

N 14 / PS

Sailplane Log Book

The subject aircraft was involved in an incident /
accident on 8/11/2020 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 1203325078US.

Signed: ***Underwriters Salvage Company***

Date: **2/22/2024**

AIG Aerospace Adjustment Services, Inc.
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

| DATE 19 | NATURE OF FLIGHT | TIME THIS FLIGHT | TOTAL TIME | TOT. SINCE 100 HR. | SIGNATURE & NO. OF PILOT |
|--|---------------------|------------------------|--------------------------|-----------------------|-----------------------------|
| Minden Aircraft Repair, Inc. Minden Tahoe Airport KMEV 775-720-1959 jim@mindenaircraftrepair.com | | | | | |
| AIRCRAFT "N" NUMBER | MODEL | S/N | FLIGHT TIME THIS YEAR | TOTAL TIME | |
| N141PS | DG505 | 5E186x36 | 1532.5 | 1532.5 | |
| <p>Performed annual inspection requirements IAW "Maintenance Manual DG 505" annual inspection checklist section 2.1. I certify that this aircraft has been inspected IAW an annual inspection and has been found to be airworthy at this time.</p> <p>SEE SEPARATE LISTING FOR AD COMPLIANCES</p> <p>Signed: <u>Jeff Crozier</u> Date: <u>5/2/19</u></p> <p>Jeff Crozier 3798168 A+PIA</p> | | | | | |

| DATE 19 | ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER. |
|---|---|
| 8/28/19 | UPDATE LxNAV 8080, V8.19 FIRMWARE WITH CURRENT VERSIONS 7.09 & 7.03, 7.03 |
| 8080 | SERIAL# CHANGED FROM 6JW TO AIZ. RER REAR TIRE INNER TUBE |
| I.A.W. | DG500 ELAN REPAIR MANUAL. N. Ravetti ATP 3565550. TOTAL TIME 1,589.4 |
| <p>High Sierra Pilots Club 1142 Airport rd. Minden, NV 89423</p> <p>Aircraft: N141PS Model: DG-500 S/N: 5E186X36 TT: 1610.3 Date: 06/05/2020</p> <p>Inspected IAW an annual/100 hr inspection IAW service DG-500 manual and AC43; 13 appx. "D". Lubed control surface hinges and pulleys. Jacked aircraft and performed multiple gear retractions; found satisfactory. Inspected air brakes. Wheel brakes, and landing gear; found satisfactory. CW AD 07-21-01, SEE SPERATE AD LIST. I certify that this aircraft has been inspected IAW an annual/100 hour inspection and has been found airworthy at this time. <u>See 1861869 ATP</u></p> | |

D Minden Aircraft Repair, Inc.
15 Minden Tahoe Airport KMEV
775-720-1959 jim@mindenaircraftrepair.com

| AIRCRAFT "N" NUMBER | MODEL | S/N | FLIGHT TIME THIS YEAR | TOTAL TIME |
|---------------------------|-------|----------|--------------------------|------------|
| N141PS | DG505 | 5E186x36 | 1346.1 | 1346.1 |

Performed annual inspection requirements IAW "Maintenance Manual DG 505" annual inspection checklist section 2.1. I certify that this aircraft has been inspected IAW an annual inspection and has been found to be airworthy at this time.

SEE SEPARATE LISTING FOR AD COMPLIANCES

Signed:  Date: 5/1/18

Jim Crozier 2897793 A+PIA

TOT. TIME FWD TO NEXT PAGE

N141PS

DG-500

S/N: 5E186X36

Total Time: 1532.5

Assembled glider and Performed 100 Hour Inspection I/A/W DG-500 Flight Manual, DG-500 Maintenance Manual, and FAR Part 43 Appendix D. Performed gear retraction test.

Replaced tailwheel assembly with DG factory new parts. Replaced Tost E-85 nose tow release with NEW unit, s/n #161914 per Tost E85 Manual. Ground checked release; okay. I certify that this aircraft has been inspected I/A/W a 100 Hour Inspection and has been determined to be in airworthy condition at this time.

Signed: 

Date: 05/02/2019

Michael Curtis A&P 2396380

C
1

* New Lurfer O2 Bottle
H₂dro 04-22

Total Time: ~~1146.1~~ 1,346.1 M.C.

Assembled glider IAW DG-500 Flight Manual and performed 100-hour inspection IAW with DG-500 Maintenance Manual Section 2.2. Performed landing gear retraction test. Swung compasses and installed new compass correction cards. I certify that this aircraft has been inspected IAW a 100-hour inspection and has been determined to be in airworthy condition at this time.

Signed: Michael Smith

Date: 04/25/2018

Michael Curtis A&P 2396380

DATE
19

ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER.

Accurate Aero, LLC CRS# 74CR304D
2177 Taxiway F Hanger B-1, Minden, NV 89423

Aircraft N#: 141PS TACH: MOBBS: 1346

Details of this inspection are on file at this facility under:
Date: 4/26/2018 WO#: 18-0014
Make/Model: Becker S/N:
Make/Model: S/N:

I certify the ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F.

Tech: Mario Signature: [Signature]
0173421299

DG-500 ELAN Orion
N141PS
S/N: 5E186X36

01/16/2017
TT: 1186.4

Equipment

Removed the following equipment:

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|-------------------------|
| Borgelt B-50 Variometer |
| Cambridge 302 |
| Cambridge 303 |
| Borgelt B40 Variometer |
| Borgelt B-40 Repeater |

Installed the following equipment:

| |
|------------------------|
| Winter Variometer 57mm |
| LXNAV 8080 |
| V8 Variometer |
| Winter Variometer 80mm |
| i8 Indicator |

Removed front stick grip with PTT and replaced with LXNAV remote stick grip. LXNAV system initialized and ops checked. Replaced front and rear microphones with new Peiker mics. Updated weight and balance. Replaced elevator bungee (5 year), next due 01/2022. All work performed I/A/W FAR Part 43, DG 500/505 Maintenance Manual, and LXNAV System Installation Manual.


Michael Curtis A&P 2396380

TOT. TIME FWD TO NEXT PAGE

Minden Aircraft Repair, Inc.
Minden Tahoe Airport KMEV
775-720-1959 jim@mindenaircraftrepair.com

| AIRCRAFT "N" NUMBER | MODEL | S/N | FLIGHT TIME THIS YEAR | TOTAL TIME |
|---------------------------|-------|----------|--------------------------|------------|
| N141PS | DG505 | 5E186x36 | | 1186.4 |

Performed annual inspection requirements IAW "Maintenance Manual DG 505" annual inspection checklist section 2.1. I certify that this aircraft has been inspected IAW an annual inspection and has been found to be airworthy at this time.

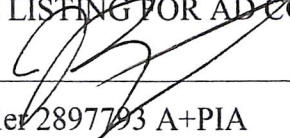
SEE SEPARATE LISTING FOR AD COMPLIANCES

Signed:



Jim Crozier 2897793 A+PIA



Date:

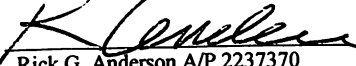
4/15/17



| DATE | NATURE OF | TIME THIS | TOTAL TIME | TOT. SINCE 100 HR. | SIGNATURE |
|--|-----------|---------------|------------|--------------------|-----------|
| Minden Aircraft Repair 2227-A1 Bellanca St., Minden, NV 89423 775-720-1959 jim@mindenaircraftrepair.com | | | | | |
| AIRCRAFT "N" NUMBER | MODEL | S/N | TACH TIME | TOTAL TIME | |
| N141PS | DG505 | 5E186x36 | 948.46 | 948.46 | |
| Performed 100 hour inspection requirements IAW "Maintenance Manual DG-500" section 2.2B. Performed gear retraction test. Replaced MLG tire with new. Serviced front compass. I certify that this aircraft has been inspected IAW an annual inspection and has been found to be airworthy at this time. | | | | | |
| SEE SEPARATE LISTING FOR AD COMPLIANCES | | | | | |
| Signed:  | | Date: 5/15/14 | | | |
| Jim Crozier 2897793 A+PIA | | | | | |
| TOTAL TIME FWD TO NEXT PAGE | | | | | |



| DATE | ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER |
|------|---|
| 19 | |
| | REBUILT AIRCRAFT, INC. Minden/Tahoe Airport Minden, Nevada 89423 ANNUAL INSPECTION Date: <u>MAY 28 2015</u> I certify that this <u>AIRCRAFT</u> has been inspected in the scope and detail of FAR Part 43, Appendix "D" and has been determined to be in an airworthy condition. Applicable Airworthiness Directives through <u>2015-07</u> checked or complied with. Pertinent details of this repair are on file at this agency under work order no. <u> </u> . ANNUAL INSPECTION COMPLETED Total Time: <u> </u> Signed:  Dave Monti A&P 1629496 I/A |

| DATE 19 | NATURE OF FLIGHT | TIME THIS FLIGHT | TOTAL TIME | | TOT. SINCE 100 HR. | | SIGNATURE & NO. OF PILOT |
|--|---------------------|------------------------|---------------|--|-----------------------|--|-----------------------------|
| | | | | | | | |
| <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>Vacaville Aero Services, Inc. dba Williams Soaring Center 2668 Husted Road Williams, CA 95987-5105 (530)473-5600</p> </div> </div> <p style="text-align: center;">N141PS Total Time Airframe _____</p> <p>Trouble shoot nose release failure. Clean and lube corrosion damage to tow hook release system. Replace cable (cable to short in factory original installation). Install reconditioned nose release from TOST OH UNIT TYPE #E85 SERIAL #154613. Adjust system for proper over-center. Ground test release checks OK.</p> <p>Signed:  Date: November 18, 2010 Brett R. Mayes 569452428A&P</p> | | | | | | | |
| TOT. TIME FWD TO NEXT PAGE | | | | | | | |

| DATE 19 | ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER. |
|------------|---|
| | <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p>Vacaville Aero Services, Inc. dba Williams Soaring Center 2668 Husted Road Williams, CA 95987-5105 (530)473-5600</p> </div> </div> <p style="text-align: center;">DG 505 N141PS Total Time 714.5 hrs</p> <p>Adjusted front tow release cable length. Function test ok. Cleaned Lubed and assembled glider for inspection.</p> <p>I certify that this glider has been inspected IAW an annual inspection and within the scope and detail of DG 505 maintenance manual was found to be in airworthy condition. All ADs complied with to date.</p> <p>Signed:  Date: <u>3/10/2011.</u> Brett R. Mayes AP569452428IA</p> |

| DATE 19 <u>01</u> | ENT PER SIGN | DG-505 N141PS Total Time Airframe <u>553.6</u> 12-2-09 | RS OR INFORMATION IES MUST BEAR THE |
|----------------------|--------------------|---|---|
| 12-2-09 | TT. 553.6 | <p>Inspected all repairs performed by Allen Powers for Soar Minden All repairs were completed as per DG recommenced repair procedures Three exceptions were noted. No. 1 Ailerons after repair will be removed from the wing and weight and balance performed on the control surface. YC removed and performed W/B and found the surfaces to be with in factory spec. No. 2 Repair No. 5 as listed by Allen Powers , a pucture on the bottom of the left wing approximable 117 in. From the root rib and 13 in. From th trailing edge could be construed by virtue of it over all size , approximable 3 in. A major repair. YC after extensive conversation with Allen Powers that the repair was completed satisfactory. No. 3 Small repair performed on end of spar butt. By virtue of it location (on the spar) the factory makes no recommendation for repair in there repair manual. Therefore the original repair was removed and with factory recommendation and AC 43.13 the area was re-repaired.</p> <p>I certify that this aircraft has been inspected with in the scope and detail of FAR Part 43:13 and the DG maintance manual and instruction and found to be in airworthy condition.</p> <p>See original work order, factory recommendation and repair manual.</p> | <p>Yankee Composites (707) 263-5030 800 C Skypark Drive Lakeport, CA 95453 Repair Station Y8QR517Y</p> |
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| | | Signed  | |
| | | Rick G. Anderson A/P 2237370 Repair Station Lic. # Y8QR517Y | |

| DATE 19 | NATURE OF FLIGHT | TIME THIS FLIGHT | TOTAL TIME | | TOT. SINCE 100 HR. | | SIGNATURE & NO. OF PILOT | |
|----------------------------|---------------------|------------------------|--|--|-----------------------|--|-----------------------------|--|
| | | | | | | | | |
| | | |  Vacaville Aero Services, Inc. dba Williams Soaring Center | | | | | |
| | | | DG505 N141PS Total Time Airframe <u>454.6</u> | | | | | |
| | | | Disassembled, cleaned, lubricated and assembled glider for inspection. I certify that this glider has been inspected within the scope and detail of FAR Part 43:13 Appendix "D" and DG Flugzeugbau maintenance instructions for continued airworthiness and was determined to be in airworthy condition with all AD's complied with to date. | | | | | |
| | | | Signed  Date: <u>05/04/2008</u> Brett R. Mayes AP569452428 IA | | | | | |
| TOT. TIME FWD TO NEXT PAGE | | | | | | | | |

| DATE 19 | ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER. | | | | | |
|------------|--|--|--|--|--|--|
| | |  Vacaville Aero Services, Inc. dba Williams Soaring Center | | | | |
| | DG505 N141PS Total Time Airframe <u>530.6</u> | | | | | |
| | Repaired scrapes and scratches in 7 foot long area of lower surface of right wing and 20 M tip extension. Repaired 5 inch fracture in lower skin of right 20 M tip extension with 2 layers of carbon Bid, MGS 285 resin system, filler and gel coat per DG Flugzeugbau repair instructions. No change in weight. Repairs finished with Prestec 2781 topcoat. | | | | | |
| | Disassembled, cleaned, lubricated and assembled glider for inspection. I certify that this glider has been inspected within the scope and detail of FAR Part 43:13 Appendix "D" and DG Flugzeugbau maintenance instructions for continued airworthiness and was determined to be in airworthy condition with all AD's complied with to date. | | | | | |
| | Signed  Date: <u>12/14/2008</u> Brett R. Mayes AP569452428 IA | | | | | |

DATE

10
2005

ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION
PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE
SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER.

5 Apr

I certify that this sailplane has been inspected in
accordance with the 100 hr check and found to
be in condition for safe flight.

Tt: 275+55 4.5.05 *[Signature]* AIP 1642626

Date 4/5/05 Tach reading N/ATotal time 27555 N 141PS

I certify that this aircraft has been inspected
in accordance with an annual inspection and was
determined to be in airworthy condition.

[Signature]
Leon Duste A&P 566285155 IA

| DATE 19 | ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER. |
|------------|---|
| 04/07/2000 | TT 203.25 INSPECTED IN ACCORDANCE WITH GLASER-DIRKS DG-500 ELAN ORION MAINTENANCE MANUAL RECOMMENDATIONS FOR AN ANNUAL INSPECTION. NO APPLICABLE AD'S AT THIS TIME. I CERTIFY THIS GLIDER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. Kathleen Heuermann A+P 250351IA |
| 5-4-00 | INSPECTED & STIFFENED ELEVATOR CONTROL PUSH ROD GUIDE PER TAI 348/12 (843/12). NO DISCREPANCIES NOTED DBRL A+P 523351488 |
| 5-18-00 | REPLACED ROD 5FW39 PER TECHNICAL NOTE 348/13. DBRL A+P 523351488 |

AIRCRAFT DESCRIPTION

| | | | | | |
|----------------------------------|--------------------|--------------------|---------------------|---------------|----------|
| MANUFACTURER | DG FLUGZEUBAU GMBH | PLACE | GERMANY | DATE | 11/98 |
| LICENSE NO. | 141PS | TYPE | DG-500 ELAN ORION | SERIAL NO. | 5E186X36 |
| DESCRIPTION | | T.C. NO. | GO8CE | | |
| FINISHING NOTES: | | DOPE OR RESIN TYPE | | | |
| FABRIC TYPE | | MFG'R | | NO. | |
| PAINT: | | MFG'R | | NO. | |
| BASE | | MFG'R | | NO. | |
| TRIM | | | | | |
| INTERIOR | | | | | |
| SEATING CAPACITY (Crew Included) | 2 | WEIGHT EMPTY | | WEIGHT LOADED | |
| WING AREA | SQ. FT. | CONTROL AREA | SQ. FT. | SPAN | 17/18/20 |
| TIRES MAIN | | BRAKES | | LENGTH | |
| OWNER | JOHN DUPREY | ADDRESS | 625 FOREST VIEW WAY | | |
| CITY | MONUMENT | STATE | COLORADO | | 80132 |

| | |
|--------------------------|---|
| DATE 1999 | ENTER DATA REGARDS INSPECTIONS, ALTERATIONS, REPAIRS OR INFORMATION PERTINENT TO THE HISTORY OF THE AIRCRAFT. ALL ENTRIES MUST BEAR THE SIGNATURE, RATING AND CERTIFICATE NO. OF THE MAKER. |
| 22 MAR. | INSPECTED I.A.W. GLASER-DIRKS DG-500 FLIGHT + MAINTANCE |
| TOTAL TIME IN SERVICE 45 | MANUAL, 100 HR. TYPE INSPECTION, THIS DATE "THE GLIDER COVERED |
| | BY THIS CERTIFICATE HAS BEEN EXAMINED, TESTED AND FOUND |
| | TO CONFORM TO THE TYPE DESIGN APPROVED UNDER F.A.A. TYPE |
| | CERTIFICATE/ GO8CE AND IS IN CONDITION FOR SAFE |
| | OPERATION" Richard D. Bates 316509615 A-8 |
| 3/22/99 | TOTAL Time in Service 0:45. N141PS, S/N 5E186X36 |
| | I certify that I have inspected this Aircraft, Found that |
| | it Complies with the Requirements of FAR 21.23, 21.29 & 21.59, |
| | and have Reissued a Standard Certificate of Airworthiness, |
| | Dated 3/22/99 |
| | Thom E Edwards DART 303003NM |