



## WEIGHING REPORT

Model: DA 62

Serial Number: 62.C095

Registration N535LA

Data with reference to the Type Certificate Data Sheet and the Airplane Flight Manual.

Reference Plane: Vertical plane 2196mm (86.46in) in front of the leading edge of wing at the root rib.

Horizontal reference line: Front baggage compartment floor, right side.

Equipment Inventory dated: January 15, 2025 Cause for Weighing: ORIGINAL

Weight and Balance Calculations (Weighing at the wheels)

Weight Condition: Include brake fluid, hydraulic fluid, coolant, engine oil and unusable fuel  
(7.57 liters / 2 US gal.)

| Support      | Gross  |    | Tare |    | Net     |    |
|--------------|--------|----|------|----|---------|----|
| MAIN G1LH    | 684.02 | kg | 0    | kg | 684.02  | kg |
| MAIN G1RH    | 679.03 | kg | 0    | kg | 679.03  | kg |
| NOSE G2      | 346.54 | kg | 0    | kg | 346.54  | kg |
| Empty Weight |        |    |      |    | 1709.59 | kg |

| Lever Arm |      |    |
|-----------|------|----|
| X1LH =    | 2820 | mm |
| X1RH =    | 2822 | mm |
| X2 =      | 852  | mm |

|                                                                                                                                                                                                         |                                                  |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| Calculate the Empty Weight: $G = \text{MAIN G1LH} + \text{MAIN G1RH} + \text{NOSE G2}$                                                                                                                  | G =                                              | 1709.59 kg       |
| Weight including required equipment for operation must be between:<br>1492 kg and 1583 kg if OAM 62-018 is installed or MAM 62-001 is not installed.<br>1492 kg and 1730 kg if MAM 62-001 is installed. |                                                  |                  |
| Calculate the Empty Weight Moment:<br>$M = (G1LH \times X1LH) + (G1RH \times X1RH) + (G2 \times X2)$                                                                                                    | M =                                              | 4143.866578 kg-m |
| Calculate the Empty Weight Center-of-Gravity position: $XCG = M/G$                                                                                                                                      | XCG =                                            | 2.42 m           |
| Maximum Take Off Weight                                                                                                                                                                                 | MAM 62-001 not installed or OAM 62-018 installed | 1999 kg          |
| MTOW                                                                                                                                                                                                    | MAM 62-001 installed                             | 2300 kg          |
| Maximum useful load = MTOW - G                                                                                                                                                                          |                                                  | 590.41 kg        |

| Support      | Gross   |     | Tare |     | Net     |     |
|--------------|---------|-----|------|-----|---------|-----|
| MAIN G1LH    | 1508.00 | lbs | 0    | lbs | 1508.00 | lbs |
| MAIN G1RH    | 1497.00 | lbs | 0    | lbs | 1497.00 | lbs |
| NOSE G2      | 764.00  | lbs | 0    | lbs | 764.00  | lbs |
| Empty Weight |         |     |      |     | 3769.00 | lbs |

| Lever Arm |        |    |
|-----------|--------|----|
| X1LH =    | 111.02 | in |
| X1RH =    | 111.10 | in |
| X2 =      | 33.94  | in |

|                                                                                                                                                                                                         |                                                  |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|
| Calculate the Empty Weight: $G = \text{MAIN G1LH} + \text{MAIN G1RH} + \text{NOSE G2}$                                                                                                                  | G =                                              | 3769.00 lbs      |
| Weight including required equipment for operation must be between:<br>1492 kg and 1583 kg if OAM 62-018 is installed or MAM 62-001 is not installed.<br>1492 kg and 1730 kg if MAM 62-001 is installed. |                                                  |                  |
| Calculate the Empty Weight Moment:<br>$M = (G1LH \times X1LH) + (G1RH \times X1RH) + (G2 \times X2)$                                                                                                    | M =                                              | 359671.73 in-lbs |
| Calculate the Empty Weight Center-of-Gravity position: $XCG = M/G$                                                                                                                                      | XCG =                                            | 95.43 in         |
| Maximum Take Off Weight                                                                                                                                                                                 | MAM 62-001 not installed or OAM 62-018 installed | 4407 lbs         |
| MTOW                                                                                                                                                                                                    | MAM 62-001 installed                             | 5071 lbs         |
| Maximum useful load = MTOW - G                                                                                                                                                                          |                                                  | 1302.00 lbs      |

Record the Empty Weight (G) and the Empty-Weight Moment (M) in the Airplane Flight Manual.

|              |                                 |                   |                       |
|--------------|---------------------------------|-------------------|-----------------------|
| Place / Date | DAIC - CYXU<br>January 15, 2025 | Authorizing Stamp | Authorizing Signature |
|              |                                 |                   |                       |



| Airplane Serial No.: <i>62.C095</i> |          | Registration: <i>N535LA</i> |                  | Date: <i>JAN-15-2025</i> |           | Mass |    | Lever Arm |   |
|-------------------------------------|----------|-----------------------------|------------------|--------------------------|-----------|------|----|-----------|---|
| Description                         | Type     | Part No.                    | Manufacturer     | S/N                      | installed | lb   | kg | in        | m |
| <b>AVIONICS COOLING</b>             |          |                             |                  |                          |           |      |    |           |   |
| Avionics cooling fan # 1            | SAFE 328 | 305 467-00                  | Sandia Aerospace |                          | X         |      |    |           |   |
| Avionics cooling fan # 2            | SAFE 328 | 305 467-00                  | Sandia Aerospace |                          | X         |      |    |           |   |
| PFD cooling fan                     | SAFE 128 | 305 468-00                  | Sandia Aerospace |                          | X         |      |    |           |   |
| MFD cooling fan                     | SAFE 128 | 305 468-00                  | Sandia Aerospace |                          | X         |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |
| <b>AUTOPILOT SYSTEM</b>             |          |                             |                  |                          |           |      |    |           |   |
| Pitch servo                         | GSA 81   | 011-00878-20                | Garmin           |                          | X         |      |    |           |   |
| Pitch servo mount                   | GSM 86   | 011-01904-03                | Garmin           |                          | X         |      |    |           |   |
| Pitch clutch cartridge              |          | 011-02147-11                | Garmin           |                          | X         |      |    |           |   |
| Roll servo                          | GSA 81   | 011-00878-20                | Garmin           |                          | X         |      |    |           |   |
| Roll servo mount                    | GSM 86   | 011-01904-03                | Garmin           |                          | X         |      |    |           |   |
| Roll clutch cartridge               |          | 011-02147-09                | Garmin           |                          | X         |      |    |           |   |
| Pitch trim servo                    | GSA 81   | 011-00878-20                | Garmin           |                          | X         |      |    |           |   |
| Pitch trim servo mount              | GSM 86   | 011-01904-03                | Garmin           |                          | X         |      |    |           |   |
| Pitch trim clutch cartridge         |          | 011-02147-09                | Garmin           |                          | X         |      |    |           |   |
| Yaw servo                           | GSA 80   | 011-00877-20                | Garmin           |                          | X         |      |    |           |   |
| Yaw servo mount                     | GSM 86   | 011-01904-03                | Garmin           |                          | X         |      |    |           |   |
| Yaw clutch cartridge                |          | 011-02147-03                | Garmin           |                          | X         |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |
|                                     |          |                             |                  |                          |           |      |    |           |   |

| Airplane Serial No.: 62-0095                                |            | Registration: N535LA |                     | Date: JAN-15-2025 |           | Mass  |      | Lever Arm |      |
|-------------------------------------------------------------|------------|----------------------|---------------------|-------------------|-----------|-------|------|-----------|------|
| Description                                                 | Type       | Part No.             | Manufacturer        | S/N               | Installed | lb    | kg   | in        | m    |
| <b>ELECTRICAL POWER</b>                                     |            |                      |                     |                   |           |       |      |           |      |
| Main battery                                                | RG24-15    |                      | Concorde            |                   | X         |       |      |           |      |
| Emergency battery                                           |            | D60-2560-91-00       | Diamond Aircraft    |                   | X         |       |      |           |      |
| ECU backup battery LH (2 pcs.)                              | LC-R127R2P |                      | Panasonic           |                   | X         |       |      |           |      |
| ECU backup battery RH (2 pcs.)                              | LC-R127R2P |                      | Panasonic           |                   | X         |       |      |           |      |
| Additional Alternator                                       |            | ES-10024B-2          | Kelly Aerospace     |                   | X         |       |      |           |      |
| Alternator Pulley                                           |            | D64-2416-00-761      | Diamond Aircraft    |                   | X         |       |      |           |      |
| Gear Box Fan Assy                                           |            | D44-2416-20-00       | Diamond Aircraft    |                   | X         |       |      |           |      |
| Prop. Flange Pulley Support                                 |            | D44-2416-00-52_1     | Diamond Aircraft    |                   | X         |       |      |           |      |
| Additional Alternator V-belt                                |            | ISO 4184 XPZL987     | Diamond Aircraft    |                   | X         |       |      |           |      |
| Additional Alternator Regulator                             |            | VR2000_28-1          | Electrosystems Inc. |                   | X         |       |      |           |      |
| <b>OXYGEN SYSTEM</b>                                        |            |                      |                     |                   |           |       |      |           |      |
| Oxygen cylinder (empty)<br>incl. pressure regulator         |            | 4110-122-3-11        | Aerox               |                   | X         | 13.76 | 6.24 | 31.9      | 0.81 |
| Oxygen cylinder 50 cuft (empty)<br>incl. pressure regulator |            | 4110-136-02-5        | Aerox               |                   |           | 8.60  | 3.90 | 27.8      | 0.70 |
| Single outlet manifold, Pax row I                           |            | 4110-401-2-01        | Aerox               |                   | X         | 0.22  | 0.10 | 111.0     | 2.82 |
| Double outlet manifold, Pilot / copilot                     |            | 4110-400-2           | Aerox               |                   | X         | 0.42  | 0.19 | 103.9     | 2.64 |
| Double outlet manifold, Pax Row I                           |            | 4110-400-2           | Aerox               |                   | X         | 0.42  | 0.19 | 111.0     | 2.82 |
| Double outlet manifold, Pax Row II                          |            | 4110-400-2           | Aerox               |                   | X         | 0.42  | 0.19 | 153.5     | 3.90 |
| Filling block                                               |            | 4110-405-2           | Aerox               |                   | X         | 0.46  | 0.21 | 16.5      | 0.42 |
| Pressure gauge                                              |            | 4110-486             | Aerox               |                   | X         | 0.11  | 0.05 | 66.9      | 1.70 |
| Push / pull control knob                                    |            | 4110-495             | Aerox               |                   | X         | 0.27  | 0.12 | 66.1      | 1.68 |
|                                                             |            |                      |                     |                   |           |       |      |           |      |
|                                                             |            |                      |                     |                   |           |       |      |           |      |
|                                                             |            |                      |                     |                   |           |       |      |           |      |

## 6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following is added to the existing table:

|                              |      |                      |              |                   |           |      |      |           |       |
|------------------------------|------|----------------------|--------------|-------------------|-----------|------|------|-----------|-------|
| Airplane Serial No.: 62-0095 |      | Registration: N335LA |              | Date: JAN-15-2025 |           | Mass |      | Lever Arm |       |
| Description                  | Type | Part No.             | Manufacturer | S/N               | Installed | lb   | kg   | in        | m     |
| SAFETY EQUIPMENT             |      |                      |              |                   |           |      |      |           |       |
| Fire extinguisher, portable  |      | 337TS                | Amerex       |                   | X         | 3.17 | 1.44 | 108.7     | 2.760 |
|                              |      |                      |              |                   |           |      |      |           |       |

| Airplane Serial No.: 62.C095  |                | Registration: N535LA |                    | Date: JAN-15-2025 |           | Mass  |       | Lever Arm |       |
|-------------------------------|----------------|----------------------|--------------------|-------------------|-----------|-------|-------|-----------|-------|
| Description                   | Type           | Part No.             | Manufacturer       | S/N               | installed | lb    | kg    | in        | m     |
| <b>CABIN COOLING SYSTEM</b>   |                |                      |                    |                   |           |       |       |           |       |
| Cabin cooling central unit    |                | D44-2153-00-00       | Diamond Aircraft   |                   | X         | 47.8  | 21.7  | 194.9     | 4.95  |
| <b>EQUIPMENT</b>              |                |                      |                    |                   |           |       |       |           |       |
| Safety belt, pilot            | 5-01-() Series | 5-01-2Y07()          | Schroth            |                   | X         | 2.110 | 0.960 | 92.520    | 2.350 |
| Safety belt, co-pilot         | 5-01-() Series | 5-01-2Y57()          | Schroth            |                   | X         | 2.110 | 0.960 | 92.520    | 2.350 |
| Safety belt, LH pax row I     | 5-02-() Series | 5-02-BJ57()          | Schroth            |                   | X         | 2.250 | 1.020 | 126.800   | 3.220 |
| Safety belt, RH pax row I     | 5-02-() Series | 5-02-BK57()          | Schroth            |                   | X         | 2.250 | 1.020 | 126.800   | 3.220 |
| Safety belt, Center pax row I | 5-02-() Series | 5-02-BL57()          | Schroth            |                   | X         | 2.250 | 1.020 | 126.800   | 3.220 |
| Safety belt, LH pax row II    | 5-02-() Series | 5-02-BP57()          | Schroth            |                   | X         | 2.250 | 1.020 | 126.800   | 3.220 |
| Safety belt, RH pax row II    | 5-02-() Series | 5-02-BP07()          | Schroth            |                   | X         | 2.250 | 1.020 | 126.800   | 3.220 |
| ELT unit                      | 406 AF-Compact | S1840501-01          | Kannad             |                   | X         | 1.874 | 0.874 | 179.700   | 4.565 |
| ELT remote switch             | RC 200         | S1820513-11          | Kannad             |                   | X         |       |       |           |       |
| ELT antenna                   | ANT300         | 0124220              | Kannad             |                   |           | 0.330 | 0.150 | 152.800   | 3.880 |
| ELT antenna                   | AV-300         | 0146151              | Kannad             |                   | X         |       |       |           |       |
| <b>SAFETY EQUIPMENT</b>       |                |                      |                    |                   |           |       |       |           |       |
| Fire extinguisher             |                | HAL 1                | AIR TOTAL          |                   |           |       |       |           |       |
| Fire extinguisher             |                | HAL 1,2              | AIR TOTAL          |                   | X         |       |       |           |       |
| First aid kit                 |                |                      |                    |                   | X         |       |       |           |       |
| Egress Hammer                 |                | D67-2560-80-50       | Diamond            |                   | X         |       |       |           |       |
| Belt Cutter                   |                | D67-9025-60-01       | Woodway / Dhelen   |                   | X         |       |       |           |       |
| <b>FLIGHT CONTROLS</b>        |                |                      |                    |                   |           |       |       |           |       |
| Lift detector                 |                | C-99701-1            | Safe Flight Instr. |                   | X         |       |       |           |       |

| Airplane Serial No.: 62.0095    |          | Registration: N535LA  |                 | Date: JAN 15 2025 |           | Mass |    | Lever Arm |   |
|---------------------------------|----------|-----------------------|-----------------|-------------------|-----------|------|----|-----------|---|
| Description                     | Type     | Part No.              | Manufacturer    | S/N               | installed | lb   | kg | in        | m |
| <b>HYDRAULIC</b>                |          |                       |                 |                   |           |      |    |           |   |
| Motor pump unit                 |          | X11-0001-00-00.00/A   | Hydraulik Mayer |                   | X         |      |    |           |   |
| Hydraulic fluid tank            |          | X11-0002-00-00.00     | Hydraulik Mayer |                   | X         |      |    |           |   |
| Hydraulic control unit          |          | X11-0003-00-00.00/A   | Hydraulik Mayer |                   | X         |      |    |           |   |
| High pressure filter            |          | X11-0004-00-00.00     | Hydraulik Mayer |                   | X         |      |    |           |   |
| Hydraulic pressure accumulator  |          | X11-0005-00-00.00     | Hydraulik Mayer |                   | X         |      |    |           |   |
| MLG hydraulic cylinder, LH      |          | X11-0006-00-00.00/1R0 | Hydraulik Mayer |                   | X         |      |    |           |   |
| MLG hydraulic cylinder, RH      |          | X11-0006-00-00.00/1R0 | Hydraulik Mayer |                   | X         |      |    |           |   |
| NLG hydraulic cylinder          |          | X11-0006-00-00.00/3   | Hydraulik Mayer |                   | X         |      |    |           |   |
| Brake master cylinder (4 pcs.)  |          | 10-54A                | Cleveland       |                   | X         |      |    |           |   |
| Parking valve                   |          | 60-5D                 | Cleveland       |                   | X         |      |    |           |   |
| Brake assembly                  |          | 30-233 E              | Cleveland       |                   | X         |      |    |           |   |
| <b>INDICATING / REC. SYSTEM</b> |          |                       |                 |                   |           |      |    |           |   |
| Primary flight display (PFD)    | GDU 1040 | 011-00972-03          | Garmin          |                   |           |      |    |           |   |
| Multi function display (MFD)    | GDU 1045 | 011-00819-04          | Garmin          |                   |           |      |    |           |   |
| Primary flight display (PFD)    | GDU 1040 | 011-00972-10          | Garmin          |                   |           |      |    |           |   |
| Multi function display (MFD)    | GDU 1045 | 011-00819-10          | Garmin          |                   |           |      |    |           |   |
| Primary flight display (PFD)    | GDU 1050 | 011-03470-00          | Garmin          |                   | X         |      |    |           |   |
| Multi function display (MFD)    | GDU 1055 | 011-03470-80          | Garmin          |                   | X         |      |    |           |   |
| Control unit                    | GCU 476  | 011-01237-10          | Garmin          |                   | X         |      |    |           |   |
| Control unit                    | GCU 476  | 011-04476-00          | Garmin          |                   |           |      |    |           |   |

## 6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following is added to the existing table:

| Airplane Serial No.: <i>62.0095</i> |             | Registration: <i>N535LA</i> |              | Date: <i>JAN 15 2025</i> |           | Mass  |       | Lever Arm |   |
|-------------------------------------|-------------|-----------------------------|--------------|--------------------------|-----------|-------|-------|-----------|---|
| Description                         | Type        | Part No.                    | Manufacturer | S/N                      | Installed | lb    | kg    | in        | m |
| <b>COMMUNICATION/NAVIGATION</b>     |             |                             |              |                          |           |       |       |           |   |
| Audio panel/Maker/ICS               | GMA 1360    | 011-03568-00                | Garmin       | /                        | X         | 1.860 | 0.840 |           |   |
| Integrated avionics #1              | GIA 64W     | 011-03711-00                | Garmin       | /                        | X         | 5.400 | 2.450 |           |   |
| Integrated avionics #2              | GIA 64W     | 011-03711-00                | Garmin       | /                        | X         | 5.400 | 2.450 |           |   |
| Transponder                         | GTX 345R    |                             | Garmin       | /                        | X         |       |       |           |   |
| GPS #1 antenna                      | GA 37       | 013-00245-00                | Garmin       | /                        | X         |       |       |           |   |
| Data link processor                 | GDL 69A SXM | 011-03177-10                | Garmin       | /                        | X         |       |       |           |   |
|                                     |             |                             |              |                          |           |       |       |           |   |

| Airplane Serial No.: 62.0095  |           | Registration: N535LA |                  | Date: JAN-15-2025 |           | Mass |    | Lever Arm |   |
|-------------------------------|-----------|----------------------|------------------|-------------------|-----------|------|----|-----------|---|
| Description                   | Type      | Part No.             | Manufacturer     | S/N               | Installed | lb   | kg | in        | m |
| <b>LANDING GEAR</b>           |           |                      |                  |                   |           |      |    |           |   |
| Main landing gear LH          |           | D67-3211-01-00       | Diamond Aircraft |                   | X         |      |    |           |   |
| Main landing gear RH          |           | D64-3212-01-00       | Diamond Aircraft |                   | X         |      |    |           |   |
| Nose landing gear assy        |           | D67-3220-01-00_01    | Diamond Aircraft |                   | X         |      |    |           |   |
| Nose landing gear assy        |           | D67-3220-01-00_02    | Diamond Aircraft |                   |           |      |    |           |   |
| <b>LIGHTS</b>                 |           |                      |                  |                   |           |      |    |           |   |
| Area Dome light               |           | CL 13 625-1          | Birk Aerosystems |                   | X         |      |    |           |   |
| Strobe / Pos. light assy LH   |           | D67-5731-29-01       | Birk Aerosystems |                   | X         |      |    |           |   |
| Strobe / Pos. light assy RH   |           | D67-5732-29-01       | Birk Aerosystems |                   | X         |      |    |           |   |
| Map / Reading lights (4 pcs.) |           | RL6961-1             | Birk Aerosystems |                   | X         |      |    |           |   |
| Cabin Light                   |           | RL6980-1             | Birk Aerosystems |                   | X         |      |    |           |   |
| Taxi light                    | Xenon D1S |                      | Aero Vision Int. |                   | X         |      |    |           |   |
| Taxi light power supply       |           | XV4D-35              | XeVision         |                   | X         |      |    |           |   |
| Landing light                 | Xenon D1S |                      | Aero Vision Int. |                   | X         |      |    |           |   |
| Landing light power supply    |           | XV4D-35              | XeVision         |                   | X         |      |    |           |   |
| Glareshield lamp assy         |           | DA4-3311-10-02       | Diamond Aircraft |                   | X         |      |    |           |   |
| Glareshield light inverter    |           | APVL328-4-1-L-5QF    | Quantaflex       |                   | X         |      |    |           |   |
| Placards inverter             |           | APVL328-4-1-L-15QF   | Quantaflex       |                   | X         |      |    |           |   |
| Flood light LH                |           | D67-3311-10-01       | Diamond Aircraft |                   | X         |      |    |           |   |
| Flood light RH                |           | D67-3311-10-02       | Diamond Aircraft |                   | X         |      |    |           |   |
| Map / Reading Light           |           | RL6980-1             | Birk Aerosystems |                   | X         |      |    |           |   |
|                               |           |                      |                  |                   |           |      |    |           |   |
|                               |           |                      |                  |                   |           |      |    |           |   |
|                               |           |                      |                  |                   |           |      |    |           |   |
|                               |           |                      |                  |                   |           |      |    |           |   |
|                               |           |                      |                  |                   |           |      |    |           |   |
|                               |           |                      |                  |                   |           |      |    |           |   |
|                               |           |                      |                  |                   |           |      |    |           |   |

| Airplane Serial No.: 62.C095               |             | Registration: N535LA |                      | Date: JAN 15 2025 |           | Mass |    | Lever Arm |   |
|--------------------------------------------|-------------|----------------------|----------------------|-------------------|-----------|------|----|-----------|---|
| Description                                | Type        | Part No.             | Manufacturer         | S/N               | installed | lb   | kg | in        | m |
| <b>COMMUNICATION / NAVIGATION</b>          |             |                      |                      |                   |           |      |    |           |   |
| COMM #1 antenna                            | CI 2580-200 |                      | Comant               |                   | X         |      |    |           |   |
| COMM #2 antenna                            | CI 292-2    |                      | Comant               |                   | X         |      |    |           |   |
| Audio panel / Marker / ICS                 | GMA 1347    | 011-00809-00         | Garmin               |                   |           |      |    |           |   |
| Handmic                                    | 100 TRA     | 62800-001            | Telex                |                   | X         |      |    |           |   |
| Pitot / Static probe, heated               | AN5814-2    | PST-305              | Aeroinstruments      |                   | X         |      |    |           |   |
| Static port electrically heated LH/RH      |             | ST-333-1             | Aerosonic            |                   | X         |      |    |           |   |
| Alternate static valve                     |             | DA4-3111-51-00       | Diamond Aircraft     |                   | X         |      |    |           |   |
| Backup altimeter                           |             | 5934PD-3             | United Instruments   |                   |           |      |    |           |   |
| Backup airspeed indicator                  | 8030        | 8030-B.              | United Instruments   |                   |           |      |    |           |   |
| Backup artificial horizon                  | 4300        | 4300-206             | Mid Continent Instr. |                   |           |      |    |           |   |
| Standby Attitude Module                    | MD302       | 6420302-1            | Mid Continent Instr  |                   | X         |      |    |           |   |
| Magnetic compass                           |             | PG2C-28V             | SIRS Navigation      |                   |           |      |    |           |   |
| Magnetic compass                           |             | NV2C-28V             | SIRS Navigation      |                   | X         |      |    |           |   |
| OAT probe                                  | GTP 59      | 011-00978-00         | Garmin               |                   |           |      |    |           |   |
| Digital air data system                    | GDC74A      | 011-00882-00         | Garmin               |                   |           |      |    |           |   |
| Digital air data system                    | GDC 74A     | 011-00882-10         | Garmin               |                   |           |      |    |           |   |
| Digital air data system                    | GDC 72      | 011-03734-00         | Garmin               |                   |           |      |    |           |   |
| Integrated avionics #1                     | GIA 63 W    | 011-01105-20         | Garmin               |                   |           |      |    |           |   |
| Integrated avionics #2                     | GIA 63 W    | 011-01105-20         | Garmin               |                   |           |      |    |           |   |
| Integrated avionics #1                     | GIA 63W     | 011-01105-01         | Garmin               |                   |           |      |    |           |   |
| Integrated avionics #2                     | GIA 63W     | 011-01105-01         | Garmin               |                   |           |      |    |           |   |
| Transponder                                | GTX 33 ES   | 011-00779-30         | Garmin               |                   |           |      |    |           |   |
| Transponder                                | GTX 335 R   | 011-03301-00         | Garmin               |                   |           |      |    |           |   |
| Attitude / Heading reference system GRS 77 | GRS 77      | 011-00868-10         | Garmin               |                   |           |      |    |           |   |
| Attitude / Heading reference system        | GRS 79      | 011-03732-00         | Garmin               |                   |           |      |    |           |   |
| TAS processor                              | TAS 600     | 70-2420-x TAS600     | Avidyne              |                   |           |      |    |           |   |

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## 6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following is added to the existing table:

|                                     |           |                             |              |                          |           |       |       |           |   |
|-------------------------------------|-----------|-----------------------------|--------------|--------------------------|-----------|-------|-------|-----------|---|
| Airplane Serial No.: <i>62 C095</i> |           | Registration: <i>N535LA</i> |              | Date: <i>JAN 15 2025</i> |           | Mass  |       | Lever Arm |   |
| Description                         | Type      | Part No.                    | Manufacturer | S/N                      | Installed | lb    | kg    | in        | m |
| <b>COMMUNICATION/NAVIGATION</b>     |           |                             |              |                          |           |       |       |           |   |
| Transponder antenna                 | CI 105-16 |                             | Comant       |                          |           | 0.200 | 0.091 |           |   |
| DME antenna                         | CI 105-16 |                             | Comant       |                          |           | 0.200 | 0.091 |           |   |
|                                     |           |                             |              |                          |           |       |       |           |   |

## 6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following changes are made to the existing table:

|                                     |                  |                             |              |                          |           |      |    |           |   |
|-------------------------------------|------------------|-----------------------------|--------------|--------------------------|-----------|------|----|-----------|---|
| Airplane Serial No.: <i>62.0095</i> |                  | Registration: <i>N535LA</i> |              | Date: <i>JAN-15-2025</i> |           | Mass |    | Lever Arm |   |
| Description                         | Type             | Part No.                    | Manufacturer | S/N                      | Installed | lb   | kg | in        | m |
| <b>COMMUNICATION / NAVIGATION</b>   |                  |                             |              |                          |           |      |    |           |   |
| Weather radar                       | GWX 70 processor | 011-01768-00                | Garmin       |                          |           |      |    |           |   |
| Weather radar                       | GWX processor    | 011-03997-00                | Garmin       |                          |           |      |    |           |   |
|                                     |                  |                             |              |                          |           |      |    |           |   |

## 6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following is added to the existing table:

|                              |         |                      |              |                   |           |      |    |           |   |
|------------------------------|---------|----------------------|--------------|-------------------|-----------|------|----|-----------|---|
| Airplane Serial No.: 62.C095 |         | Registration: N535LA |              | Date: JAN 15 2025 |           | Mass |    | Lever Arm |   |
| Description                  | Type    | Part No.             | Manufacturer | S/N               | Installed | lb   | kg | in        | m |
| NAVIGATION                   |         |                      |              |                   |           |      |    |           |   |
| TAS processor                | TAS600A | 700-00185-000        | Avidyne      |                   |           |      |    |           |   |
| TAS processor                | TAS605A | 700-00185-001        | Avidyne      |                   | X         |      |    |           |   |
| TAS processor                | TAS615A | 700-00185-003        | Avidyne      |                   |           |      |    |           |   |
| TAS processor                | TAS620A | 700-00185-004        | Avidyne      |                   |           |      |    |           |   |
|                              |         |                      |              |                   |           |      |    |           |   |

## 6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following amendments are made to the existing table:

| Airplane Serial No.: <i>62-0095</i> |      | Registration: <i>N535LA</i> |               | Date: <i>JAN-15-2025</i> |           | Mass |    | Lever Arm |   |
|-------------------------------------|------|-----------------------------|---------------|--------------------------|-----------|------|----|-----------|---|
| Description                         | Type | Part No.                    | Manufacturer  | S/N                      | Installed | lb   | kg | in        | m |
| <b>ENGINE</b>                       |      |                             |               |                          |           |      |    |           |   |
| LH Engine                           | E4   | E4PC-00-000-000             | Austro Engine |                          |           |      |    |           |   |
| LH Engine                           | E4   | E4PC-00-000-AHY             | Austro Engine |                          |           |      |    |           |   |
| LH Engine                           | E4   | E4PC-00-000-BHY             | Austro Engine |                          | X         |      |    |           |   |
| RH Engine                           | E4   | E4PC-00-000-000             | Austro Engine |                          |           |      |    |           |   |
| RH Engine                           | E4   | E4PC-00-000-AHY             | Austro Engine |                          |           |      |    |           |   |
| RH Engine                           | E4   | E4PC-00-000-BHY             | Austro Engine |                          | X         |      |    |           |   |

## 6.5 EQUIPMENT LIST AND EQUIPMENT INVENTORY

The following amendments are made to the existing table:

| Airplane Serial No.: <i>62-0095</i> |       | Registration: <i>N535LA</i> |               | Date: <i>JAN-15-2025</i> |           | Mass |    | Lever Arm |   |
|-------------------------------------|-------|-----------------------------|---------------|--------------------------|-----------|------|----|-----------|---|
| Description                         | Type  | Part No.                    | Manufacturer  | S/N                      | Installed | lb   | kg | in        | m |
| <b>ENGINE</b>                       |       |                             |               |                          |           |      |    |           |   |
| LH Engine                           | E4P-C | E4PC-00-000-000             | Austro Engine |                          |           |      |    |           |   |
| LH Engine                           | E4P-C | E4PC-00-000-AHY             | Austro Engine |                          |           |      |    |           |   |
| RH Engine                           | E4P-C | E4PC-00-000-000             | Austro Engine |                          |           |      |    |           |   |
| RH Engine                           | E4P-C | E4PC-00-000-AHY             | Austro Engine |                          |           |      |    |           |   |
|                                     |       |                             |               |                          |           |      |    |           |   |

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Temporary Revision  
Garmin G1000 NXi Phase II

|                                     |         |                             |              |                          |           |       |       |           |   |
|-------------------------------------|---------|-----------------------------|--------------|--------------------------|-----------|-------|-------|-----------|---|
| Airplane Serial No.: <i>62 C095</i> |         | Registration: <i>N535LA</i> |              | Date: <i>JAN-15-2025</i> |           | Mass  |       | Lever Arm |   |
| Description                         | Type    | Part No.                    | Manufacturer | S/N                      | Installed | lb    | kg    | in        | m |
| ENGINE                              |         |                             |              |                          |           |       |       |           |   |
| ENGINE INDICATING                   |         |                             |              |                          |           |       |       |           |   |
| Engine/Airframe unit                | GEA 71B | 011-03682-00                | Garmin       |                          | X         | 1.800 | 0.820 |           |   |
|                                     |         |                             |              |                          |           |       |       |           |   |

| Airplane Serial No.: <u>62.C095</u> |             | Registration: <u>N535LA</u> |                    | Date: <u>JAN 15 2025</u> |           | Mass |    | Lever Arm |   |
|-------------------------------------|-------------|-----------------------------|--------------------|--------------------------|-----------|------|----|-----------|---|
| Description                         | Type        | Part No.                    | Manufacturer       | S/N                      | installed | lb   | kg | in        | m |
| TAS processor                       | TAS 605     | 70-2420-x TAS605            | Avidyne            |                          |           |      |    |           |   |
| TAS processor                       | TAS 610     | 70-2420-x TAS610            | Avidyne            |                          |           |      |    |           |   |
| TAS processor                       | TAS 615     | 70-2420-x TAS615            | Avidyne            |                          |           |      |    |           |   |
| TAS processor                       | TAS 620     | 70-2420-x TAS620            | Avidyne            |                          |           |      |    |           |   |
| TAS processor                       | 9900BX      | 70-2420-x                   | Avidyne            |                          |           |      |    |           |   |
| Transponder coupler                 |             | 70-2040                     | Avidyne            |                          | X         |      |    |           |   |
| TAS antenna, top                    |             | S72-1750-31L                | Sensor Systems     |                          | X         |      |    |           |   |
| TAS antenna, bottom                 |             | S72-1750-32L                | Sensor Systems     |                          | X         |      |    |           |   |
| Magnetometer                        | GMU 44      | 011-00870-00                | Garmin             |                          | X         |      |    |           |   |
| Magnetometer                        | GMU 44      | 011-00870-10                | Garmin             |                          |           |      |    |           |   |
| Dual VOR / dual GS duplexer         | CI 1125     |                             | Comant             |                          | X         |      |    |           |   |
| LH: VOR / LOC / GS antenna          | CI120-1     |                             | Comant             |                          | X         |      |    |           |   |
| RH: VOR / LOC / GS antenna          | CI120-1     |                             | Comant             |                          | X         |      |    |           |   |
| VOR / LOC / GS PWR combiner         | CI120-3     |                             | Comant             |                          | X         |      |    |           |   |
| Transponder antenna                 | KA 61       | 071-00221-0010              | Bendix/King        |                          | X         |      |    |           |   |
| Marker antenna                      | CI 102      |                             | Comant             |                          | X         |      |    |           |   |
| GPS #1 antenna                      | GA 36       | 013-00244-00                | Garmin             |                          |           |      |    |           |   |
| GPS #2 antenna                      | CI 2580-200 |                             | Comant             |                          | X         |      |    |           |   |
| DME                                 | KN 63       | 066-1070-01                 | Bendix/King        |                          |           |      |    |           |   |
| DME antenna                         | KA 61       | 071-00221-0010              | Bendix/King        |                          |           |      |    |           |   |
| Weather radar                       | GWX 70      | 011-01768-00                | Garmin             |                          |           |      |    |           |   |
| Weather radar antenna               |             | 117-00254-00                | Garmin             |                          |           |      |    |           |   |
| Stormscope                          | WX-500      | 805-11500-001               | L-3 Communications |                          |           |      |    |           |   |
| Stormscope antenna                  | NY-163      | 805-10930-001               | L-3 Communications |                          |           |      |    |           |   |
| Satellite Transceiver               | GSR 56      | 011-02268-00                | Garmin             |                          |           |      |    |           |   |
| Iridium Antenna                     | CI 490-1    |                             | Comant             |                          |           |      |    |           |   |
| Iridium Antenna                     | CI 490-490  |                             | Comant             |                          |           |      |    |           |   |

| Airplane Serial No.: <u>62.C095</u>    |              | Registration: <u>N535LA</u> |                  | Date: <u>JAN 15 2025</u> |           | Mass |      | Lever Arm |      |
|----------------------------------------|--------------|-----------------------------|------------------|--------------------------|-----------|------|------|-----------|------|
| Description                            | Type         | Part No.                    | Manufacturer     | S/N                      | installed | lb   | kg   | in        | m    |
| ADF receiver                           | RA 3502-(01) | 0505.757-912                | Becker           |                          |           |      |      |           |      |
| ADF / RMI converter                    | AC 3504-(01) | 0856.010-912                | Becker           |                          |           |      |      |           |      |
| ADF antenna                            | AN 3500      | 0832.601-912                | Becker           |                          |           |      |      |           |      |
| EMI filter LH                          |              | D64-3454-10-00              | Diamond Aircraft |                          |           |      |      |           |      |
| EMI filter RH                          |              | D64-3454-10-00              | Diamond Aircraft |                          |           |      |      |           |      |
| <b>ICE PROTECTION SYSTEM</b>           |              |                             |                  |                          |           |      |      |           |      |
| Porous Panel, outer wing, LH, outboard |              | 15502-01                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Porous Panel, outer wing, RH, outboard |              | 15502-02                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Porous Panel, outer wing, LH, inboard  |              | 15502-03                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Porous Panel, outer wing, RH, inboard  |              | 15502-04                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Porous Panel, horizontal tail, LH      |              | 15502-09                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Porous Panel, horizontal tail, RH      |              | 15502-10                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Porous Panel, vertical tail            |              | 15502-11                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Inlet strainer                         |              | D67-9030-03-01_01           | FTEU             |                          | X         |      |      |           |      |
| Spray bar                              |              | 12124-10                    | CAV Aerospace    |                          | X         |      |      |           |      |
| Metering pump 1                        |              | 9513T-1                     | CAV Aerospace    |                          | X         | 4.16 | 1.89 | 41.5      | 1.05 |
| Metering pump 2                        |              | 9513U-1                     | CAV Aerospace    |                          | X         | 4.16 | 1.89 | 35.7      | 0.91 |
| De-icing fluid tank                    |              | D67-3003-13-01              | Diamond Aircraft |                          | X         | 7.72 | 3.50 | 37.4      | 0.95 |
| Fluid filter                           |              | F932                        | Diamond Aircraft |                          | X         | 1.83 | 0.83 | 45.3      | 1.15 |
| Solenoid valve                         |              | FV158H-28V                  | CAV Aerospace    |                          | X         | 0.86 | 0.39 | 30.7      | 0.87 |
| High pressure switch                   |              | P041ED 1500                 | CAV Aerospace    |                          | X         |      |      |           |      |
| Proportioning unit, nacelle, LH        |              | PU303DW225                  | CAV Aerospace    |                          | X         |      |      |           |      |
| Proportioning unit, nacelle, RH        |              | PU303DW226                  | CAV Aerospace    |                          | X         |      |      |           |      |
| Tail bracket assembly                  |              | 15532-01                    | CAV Aerospace    |                          | X         | 1.37 | 0.62 | 292.8     | 7.44 |
| Windshield pump                        |              | WP209A                      | CAV Aerospace    |                          | X         | 0.66 | 0.30 | 34.80     | 0.89 |
| De-ice control box                     |              | DAI-9030-00-01              | Diamond Aircraft |                          | X         |      |      |           |      |

| Airplane Serial No.: <i>62.C095</i> |            | Registration: <i>N5352A</i>                               |                        | Date: <i>JAN 15 2025</i> |           | Mass |    | Lever Arm |   |
|-------------------------------------|------------|-----------------------------------------------------------|------------------------|--------------------------|-----------|------|----|-----------|---|
| Description                         | Type       | Part No.                                                  | Manufacturer           | S/N                      | installed | lb   | kg | in        | m |
| <b>ENGINE</b>                       |            |                                                           |                        |                          |           |      |    |           |   |
| LH engine                           | E4P-C      | E4PC-00-000-000                                           | Austro Engine          |                          |           |      |    |           |   |
| RH engine                           | E4P-C      | E4PC-00-000-000                                           | Austro Engine          |                          |           |      |    |           |   |
| LH engine control unit              | EECU-E4-01 | E4A-92-100-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| RH engine control unit              | EECU-E4-01 | E4A-92-100-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| ECU software                        |            | Refer to DAI Service Bulletin MSB-62-002, latest revision | Austro Engine          |                          | X         |      |    |           |   |
| <b>ENGINE STARTING</b>              |            |                                                           |                        |                          |           |      |    |           |   |
| Glow plug control unit LH/RH        |            | E4A-94-200-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| Starter LH / RH                     |            | E4A-93-000-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| <b>ELECTRICAL POWER</b>             |            |                                                           |                        |                          |           |      |    |           |   |
| LH alternator                       |            | E4A-91-400-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| RH alternator                       |            | E4A-91-400-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| LH alternator regulator             |            | E4A-91-200-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| RH alternator regulator             |            | E4A-91-200-000                                            | Austro Engine          |                          | X         |      |    |           |   |
| <b>ENGINE FUEL PUMPS</b>            |            |                                                           |                        |                          |           |      |    |           |   |
| LH fuel pumps (2x)                  |            | 0-580-054-001                                             | Bosch                  |                          | X         |      |    |           |   |
| RH fuel pumps (2x)                  |            | 0-580-054-001                                             | Bosch                  |                          | X         |      |    |           |   |
| <b>ENGINE FIRE WARNING</b>          |            |                                                           |                        |                          |           |      |    |           |   |
| LH overheat detector                |            | X 2003-2                                                  | Control Products, Inc. |                          |           |      |    |           |   |
| RH overheat detector                |            | X 2003-2                                                  | Control Products, Inc. |                          |           |      |    |           |   |
| LH overheat detector                |            | X 2003-506                                                | Control Products, Inc. |                          | X         |      |    |           |   |
| RH overheat detector                |            | X 2003-506                                                | Control Products, Inc. |                          | X         |      |    |           |   |
| <b>ENGINE INDICATING</b>            |            |                                                           |                        |                          |           |      |    |           |   |
| Engine / Airframe unit              | GEA 71     | 011-00831-00                                              | Garmin                 |                          |           |      |    |           |   |

| Airplane Serial No.: <u>62.C095</u> |                      | Registration: <u>N535LA</u> |                  | Date: <u>JAN. 15. 2025</u> |           | Mass |    | Lever Arm |   |
|-------------------------------------|----------------------|-----------------------------|------------------|----------------------------|-----------|------|----|-----------|---|
| Description                         | Type                 | Part No.                    | Manufacturer     | S/N                        | installed | lb   | kg | in        | m |
| <b>ENGINE EXHAUST</b>               |                      |                             |                  |                            |           |      |    |           |   |
| LH Exhaust pipe with muffler        |                      | D67-7806-01-00              | Diamond Aircraft |                            | X         |      |    |           |   |
| RH Exhaust pipe with muffler        |                      | D67-7806-01-00              | Diamond Aircraft |                            | X         |      |    |           |   |
| <b>PROPELLER</b>                    |                      |                             |                  |                            |           |      |    |           |   |
| Propeller LH                        | MTV-6-R-C-F/CF194-80 |                             | mt-propeller     |                            | X         |      |    |           |   |
| Propeller RH                        | MTV-6-R-C-F/CF194-80 |                             | mt-propeller     |                            | X         |      |    |           |   |
| Unfeathering accumulator LH         |                      | X11-0007-00-00              | Hydraulik Mayer  |                            |           |      |    |           |   |
| Unfeathering accumulator RH         |                      | X11-0007-00-00              | Hydraulik Mayer  |                            |           |      |    |           |   |
| Unfeathering accumulator LH         |                      | P-893-3                     | mt-propeller     |                            | X         |      |    |           |   |
| Unfeathering accumulator RH         |                      | P-893-3                     | mt-propeller     |                            | X         |      |    |           |   |
| Governor LH                         |                      | P-877-16                    | mt-propeller     |                            | X         |      |    |           |   |
| Governor RH                         |                      | P-877-16                    | mt-propeller     |                            | X         |      |    |           |   |
| <b>FUEL TANK SYSTEM</b>             |                      |                             |                  |                            |           |      |    |           |   |
| Fuel probe assy., LH inboard        |                      | D60-2817-13-00_1            | Diamond Aircraft |                            | X         |      |    |           |   |
| Fuel probe assy., RH inboard        |                      | D60-2817-13-00_1            | Diamond Aircraft |                            | X         |      |    |           |   |
| Fuel probe assy., LH outboard       |                      | D60-2817-14-00_1            | Diamond Aircraft |                            | X         |      |    |           |   |
| Fuel probe assy., RH outboard       |                      | D60-2817-14-00_1            | Diamond Aircraft |                            | X         |      |    |           |   |
| Alternate means for fuel qty.       |                      | D60-2817-90-00              | Diamond Aircraft |                            |           |      |    |           |   |
| Alternate means for fuel qty. II    |                      | D60-2817-90-00_01           | Diamond Aircraft |                            | X         |      |    |           |   |
| <b>AUX FUEL SYSTEM</b>              |                      |                             |                  |                            |           |      |    |           |   |
| LH auxiliary fuel pump              |                      | PX375-TC-28V-G2             | Adair            |                            | X         |      |    |           |   |
| RH auxiliary fuel pump              |                      | PX375-TC-28V-G2             | Adair            |                            | X         |      |    |           |   |

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Mass and Balance

| Airplane Serial No.: <u>62.C095</u> |      | Registration: <u>N535LA</u> |                  | Date: <u>JAN-15-2025</u> |           | Mass |    | Lever Arm |   |
|-------------------------------------|------|-----------------------------|------------------|--------------------------|-----------|------|----|-----------|---|
| Description                         | Type | Part No.                    | Manufacturer     | S/N                      | installed | lb   | kg | in        | m |
| LH fuel inline filter               |      | FX375-MK                    | Adair            |                          | X         |      |    |           |   |
| RH fuel inline filter               |      | FX375-MK                    | Adair            |                          | X         |      |    |           |   |
| LH solenoid valve                   |      | VE 131,4 GV                 | Parker           |                          | X         |      |    |           |   |
| RH solenoid valve                   |      | VE 131,4 GV                 | Parker           |                          | X         |      |    |           |   |
| Aux tank fuel probe                 |      | D67-2814-70-00              | Diamond Aircraft |                          | X         |      |    |           |   |
|                                     |      |                             |                  |                          |           |      |    |           |   |
| AIRPLANE FLIGHT MANUAL              |      | Doc. No. 11.01.05-E         | Diamond Aircraft |                          | X         |      |    |           |   |

Place:

CYXU.

Date:

JAN-15-2025

Signature:

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