

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Altimeter Scale Correction Card

Altimeter P/N: 6420302-1
Serial Number: K24-10263

	RECORDABLE CONCESSION REPORT				RECORDABLE CONCESSION REPORT	
8. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR CONCESSIONS						
8.1. Special Spare Part Required						
☐ No ☒ Yes → Specify:						
8.2. Additional Inspections Required At:						
☒ No ☐ Yes → Specify:						
8.3. Instructions in AFM Affected		Chpt:	Page:	Is:	Page:	
☒ No ☐ Yes → Specify:						
8.4. Instructions in AMM Affected		Chpt:	Page:	Is:	Page:	
☒ No ☐ Yes → Specify:						

AIRCRAFT

1. Nationality and Registration:

N286LA
2. Manufacturer's designation:

DA 62
3. Manufacturer's Serial Number:

62.C102
4. Type Approval or Specification Number:

A00012NY
5. Date of Manufacture:

2025
6. Aircraft Inspections cycle:

Altimeter Scale Correction Card

Altimeter P/N: 6420302-1
Serial Number: K24-10263

D
REFERENCE ALTIMETER REFERENCE ALTIMETER

AIRCRAFT

		RECORDABLE CONCESSION REPORT		1.3. NCR in DAI-System: NCR24-5562		1.4. NCR REV: A					
1. DOCUMENT IDENTIFICATION		1.1. Manufacturer: DAIC		1.2. Manufacturer Ref. No.: 24-5562		1.5. Sheet 1 of 2					
2. IDENTIFICATION OF PRODUCT EFFECTED											
2.1. Type of product/program: DA 62		2.2. Part number: D67-0055-01-00X01		2.3. Part Description: INST: Elevator to H-Stab+TKS		2.4. Drawing No. / Revision: D67-2735-03-00 Rev H					
2.5. Part serial / batch / lot number 62.C105-120000		2.6. Assy serial number: 62.C105-120000		2.7. Product number (A/C Nr.): 62.C105		2.8. Quantity.: 1					
2.9. Work/Purchase order number: 62.C105-120000											
3. DESCRIPTION OF NON-CONFORMANCE				4. DISPOSITION OF CONCESSION BY THE DESIGN HOLDER (DH)							
3.1. Detailed description ("should be" and "is"): Elevator deflections do not meet the required min. per D67-0827-10-00_01. IAW DWG D67-2735-03-00 ITEM 32,33,34,37 do not allow for min deflections of the elevator in the upper position. Upper travel with a D67-2735-03-05 (30mm) stop bushing is 16.5 Limit is 18±0.5. 24 mm diameter stop would achieve 18 degrees of travel				4.1 Classification: Minor ☒ Major Repair, Compliance documents attached ☐							
				4.2 Decision: Concession accepted (use as is) ☒ Concession accepted after repair ☐ Concession rejected ☐							
				4.3. Limitations imposed on the part: ☒ NO ☐ Yes: see Instructions for Continuous Airworthiness in Block 8.							
5. NON-CONFORMANCE RESOLUTION:		Manufacture and install reduced OD bushing (similar to D67-2735-03-08 with an OD of 24mm) to meet the deflections required per D67-0827-10-00_01 Elevator. Install bushing per normal procedures per D67-2735-03-00,		4.4 Flight operations affected: ☐ NO ☒ Yes: see Instructions for Continuous Airworthiness in Block 8.							
6. SIGNATURES		6.1. Originator		6.2. QA MRB		6.3. Engineering		6.4. ENG MRB		6.5. Airworthiness	
Function		Preparing of concession		Approval		Technical Evaluation		Approval		Airworthiness Evaluation	
Name:		L.Beierling		L.Beierling		I. Kubrak		I. Kubrak		T. Maksoud	
Signature:											
Date: dd/mm/yy		02-Apr-2025		02-Apr-2025		02-Apr-2025		02-Apr-2025		02-Apr-2025	
7. CLOSING & DISTRIBUTION BY QA											
Name:		L.Beierling		☐ OoA (original)		☐ Customer Support					
Signature:				☐ Originator		☐ PL-COMPOSITE					
Date: dd/mm/yy		03-Apr-2025		☒ Final Assembly		☐ QSL-PMS					
				☐ Austro Engine		☒ other: Customer (attached to AC logbook)					

and Registration: N286LA
er's designation: DA 62
er's Serial Number: 62.C102
val or Specification Number: A00012NY
uufacture: 2025
ections cycle:

Form Q-189A



	RECORDABLE CONCESSION REPORT			1.3. NCR in DAI-System: NCR24-	1.4. NCR REV: A
				1.2. Manufacturer Ref. No.:24-	1.5. Sheet 2 of 2
8. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR CONCESSIONS					
8.1. Special Spare Part Required ☐ No ☒ Yes → Specify:				Use BU6-24-06-0708-N2 instead of D67-2735-03-08	
8.2. Additional Inspections Required At: ☒ No ☐ Yes → Specify:				Action:	
8.3. Instructions in AFM Affected ☒ No ☐ Yes → Specify:	Chpt:	Page:	Is:	To be replaced with:	
8.4. Instructions in AMM Affected ☒ No ☐ Yes → Specify:	Chpt:	Page:	Is:	To be replaced with:	

	
1.	DOCUMENT IDENTIFICATION
2.	IDENTIFICATION OF PRODUCT
2.1. Type of product/program: DA 62	
2.5. Part serial / batch / lot number: 52.C102-10000	
3. DESCRIPTION OF NON-CONFORMANCE	
3.1. Detailed description ("should be" vs "is"): The Optional Alt. spray shield bushing bracket. (Item 23 I.A.W drawing no. 52.C102-10000) when hardware is tightened.	
4. NON-CONFORMANCE RESOLUTION:	
5. SIGNATURES	
Function	
Name:	
Signature:	
Date: dd/mm/yy	
6. CLOSING & DISTRIBUTION	
Name:	
Signature:	
Date: dd/mm/yy	

Altimeter Scale Correction Card

Altimeter P/N: 6420302-1
Serial Number: K24-10263

REFERENCE	ALTIMETER	REFERENCE	ALTIMETER
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RECORDABLE CONCESSION REPORT

1.3. NCR in DAI-System:
NCR24-5391

1.4. NCR REV: A

1. DOCUMENT IDENTIFICATION		1.1. Manufacturer: DAIC		1.2. Manufacturer Ref. No.:24-5391		1.5. Sheet 1 of 2					
2. IDENTIFICATION OF PRODUCT EFFECTED											
2.1. Type of product/program: DA 62		2.2. Part number: D64-2416-30-00_01ASY		2.3. Part Description: Assy, Optional Alternator		2.4. Drawing No. / Revision: D67-7106-11-00X01 REV G					
2.5. Part serial / batch / lot number 62.C102-10000		2.6. Assy serial number: 62.C102		2.7. Product number (A/C Nr.): 62.C102		2.8. Quantity: 1					
2.9. Work/Purchase order number: 62.C102-10000											
3. DESCRIPTION OF NON-CONFORMANCE				4. DISPOSITION OF CONCESSION BY THE DESIGN HOLDER (DH)							
3.1. Detailed description ("should be" and "is"): The Optional Alt. spray shield bushing is too small for the gap between the spray shield and the mounting bracket. (Item 23 I.A.W drawing no. D67-7106-11-00X01 page 3 zone B4). The spray shield might crack when hardware is tightened.				4.1 Classification: Minor ☒ Major Repair, Compliance documents attached ☐							
				4.2 Decision: Concession accepted (use as is) ☐ Concession accepted after repair ☒ Concession rejected ☐							
				4.3. Limitations imposed on the part: ☒ NO ☐ Yes: see Instructions for Continuous Airworthiness in Block 8.							
				4.4 Flight operations affected: ☐ NO ☒ Yes: see Instructions for Continuous Airworthiness in Block 8.							
5. NON-CONFORMANCE RESOLUTION:		Instead of BU2-14-06-0080-B5 use BU2-14-06-0110-B5 (ALT Y4) at the Alternator Spray Shield top mounting hole.									
6. SIGNATURES		6.1. Originator		6.2. QA MRB		6.3. Engineering		6.4. ENG MRB		6.5. Airworthiness	
Function		Preparing of concession		Approval		Technical Evaluation		Approval		Airworthiness Evaluation	
Name:		L.Beierling		L.Beierling		I. Kubrak		I. Kubrak		T. Maksoud	
Signature:											
Date: dd/mm/yy		03-Apr-2025		03-Apr-2025		03-Apr-2025		03-Apr-2025		04-Apr-2025	
7. CLOSING & DISTRIBUTION BY QA				☐ OoA (original) ☐ Originator ☒ Final Assembly ☐ Austro Engine				☐ Customer Support ☐ PL-COMPOSITE ☐ QSL-PMS ☒ other: Customer (attached to AC logbook)			
Name:		L.Beierling									
Signature:											
Date: dd/mm/yy		04-Apr-2025									

AIRCRAFT

nd Registration: N286LA

er's designation: DA 62

er's Serial Number: 62.C102

val or Specification Number: A00012NY

ufacture: 2025

ections cycle:



Altimeter Scale Correction Card

Altimeter P/N: 6420302-1
Serial Number: K24-10263

REFERENCE ALTITUDE IN FT	ALTIMETER READS	REFERENCE ALTITUDE IN FT	ALTIMETER READS
-1,000	-998	17,000	17,013
0	0	18,000	18,013
500	500	20,000	20,016
1,000	998	22,000	22,017
1,500	1,499	25,000	25,017
2,000	2,002	30,000	30,019
3,000	3,001	35,000	35,019
4,000	4,001	40,000	40,018
5,000	5,000	45,000	45,014
6,000	6,002	50,000	50,010
8,000	8,006		
10,000	10,006		
11,000	11,006		
12,000	12,006		
14,000	14,010		
16,000	16,013		

Tested By: JH 692 Date: 10/24/2024
9018546 Rev. 8/7/2015 MD302 card.xls

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www.aerotransport.com

AIRCRAFT

1. Nationality and Registration:

N286LA
2. Manufacturer's designation:

DA 62
3. Manufacturer's Serial Number:

62.C102
4. Type Approval or Specification Number:

A00012NY
5. Date of Manufacture:

2025
6. Aircraft Inspections cycle:

Section 1: Airframe Log



Registration: N286LA
AC Serial Number: 62.C102
LH Engine Serial Number: E4P-C-06603
RH Engine Serial Number: E4P-C-06602
LH Prop Serial Number: 241933
RH Prop Serial Number: 241932
Airframe Total Time: 4.7 HRS

Total Time Airframe Brought forward from Production Test Flight Journey Log (DAI - Form Q-224): 4.7 HRS

Compass Swing Performed:

- Date: MAY 06 2025
- Next Due: MAY 2026

FOR	N	30	60	E	120	150
STEER	360	029	059	088	119	150
FOR	S	210	240	W	300	330
STEER	179	209	240	270	300	330

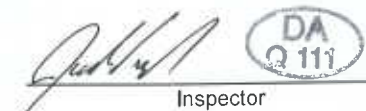
Static Pressure system and Primary Altimeter (G1000) have been inspected and tested in accordance with CAR Standard 571, Appendix B and 14 CFR 91.411:
Test Date: MARCH 20 2025
Next Due: MARCH 2027

Standby Altimeter:
Factory Test Date: OCTOBER 24 2024
Next Due: OCTOBER 2026

ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, Appendix F and 14 CFR 91.217: & 91.413:
Test Date: MARCH 21 2025
Next Due: MARCH 2027
Programmed Registration: N286LA
Hex Code: N/A (USA Registration)

The ELT was tested and inspected in accordance with CAR Standard 571, Appendix G and 14 CFR 91.207(d):
Manufacturers Inspection: OCTOBER 2024
Installation Inspected: MAY 06 2025
Battery due: AUGUST 2031
Next ELT inspection due: MAY 2026
ELT Programmed:
REG: N286LA
Hex ID: N/A
Country: 366 (USA)
15 Hex ID: ADC64999315A781

Garmin G1000 NXi Installation:
System: 3787.05
Checklist File: N/A
Basemap Land 5.21
SafeTaxi Data: Expires 12-JUN-2025
Terrain Data: 3.00
Obstacle Data: Expires 12-JUN-2025
Navigation Data: Expires 12-JUN-2025
Apt Directory: Expires 12-JUN-2025
FliteCharts Data: Expires 12-JUN-2025
IFR/VFR charts: Date: 15-MAY-2025



MAY 20 2025
date

(Continued next page)



Registration: N286LA
AC Serial Number: 62.C102
LH Engine Serial Number: E4P-C-06603
RH Engine Serial Number: E4P-C-06602
LH Prop Serial Number: 241933
RH Prop Serial Number: 241932
Airframe Total Time: 4.7 HRS

Following limitations as per DA 62 AMM Chapter 4,5 (subject to change with revision):

Component	Hours	Years	Next Due:
ECU backup batteries LH/RH	-N/A-	1 yr. +/- 30 days	MARCH 2026
Bonding system and static discharging system.	1000 +/- 50 Hrs.	4 yrs. +/- 60 days	1000 Hrs. or MARCH 2029
Emergency battery package (if MAM 62-002 is NOT installed)	-N/A-	2 yrs. +/- 30 days	N/A; MAM 62-002 Incorporated.

- The following STC's are incorporated:
 - FAA STC No. SA000181B (Beringer wheel and brake system)
- THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS).
- I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO FAA TYPE CERTIFICATE A00012NY Revision No. 2, AND IS IN A FIT AND SAFE STATE FOR FLIGHT.
- Bi-weekly AWD check carried out to current revision 2025-10 all applicable AD's complied with
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.
- For the latest and most applicable maintenance requirements, please refer to the Diamond Aircraft Maintenance Manual (AMM).

Inspector
(Intentionally left blank below this point)

MAY 20 2025
date

U.S. Standard Airworthiness Certificate, issued:
(Date) MAY 26 2025, has been installed in the
Aircraft, on behalf of FAA Farmingdale Certificate Management
Section AIR-855, on:

(Date) MAY 26 2025
(Print) R. Salton (Signature)



Section 1: Airframe Log

2a

2b

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)	NAME/ SIGNATURE	LICENCE AME or AMO/AC
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL			
	HRS	MIN	HOURS	MIN					
CARRIED FORWARD									



AMO 161-93

Aircraft Reg: N286LA
Work Order: S0075396

Date: June 26, 2025

	Model	Make	SN	TSN	Hrs.
Airframe	Diamond	DA 62	62.C102	TSN:	4.7 Hrs.
LH Engine	Austro	E4P-C	E4P-C-06603	TSN:	4.7 Hrs.
RH Engine	Austro	E4P-C	E4P-C-06602	TSN:	4.7 Hrs.
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241933	TSN:	4.7 Hrs.
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241932	TSN:	4.7 Hrs.

- The following work has been performed:
- G1000 databases updated as required.
 - LH engine Piston/Conrod replacement performed at this time. Reference Diamond Aircraft Industries Inc. AMO 161-93 Form One Tracking # RO-4975:
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00082 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: XDQQ, #2 SN: XDO2, #3 SN: XDJ3, #4 SN: XDKE
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSB's & FAA AD's:
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
 - LH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant PN: 10012425.
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement and engine reinstallation:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check. Found serviceable.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.120 IPS @ 2000 RPM.
 - RH engine Piston/Conrod replacement performed at this time. Reference Diamond Aircraft Industries Inc. AMO 161-93 Form One Tracking # RO-4974:
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00088 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: WHI9, #2 SN: WHBV, #3 SN: WHAR, #4 SN: WHI4
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSB's & FAA AD's:
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
 - RH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant PN: 10012425.
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement and engine reinstallation:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check. Found serviceable.
 - Minor composite repair carried out on RH intercooler scoop at this time.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.190 IPS @ 2000 RPM.

An independent inspection has been carried out on the engine controls affected by the work performed.

Signature:

ACA:

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

Signature:

ACA:



AMO 161-93

Aircraft Reg: N286LA
Work Order: S0075396

Date: June 27, 2025

	Model	Make	SN	TSN	Hrs.
Airframe	Diamond	DA 62	62.C102	TSN:	5.8 Hrs.
LH Engine	Austro	E4P-C	E4P-C-06603	TSN:	5.8 Hrs.
RH Engine	Austro	E4P-C	E4P-C-06602	TSN:	5.8 Hrs.
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241933	TSN:	5.8 Hrs.
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241932	TSN:	5.8 Hrs.

- The following work has been performed:
- Replaced MidContinent MD302 SAM unit PN: 6420302-1:
 - Removed SN: K24-10263
 - Installed SN: D25-12189

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

Signature:

ACA:

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REF)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							



AMO 161-93

Aircraft Reg: N286LA
Work Order: S0075396

	Model	Make	SN
Airframe	Diamond	DA 62	62.C102
LH Engine	Austro	E4P-C	E4P-C-06603
RH Engine	Austro	E4P-C	E4P-C-06602
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241933
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241932

The following work has been performed:

- G1000 databases updated as required.
- LH engine Piston/Conrod replacement performed at this time. Reference Diamond Aircraft Industries Inc. AMO 161-93.
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00082 installed;
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: XDQ0, #2 SN: XDO2, #3 SN: XDJ3, #4 SN: XDKE
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSB's & FAA AD 2025-02-12 IAW Sec. 2.0
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
- LH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant PN: 100;
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.
- RH engine Piston/Conrod replacement performed at this time. Reference Diamond Aircraft Industries Inc. AMO 161-93.
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00088 installed;
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: WHI9, #2 SN: WHBV, #3 SN: WHAR, #4 SN: WHI4
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSB's & FAA AD 2025-02-12 IAW Sec. 2.0
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
- RH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant PN: 100;
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check
 - Minor composite repair carried out on RH intercooler scoop at this time.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.

An Independent Inspection has been carried out on the engine controls affected by the work

Signature: ACA: 03

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

Signature: ACA: 02

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number:	
4. Organization Name and Address: MidContinent INSTRUMENTS+AVIONICS 9400 E 34th Street N. Wichita, KS 67226-2615 PT3738CE, PQ3738CE, OL2R0611					
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	
1	Standby Attitude Module	6420302-1 MD302	3	D25-12189, D25-12194, D25-12195	
2	MD302 Connector Kit	9017646	3	N/A	
12. Remarks: THIS PART MEETS SPECIAL REQUIREMENTS OF CANADA EXPORT ITEM 1 The articles shipped under this approval were produced by Mid-Continent Instruments and Avionics. FAA/EASA 130-C37 (Type B, C, D, E, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.					
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.					
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA (AFS)-230381-CE		14b. Authorized Signature: 	
13d. Name (Typed or Printed): Rick Wagoner		13e. Date (dd/mm/yyyy): 10/Jun/2025		14d. Name (Typed or Printed): Rick Wagoner	
14e. Date (dd/mm/yyyy): 10/Jun/2025					
User/Installation 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 user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14)					

9400 E. 34th St. N.
Wichita, KS 67226
16320 Slagg Street
Van Nuys, CA 91406

Altimeter Scale Correction Card

Altimeter P/N:

6420302-1

Serial Number:

D25-12189

REFERENCE ALTITUDE IN FT	ALTIMETER READS	REFERENCE ALTITUDE IN FT	ALTIMETER READS
-1,000	-997	17,000	17,014
0	-1	18,000	18,014
500	502	20,000	20,015
1,000	1,002	22,000	22,016
1,500	1,500	25,000	25,018
2,000	2,001	30,000	30,018
3,000	3,000	35,000	35,022
4,000	4,003	40,000	40,020
5,000	5,004	45,000	45,016
6,000	6,004	50,000	50,013
8,000	8,005		
10,000	10,006		
11,000	11,006		
12,000	12,009		
14,000	14,012		
16,000	16,013		

Tested By: **1150 NS**
9018546 Rev. 8/7/2015Date: 5/2/2025
MD302 card.xls

PAGE TOTALS

CARRY FORWARD to Top of Next Page

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIR, ETC.)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							



AMO 161-93

Aircraft Reg: N286LA
Work Order: S0075396

	Model	Make	SN
Airframe	Diamond	DA 62	62 C102
LH Engine	Austro	E4P-C	E4P-C-06603
RH Engine	Austro	E4P-C	E4P-C-06602
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241933
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241932

The following work has been performed:

- 61000 databases updated as required.
- LH engine Piston/Conrod replacement performed at this time. Reference Diamond Aircraft Industries Inc. AMO 161-93.
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00082 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: XDQD, #2 SN: XDO2, #3 SN: XDJ3, #4 SN: XDKE
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSB's & FAA ADs:
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
- LH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant PN: 100
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.
- RH engine Piston/Conrod replacement performed at this time. Reference Diamond Aircraft Industries Inc. AMO 161-93.
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00088 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: WHI9, #2 SN: WHBV, #3 SN: WHAR, #4 SN: WHI4
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSB's & FAA ADs:
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
- RH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant PN: 100
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check
 - Minor composite repair carried out on RH intercooler scoop at this time.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.

An Independent Inspection has been carried out on the engine controls affected by the work.

Signature:

ACA: 03

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

Signature:

ACA: 02



1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 201224605-4	
4. Organization Name and Address: MidContinent INSTRUMENTS & AVIONICS		9400 E 34th Street N. Wichita, KS 67226-2615 PT3738CE, PQ3738CE, OL2R061L		5. Work Order/Contract/Invoice Number: PO1086977	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Standby Attitude Module	6420302-1 MD302	3	D25-12189, D25-12194, D25-12197	New
2	MD302 Connector Kit	9017646	3	N/A	New
12. Remarks: THIS PART MEETS SPECIAL REQUIREMENTS OF CANADA EXPORT ITEM 1 The articles shipped under this approval were produced by MidContinent Instruments and Avionics. FAA/FAA TSO-C31 Type B, C31, C46, C56, C106, C107, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C190, C191, C192, C193, C194, C195, C196, C197, C198, C199, C200, C201, C202, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C213, C214, C215, C216, C217, C218, C219, C220, C221, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C239, C240, C241, C242, C243, C244, C245, C246, C247, C248, C249, C250, C251, C252, C253, C254, C255, C256, C257, C258, C259, C260, C261, C262, C263, C264, C265, C266, C267, 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