c. Certificate / Approva Reference Number
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13d. Name 	13e. Date (dd mmm yyyy) 02 APR 2024	14d. Name	14e. Date (dd mmm yyyy)
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USER / INSTALLER RESPONSIBILITIES
 This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

N168
4-9-24

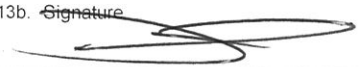

1. Approving Civil Aviation Authority/Country Transport Canada	2. AUTHORIZED RELEASE CERTIFICATE FORM ONE	3. Form Tracking Number: SI223933
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4. Organizations Name and Address: Diamond Aircraft Industries Inc. 1560 Crumlin Sideroad London, Ontario N5V1S2	5. Work Order/Contract/Invoice CASE 00161242
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	Bushing, Flanged, Copper	EGF25215-E40-B	2	RC2400616 (2)	NEW
2	Shim, NG Leg Assy, DA40 NG	DIN988-25X36X0.1	2	RC1906658 (2)	NEW
3	Gasket, Exhaust	E4A-04-000-003	1	RC2401673 (1)	NEW
4	Gasket	E4A-04-000-002	1	RC2308458 (1)	NEW
5	Bolt	E4A-04-000-806	4	RC2308562 (4)	NEW
6	Nut - Locking, Copper Plated	ISO7044-M8-8-CU	4	RC2402406 (4)	NEW
7	Washer	E4A-04-000-804	4	RC2308693 (4)	NEW
8	Ring Sealing Form C12x16x2.0Cu	DIN7603-12X16X2.0	2	RC2402405 (2)	NEW
9	Gasket	E4A-05-000-104	1	RC2401786 (1)	NEW
10	Nut, Hex, M10 with flange	2142110	4	RC2401786 (4)	NEW
11	O-Ring, 46, 3.53MVQ70 Silicone	DIN3771-46.2X3.55	1	RC2401912 (1)	NEW

12. Remarks: **Customer Reference PO# 5018 AOG**

13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i>
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13b. Signature 	13c. Approval Organization Number  /161-93	14b. Signature	14c. Approved Organization Number
13d. Name Derreck Leenders	13e. Date (dd/mmm/yyyy): 26/Mar/2024	14d. Name	14e. Date (dd/mmm/yyyy):

30 Dec 2008(Previously form: 24-0078)

Installer Responsibilities

This certificate does not constitute authority to install.
 Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.
 Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

N168
4/9/24



1. Approving Civil Aviation Authority/Country Transport Canada	2. AUTHORIZED RELEASE CERTIFICATE FORM ONE	3. Form Tracking Number: SI223933
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4. Organizations Name and Address: Diamond Aircraft Industries Inc. 1560 Crumlin Sideroad London, Ontario N5V1S2	5. Work Order/Contract/Invoice CASE 00161242
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
12	Clamp, Hose	TORRO_60-80_12_W1	14	RC2401900 (14)	NEW
13	Clamp	TORRO_60-80_9_W1	2	RC2401900 (2)	NEW
14	Ring Sealing Form C12x16x2.0Cu	DIN7603-12X16X2.0	2	RC2402405 (2)	NEW
15	Gasket, 12x16	DIN7603-A12X16-AL	2	RC2401786 (2)	NEW
16	O-ring HPP	DIN3771_44X3_ACM70	1	RC2301491 (1)	NEW

12. Remarks: **Customer Reference PO# 5018 AOG**

13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i>
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13b. Signature 	13c. Approval Organization Number  /161-93	14b. Signature	14c. Approved Organization Number
13d. Name Derreck Leenders	13e. Date (dd/mmm/yyyy): 26/Mar/2024	14d. Name	14e. Date (dd/mmm/yyyy):

30 Dec 2008(Previously form 24-0078)


Installer Responsibilities

This certificate does not constitute authority to install.

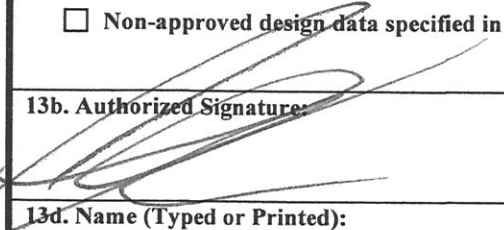
Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.

Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

N168
4/9/24

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking Number: SI224629
4. Organizations Name and Address: Diamond Aircraft Industries Inc. 1560 Crumlin Sideroad London, Ontario N5V1S2				5. Work Order/Contract/Invoice CASE 00163486	
6. Item: 1	7. Description: Relay	8. Part Number: 70-903	9. Quantity: 3	10. Serial/Batch Number: RC2401639 (3)	11. Status/Work: NEW
12. Remarks: Customer Reference 5038 AOG					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i>		
13b. Signature 	13c. Approval Organization Number /161-93		14b. Signature	14c. Approved Organization Number	
13d. Name Derreck Leenders	13e. Date (dd/mmm/yyyy): 15/Apr/2024		14d. Name	14e. Date (dd/mmm/yyyy):	
30 Dec 2008(Previously form 24-0078)					
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified. Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

N168

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 09.05.23.10.00.22	
4. Organization Name and Address: Lamar Technologies, LLC 14900 40 th Ave. NE, Marysville, WA 98271				5. Work Order/Contract/Invoice Number: DS: 332289 (PT2242NM)		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1.	VOLTAGE REGULATOR, 28V	VR2000-28-1	1 Ea.	80Y72805	New	
12. Remarks: This article is a subcomponent of TSO-C56a; as a result the ID label will state "Meets TSO-C56a Incomplete."						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PT2242NM	14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): Chris Zacher		13e. Date (dd/mmm/yyyy): 05/Sep/2023	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

N168
10/16/23