

## VAD-10041 R8

Laser Cut Parts List. (6/7/2024)

### Status Key:

|               |  |
|---------------|--|
| <b>Red</b>    | <p><b>Replacement recommended:</b> certain Principal Structural Elements:</p> <ul style="list-style-type: none"> <li>• That are difficult to inspect</li> <li>• Integrated to Primary Flight Controls</li> <li>• That have any reasonable chance of fatigue cracks developing in service</li> </ul>  |
| <b>Yellow</b> | <p><b>Replacement recommended:</b> Structure somewhat susceptible to fatigue damage with a moderate load and high number of loading cycles.</p> <ul style="list-style-type: none"> <li>• Some structure has been classified as yellow because of high point loads such as boarding steps or cockpit rails.</li> <li>• Not all aircraft will require replacement, such as taildragger RV's that are commonly built without boarding steps.</li> </ul> |
| <b>Purple</b> | <p><b>Replacement recommended only where applicable:</b> Parts that are classified as Red for one aircraft landing gear configuration and Blue for the other.</p> <ul style="list-style-type: none"> <li>• For example: The F-01451-L Tunnel Side ribs of an RV-14 are highly loaded in the tricycle configuration, and very lightly loaded in the taildragger configuration.</li> </ul>   |
| <b>Blue</b>   | <p><b>Acceptable for Use:</b> Structure with very low loads or load cycles leading to a part that is not susceptible to fatigue damage within many aircraft lifespans.</p>   |
| <b>Green</b>  | <p><b>Acceptable for Use:</b> Inconsequential structure, or non structural covers or panels. Very low loads or load cycles lead to a part that is not susceptible to fatigue damage within many aircraft lifespans.</p> <ul style="list-style-type: none"> <li>• Some parts classified as green include secondary structure that contain no fastener holes as produced; the holes are match drilled during assembly.</li> </ul>                      |

-Part classifications have been developed through an analysis of the airworthiness and service life of these parts. A summary of this investigation, "Laser-Cut Parts Engineering Evaluation", is available on the Van's Aircraft website.

-As of R6 of this document the "First Date in Inventory" has been updated to a highly conservative date that represents the first point in time that a Laser-cutting vendor was directed to make that specific part number. This date is before parts made it to the shelf. With certainty, for any given part number, a kit packed before this date contains a punched version of that part. After this date there is a possibility a part is laser cut.

-R7, clarifications of the parts classification Status Key. RV-12iS Empennage Part Classification Revisions.

-R7.1, Corrected missing Flap and Aileron components in the RV-14 Wing Section.

-R7.2, Corrected missing components in the RV-8 Fuselage Section, Added revision level and date to each section

-R8, Updated Notes and Parts Status for RV-14 Wing, RV-14 Fuselage, RV-10 Wing, RV-10 Fuselage. Updates correspond to analysis and the release of Service letters SL-00089 (RV-10 Wing), SL-00092 (RV-14 Wing), SL-00096 (RV-10 Fuselage), and SL-00100 (RV-14 Fuselage) which provide instructions for replacement and/or remediation of certain components.

-For the RV-8 Fuselage Kit, Van's is continuing to develop service information and/or alternate means of repair for the F-802A and F-802B and F-818.

**RV-14 TAIL KIT**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material                     | Status                  | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|------------------------------|-------------------------|-------------|----------------|
| 1/16/2022               | 1           | E-00906-1                                 | R ELEVATOR ROOT RIB   | T3 .032                      | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | E-01402                                   | ELEVATOR TRIM COVER   | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-01405                                   | SPAR ELEVATOR TRIMTAB | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-01410                                   | DBLR,TRIM ACCESS      | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-01411                                   | BRACE,REINF.DOUBLER   | T3 .025                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-905                                     | LEFT ELE. RIB 9/10    | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | F-01406B                                  | BULKHEAD              | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01408-L-1                               | SIDE FRAME            | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01408-R-1                               | SIDE FRAME            | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01409                                   | FRAME                 | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01410                                   | BULKHEAD              | T3 .025                      | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | F-01410A                                  | DOUBLER BULKHEAD      | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | F-01410B                                  | BULKHEAD DOUBLER      | T3 .040                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | F-01411A                                  | BULKHEAD              | T3 .032                      | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | F-01411B                                  | BULKHEAD              | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | F-01412A                                  | BULKHEAD              | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | F-01412B                                  | BULKHEAD              | T3 .032                      | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | F-01414                                   | AFT DECK              | T3 .040                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | F-01429                                   | RIB, BELLCRANK        | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01473A                                  | ANGLE,STIFFENER       | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01475A                                  | SKIN DOUBLER          | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01486A-L                                | J-STIFFNER, AFT FUSE  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01486A-R                                | J-STIFFNER, AFT FUSE  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01486B-L                                | J-STIFFNER, AFT FUSE  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01486B-R                                | J-STIFFNER, AFT FUSE  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01486C-L                                | J-STIFFNER, AFT FUSE  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01486C-R                                | J-STIFFNER, AFT FUSE  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-01486FG                                 | J-Stiffener           | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-14115-1                                 | BRACKET,RUDDER CABLE  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-14131                                   | RIB, UPPER AFT FUSE   | T3 .032                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-14147                                   | Clip,Stiffener        | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | HS-00916                                  | STRINGER WEB          | T3 .025                      | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | R-00902-1                                 | SPAR                  | T3 .032                      | Replacement Recommended | Difficult   |                |
| 1/16/2022               | 1           | R-00904-1                                 | RIB, BOTTOM           | T3 .032                      | Replacement Recommended | No          |                |
| 1/16/2022               | 1           | R-00910                                   | HORN BRACE            | T3 .040                      | Replacement Recommended | No          |                |
| 1/16/2022               | 1           | R-00914                                   | STIFF SHEAR CLIP      | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00915A-1                                | STIFFENER             | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00915B-1                                | STIFFENER             | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00915C-1                                | STIFFENER             | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00915D-1                                | STIFFENER             | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00915E-1                                | STIFFENER             | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00915F-1                                | STIFFENER             | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00915G-1                                | STIFFENER             | T3 .020                      | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | R-00917-00918                             | SHIM/ATTACH STRIP     | T3 .032                      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | R-903                                     | RUDDER TOP RIB        | T0 .032 heat treated         | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | VS-704                                    | ROOT RIB              | T0 .032 heat treated         | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-705                                    | NOSE RIB              | T0 .032 heat treated         | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-706                                    | TIP RIB               | T0 .025 heat treated         | Acceptable for Use      | Yes         |                |
| 2/4/2022                | 12          | E-1008                                    | ELEVATOR RIB          | T3 .020                      | Replacement Recommended | Difficult   |                |
| 2/9/2022                | 2           | E-904                                     | ELEVATOR TIP RIB      | T0 .032 heat treated,T3 .032 | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | R-912                                     | RUDDER C.BALANCE RIB  | T0 .032 heat treated         | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | VS-707                                    | TIP RIB               | T0 .025 heat treated         | Acceptable for Use      | Yes         |                |
| 4/13/2022               | 2           | E-903                                     | ELEVATOR TIP RIB      | T0 .032                      | Replacement Recommended | No          |                |
| 8/1/2022                | 2           | E-00902-1                                 | SPAR, ELEVATOR        | T3 .032                      | Replacement Recommended | Yes         |                |
| 8/1/2022                | 2           | E-00907-1                                 | SPAR, ELEVATOR REAR   | T3 .032                      | Replacement Recommended | Partial     |                |
| 8/1/2022                | 1           | E-01409-L                                 | CHANNEL,SERVO SUPPORT | T3 .025                      | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | E-01409-R                                 | CHANNEL,SERVO SUPPORT | T3 .025                      | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | F-01407-L                                 | SIDE FRAME            | T3 .025                      | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-01407-R                                 | SIDE FRAME            | T3 .025                      | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 2           | F-14111                                   | COVER, EMPENNAGE GAP  | T3 .025                      | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 2           | F-14112                                   | PLATE, COVER          | T3 .025                      | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 6           | HS-1004                                   | HORIZ.STAB INSPAR RIB | T3 .025                      | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 6           | HS-904                                    | HORIZONTAL STAB RIB   | T3 .025                      | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 8           | HS-905                                    | HORIZ.STAB NOSE RIB   | T3 .025                      | Acceptable for Use      | Difficult   |                |
| 8/1/2022                | 1           | VS-702                                    | VERT. STAB FRONT SPAR | T3 .032                      | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | VS-803PP                                  | VERT. STAB REAR SPAR  | T3 .032                      | Replacement Recommended | Partial     |                |
| 3/10/2023               | 1           | F-14129CD                                 | SHIM, GEAR .025       | T3 .025                      | Acceptable for Use      | No          |                |

**RV-14 WING**

VAD-10041 R8 6/7/2024

Lasar Status

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material             | Status                  | Inspectable | External_Notes   |
|-------------------------|-------------|---|-----------------------|----------------------|-------------------------|-------------|--|
| 12/23/2021              | 1           | T-1003B-L                                 | TANK INBOARD MAIN RIB | T0 .032 heat treated | Acceptable for Use      | Yes         |  |
| 12/23/2021              | 1           | T-1003B-R                                 | TANK INBOARD MAIN RIB | T0 .032 heat treated | Acceptable for Use      | Yes         |  |
| 12/23/2021              | 1           | T-1003-L                                  | FUEL TANK END RIB     | T0 .032 heat treated | Acceptable for Use      | Difficult   |  |
| 12/23/2021              | 1           | T-1003-R                                  | FUEL TANK END RIB     | T0 .032 heat treated | Acceptable for Use      | Difficult   |  |
| 12/23/2021              | 5           | T-1004-L                                  | FUEL TANK RIB         | T0 .025 heat treated | Acceptable for Use      | No          |  |
| 12/23/2021              | 5           | T-1004-R                                  | FUEL TANK RIB         | T0 .025 heat treated | Acceptable for Use      | No          |  |
| 12/23/2021              | 1           | W-1008-L                                  | LEADING EDGE RIB      | T3 .032              | Acceptable for Use      | Difficult   |  |
| 12/23/2021              | 1           | W-1008-R                                  | LEADING EDGE RIB      | T3 .032              | Acceptable for Use      | Difficult   |  |
| 12/23/2021              | 6           | W-1009-L                                  | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes         |  |
| 12/23/2021              | 6           | W-1009-R                                  | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes         |  |
| 12/23/2021              | 1           | W-1010-L                                  | INBD WING RIB         | T0 .032              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |
| 12/23/2021              | 1           | W-1010-R                                  | INBD WING RIB         | T0 .032              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |
| 12/23/2021              | 10          | W-1011-L                                  | INBD.WING RIB .025    | T3 .025              | Replacement Recommended | Difficult   | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical. Note: Only the rib connected to the inboard flap bracket is affected. This part may be difficult to replace on a completed assembly. |
| 12/23/2021              | 10          | W-1011-R                                  | INBD.WING RIB .025    | T3 .025              | Replacement Recommended | Difficult   | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical. Note: Only the rib connected to the inboard flap bracket is affected. This part may be difficult to replace on a completed assembly. |
| 12/23/2021              | 3           | W-1012-L                                  | OUTBOARD WING RIB     | T3 .025              | Acceptable for Use      | Yes         |  |
| 12/23/2021              | 3           | W-1012-R                                  | OUTBOARD WING RIB     | T3 .025              | Acceptable for Use      | Yes         |  |
| 12/23/2021              | 1           | W-1016-L                                  | WING TIP RIB          | T3 .025              | Acceptable for Use      | Yes         | Status changed no holes  |
| 12/23/2021              | 1           | W-1016-R                                  | WING TIP RIB          | T3 .025              | Acceptable for Use      | Yes         | Status changed no holes  |
| 1/4/2022                | 1           | T-1003C-L                                 | TANK INBD.NOSE RIB    | T0 .032 heat treated | Acceptable for Use      | Yes         |  |
| 1/4/2022                | 1           | T-1003C-R                                 | TANK INBD.NOSE RIB    | T0 .032 heat treated | Acceptable for Use      | Yes         |  |
| 2/2/2022                | 1           | A-1003-1L                                 | SPAR                  | T3 .040              | Replacement Recommended | No          |  |
| 2/2/2022                | 1           | A-1003-1R                                 | SPAR                  | T3 .040              | Replacement Recommended | No          |  |
| 2/2/2022                | 2           | A-1004-1L                                 | NOSE RIB              | T3 .040              | Replacement Recommended | No          |  |
| 2/2/2022                | 2           | A-1004-1R                                 | NOSE RIB              | T3 .040              | Replacement Recommended | No          |  |
| 2/2/2022                | 1           | FL-00003-L                                | SPAR                  | T3 .040              | Replacement Recommended | Difficult   |  |
| 2/2/2022                | 1           | FL-00003-R                                | SPAR                  | T3 .040              | Replacement Recommended | Difficult   |  |
| 2/2/2022                | 1           | W-00010-L                                 | FLAP GAP FAIRING      | T3 .020              | Acceptable for Use      | Yes         |  |
| 2/2/2022                | 1           | W-00010-R                                 | FLAP GAP FAIRING      | T3 .020              | Acceptable for Use      | Yes         |  |
| 2/2/2022                | 1           | W-00011-L                                 | AILERON GAP FAIRING   | T3 .020              | Acceptable for Use      | Yes         |  |
| 2/2/2022                | 1           | W-00011-R                                 | AILERON GAP FAIRING   | T3 .020              | Acceptable for Use      | Yes         |  |
| 2/2/2022                | 2           | W-00017                                   | MOUNT BRACKET         | T3 .040              | Acceptable for Use      | Yes         |  |
| 2/2/2022                | 1           | W-1029A-L                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |
| 2/2/2022                | 1           | W-1029A-R                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |
| 2/2/2022                | 1           | W-1029B-L                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |
| 2/2/2022                | 1           | W-1029B-R                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |
| 2/2/2022                | 1           | W-1029C                                   | ANGLE                 | T3 .040              | Replacement Recommended | Yes         |  |
| 2/3/2022                | 2           | A-1005-1L                                 | MAIN RIB              | T3 .025              | Replacement Recommended | Partial     |  |
| 2/3/2022                | 2           | A-1005-1R                                 | MAIN RIB              | T3 .025              | Replacement Recommended | Partial     |  |
| 2/3/2022                | 8           | A-710                                     | STIFFENER             | T3 .025              | Acceptable for Use      | No          |  |
| 2/3/2022                | 8           | FL-1004-L                                 | FLAP NOSE RIB         | T3 .025              | Replacement Recommended | No          |  |
| 2/3/2022                | 8           | FL-1004-R                                 | FLAP NOSE RIB         | T3 .025              | Replacement Recommended | No          |  |
| 2/3/2022                | 8           | FL-1005-L                                 | FLAP MAIN RIB         | T3 .025              | Acceptable for Use      | Difficult   |  |
| 2/3/2022                | 8           | FL-1005-R                                 | FLAP MAIN RIB         | T3 .025              | Acceptable for Use      | Difficult   |  |
| 2/3/2022                | 2           | T-00002                                   | TANK BAFFLE           | T3 .032              | Acceptable for Use      | Difficult   |  |
| 2/3/2022                | 4           | T-00004                                   | TANK STIFFENER        | T3 .032              | Acceptable for Use      | No          |  |
| 2/3/2022                | 1           | T-00005                                   | TANK STIFFENER INBRD. | T3 .032              | Acceptable for Use      | No          |  |
| 2/3/2022                | 1           | T-1005BC                                  | SHIM                  | T3 .032              | Acceptable for Use      | Yes         |  |
| 2/3/2022                | 1           | VA-195C                                   | ACCESS HATCH DOUBLER  | T3 .025              | Acceptable for Use      | Yes         |  |
| 2/3/2022                | 1           | W-00012A                                  | ADAHRS MOUNT PLATE    | T3 .032              | Acceptable for Use      | Yes         |  |
| 2/3/2022                | 1           | W-00012E                                  | ADAHRS MOUNT ZEE      | T3 .025              | Acceptable for Use      | Yes         |  |
| 2/3/2022                | 4           | W-00018                                   | BACKING PLATE         | T3 .032              | Acceptable for Use      | Yes         |  |
| 2/3/2022                | 1           | W-1021B                                   | FLAP GAP STIFFENER    | T3 .032              | Acceptable for Use      | No          | Status changed very low loads  |
| 2/3/2022                | 2           | W-1025B                                   | FLAP HINGE RIB        | T3 .032              | Replacement Recommended | Difficult   | Note R8: SL-00092 provides instructions for part replacement. No alternate solution to replacement is practical.   |
| 2/3/2022                | 2           | W-1027A                                   | WING WALK DOUBLER-    | T3 .025              | Acceptable for Use      | Partial,    | Very low loads   |
| 2/3/2022                | 2           | W-1027B                                   | WING WALK DOUBLER-AFT | T3 .025              | Acceptable for Use      | Partial,    | Very low loads   |
| 4/22/2022               | 1           | A-1015-1L                                 | INBRD.NOSE RIB        | T3 .025              | Replacement Recommended | Partial     |  |
| 4/22/2022               | 1           | A-1015-1R                                 | INBRD.NOSE RIB        | T3 .025              | Replacement Recommended | Partial     |  |
| 2/15/2023               | 5           | T-1004-L-1                                | FUEL TANK RIB         | T3 .025              | Acceptable for Use      | Partial     |  |
| 2/15/2023               | 5           | T-1004-R-1                                | FUEL TANK RIB         | T3 .025              | Acceptable for Use      | Partial     |  |
| 2/15/2023               | 6           | W-1009-L-3                                | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes         |  |
| 2/15/2023               | 6           | W-1009-R-3                                | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes         |  |
| 2/15/2023               | 1           | W-1010-L-1                                | INBD. WING RIB .032   | T3 .032              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |
| 2/15/2023               | 1           | W-1010-R-1                                | INBD. WING RIB .032   | T3 .032              | Replacement Recommended | Yes         | Note R8: SL-00092 provides instructions for part replacement. No alternate to replacement is practical   |

**RV-14 FUSELAGE**

VAD-10041 R8 6/7/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material | Status  | Inspectable | External_Notes  |
|-------------------------|-------------|---|-----------------------|----------|---|-------------|---|
| 4/8/2022                | 1           | C-01422                                   | BRACKET, CANOPY LATCH | T3 .040  | Replacement Recommended   | Yes         |   |
| 4/8/2022                | 1           | CS-00011                                  | ARM, IDLER            | T3 .040  | Replacement Recommended   | Yes         |   |
| 4/8/2022                | 1           | F-01405F                                  | BRACE,MID FUSE        | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01405K                                  | GUIDE,SEAT BACK ADJ.  | T3 .040  | Acceptable for Use  | Yes         | Loads are low and cycles are low there is no concern for part replacement   |
| 4/8/2022                | 2           | F-01405M                                  | DOUBLER,BULKHEAD      | T3 .040  | Acceptable for Use  | Difficult   | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/8/2022                | 1           | F-01415A                                  | ANGLE,SEAT RIB        | T3 .040  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/8/2022                | 1           | F-01416B                                  | ANGLE SEAT RIB        | T3 .040  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/8/2022                | 1           | F-01421A-L                                | DECK,FWD CANOPY       | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01421A-R                                | DECK,FWD CANOPY       | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01421B-L                                | DECK,AFT CANOPY       | T3 .040  | Replacement Recommended<br>Replacement Optional With Inspection   | Yes         | This part is easy to inspect on every flight.   |
| 4/8/2022                | 1           | F-01421B-R                                | DECK,AFT CANOPY       | T3 .040  | Replacement Recommended<br>Replacement Optional With Inspection   | Yes         | This part is easy to inspect on every flight.   |
| 4/8/2022                | 1           | F-01432A                                  | BRACE, ROLL BAR       | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01432B                                  | BRACKET ROLLBAR BRACE | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01433                                   | BRACKET,FLAP BLOCK    | T3 .040  | Replacement Recommended   | Yes         | Note R8: No alternate solution will be available. Accessible for direct replacement.  |
| 4/8/2022                | 1           | F-01434                                   | STIFFENER,SKIN        | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01444A                                  | DOUBLER,LONGERON      | T3 .040  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/8/2022                | 1           | F-01448A                                  | ANGLE,GEAR BASE       | T3 .040  | Replacement Recommended<br>Tri-Gear / Acceptable for Use<br>Taildragger.<br>or Install Alternate Solution | Yes         | Note R8: SL-00100 details an alternate to part replacement. This part carries landing gear loads, no concern for inflight failure. This part carries loads for a tri-gear. For taildraggers this part does not carry load and does not need to be replaced. |
| 4/8/2022                | 1           | F-01455B                                  | DOUBLER, MAP BOX      | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01487-L                                 | CHANL.CENTER SECTION  | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-01487-R                                 | CHANL.CENTER SECTION  | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-14101                                   | CHANNEL, ROUTING      | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-14103                                   | BRACKET,CABLE         | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | F-14142                                   | CLIP,BUSHING, MAKES 8 | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/8/2022                | 1           | FF-01402                                  | DOUBLER,RELAY         | T3 .040  | Acceptable for Use  | Yes         |   |
| 4/9/2022                | 2           | F-01423C                                  | DOUBLER,RIB           | T3 .025  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/9/2022                | 2           | F-01425A                                  | DOUBLER,RIB           | T3 .025  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/9/2022                | 1           | F-01458                                   | FRAME,SIDE            | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/9/2022                | 1           | F-01481-L                                 | Cover, FWG BAG SIDE   | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/9/2022                | 1           | F-01481-R                                 | Cover, FWD BAG SIDE   | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/9/2022                | 1           | F-01482-L                                 | Cover, AFT BAG SIDE   | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/9/2022                | 1           | F-01482-R                                 | Cover, AFT BAG SIDE   | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/9/2022                | 1           | F-01495AB                                 | DBLR,STEP ATTACH RIB  | T3 .025  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/9/2022                | 1           | F-14106                                   | WIRING CHANNEL        | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | C-01436-1                                 | Channel, Pivot Block  | T3 .032  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01400                                   | STIFFENER,SKIN        | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01402-L                                 | FRAME SIDE            | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01402-R                                 | FRAME,SIDE            | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01405A                                  | CHANNEL,BLKHD. BOTTOM | T3 .032  | Replacement Recommended<br>or Install Alternate Solution  | Yes         | Note R8: SL-00100 details an alternate to part replacement. This part carries the wing rear spar loads. This part is difficult to replace. This part is inspectable and can be monitored until modification.  |
| 4/19/2022               | 1           | F-01405D-L                                | CHANNEL,BLKHD.SIDE    | T3 .032  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022               | 1           | F-01405D-R                                | CHANNEL,BLKHD.SIDE    | T3 .032  | Acceptable for Use  | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have very long fatigue life.   |
| 4/19/2022               | 1           | F-01405E                                  | BRACKET,IDLER         | T3 .032  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01405G                                  | CHANNEL,FLAP MOTOR    | T3 .032  | Replacement Recommended   | Yes         | Part attaches to the flap motor and should be monitored until replacement.  |
| 4/19/2022               | 1           | F-01405L                                  | DOUBLER,BULKHEAD      | T3 .032  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01406A-L                                | BULKHEAD              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01406A-R                                | BULKHEAD              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01406C                                  | BULKHEAD              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01413-L                                 | STIFFENER             | T3 .032  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01413-R                                 | STIFFENER             | T3 .032  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01415-L                                 | RIB,OUTBOARD SEAT     | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01415-R                                 | RIB,OUTBOARD SEAT     | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01416A                                  | DOUBLER SEAT RIB      | T3 .032  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01416-L                                 | RIB,SEAT              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01416-R                                 | RIB,SEAT              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 3           | F-01417-L                                 | RIB,SEAT              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 3           | F-01417-R                                 | RIB,SEAT              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01420-L                                 | ARM REST              | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01422                                   | RIB,FUSELAGE SIDE     | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01423A-L                                | RIB,OUTBOARD BAGGAGE  | T3 .025  | Acceptable for Use  | Yes         |   |
| 4/19/2022               | 1           | F-01423A-R                                | RIB,OUTBOARD BAGGAGE  | T3 .025  | Acceptable for Use  | Yes         |   |

|           |   |            |                       |         |  |           |   |
|-----------|---|------------|-----------------------|---------|--|-----------|---|
| 4/19/2022 | 1 | F-01423B-L | RIB,OUTBOARD BAGGAGE  | T3 .025 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-01423B-R | RIB,OUTBOARD BAGGAGE  | T3 .025 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-01424-L  | RIB,BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01424-R  | RIB,BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01425-L  | RIB,BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-01425-R  | RIB BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-01426-L  | RIB,BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01426-R  | RIB,BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01427-L  | RIB,BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01427-R  | RIB,BAGGAGE           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01428-L  | FRAME,SIDE            | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01428-R  | FRAME,SIDE            | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01430    | STIFFENER,BAG.FLOOR   | T3 .025 | Acceptable for Use   | Difficult |   |
| 4/19/2022 | 1 | F-01435-L  | BASE, Cover           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01435-R  | BASE, Cover           | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 4 | F-01438-L  | RIB, Cover            | T3 .025 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 4 | F-01438-R  | RIB, Cover            | T3 .025 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-01447-L  | FLOOR,BAGGAGE         | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01447-R  | FLOOR,BAGGAGE         | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01448C   | BRACKET,GEAR BRACE    | T3 .032 | Replacement Recommended Tri-Gear / Acceptable for Use Taildragger. or Install Alternate Solution | Yes       | Note R8: SL-00100 details an alternate to part replacement. This part carries landing gear loads, no concern for inflight failure. For taildraggers this part does not carry load and does not need to be replaced. This part carries loads for a tri-gear. |
| 4/19/2022 | 1 | F-01451-L  | TUNNEL SIDE           | T3 .032 | Replacement Recommended Tri-Gear / Acceptable for Use Taildragger. or Install Alternate Solution | Yes       | Note R8: SL-00100 details an alternate to part replacement. This part carries landing gear loads, no concern for inflight failure. For taildraggers this part does not carry load and does not need to be replaced. This part carries loads for a tri-gear. |
| 4/19/2022 | 1 | F-01451-R  | TUNNEL SIDE           | T3 .032 | Replacement Recommended Tri-Gear / Acceptable for Use Taildragger. or Install Alternate Solution | Yes       | Note R8: SL-00100 details an alternate to part replacement. This part carries landing gear loads, no concern for inflight failure. For taildraggers this part does not carry load and does not need to be replaced. This part carries loads for a tri-gear. |
| 4/19/2022 | 1 | F-01453A   | DOUBLER, AFT TUNL COV | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01455    | PANEL, SUB            | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01455A   | ANGLE, SUB PANEL      | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01456A   | STIFFNER, RIB         | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01456-L  | RIB,FWD FUSELAGE      | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01456-R  | RIB,FWD FUSELAGE      | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01458AB  | BRACKET,SIDE FRAME    | T3 .025 | Acceptable for Use   | Difficult |   |
| 4/19/2022 | 1 | F-01459    | RIB CANOPY HINGE      | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01460-L  | INTERCOSTAL           | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01460-R  | INTERCOSTAL           | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01467A   | FLANGE, INSTR PANEL   | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01467B   | DOUBLER FLANGE        | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01477    | BRACKET CONNECTOR     | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01491    | RIB,FUSELAGE SIDE     | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01492    | RIB,FUSELAGE SIDE     | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01493-1  | Channel Fwd. Fuselage | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01494C   | CHANNEL,WIRING        | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01494D   | BRACKET,CABLE SUPPORT | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01494-L  | STAND-OFF INSTR PANEL | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01494-R  | STAND-OFF INSTR PANEL | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-01495-L  | RIB,STEP ATTACH       | T3 .032 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-01495-R  | RIB,STEP ATTACH       | T3 .032 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-01499    | BRACKET, Cover ANGLE  | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14102    | BRKT, FUEL SLCT VALVE | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14108    | BRACKET, FUEL PUMP    | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14119    | ANGLE,FAIRING ATTACH  | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14120    | ANGLE,ROOT FAIRING    | T3 .032 | Replacement Optional   | Yes       | Yellow for loads while boarding airplane. High loads but low number of cycles. With continuing inspection no replacement is necessary.  |
| 4/19/2022 | 1 | F-14121    | ANGLE,FAIRING ATTACH  | T3 .025 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14123    | BRACKET,POWER OUTLET  | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14125    | STIFFNER, SKIN        | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14134    | SHIM,COWLING HINGE    | T3 .025 | Acceptable for Use   | No        |   |
| 4/19/2022 | 1 | F-14140    | STIFFENER,SKIN        | T3 .032 | Acceptable for Use   | Yes       |   |
| 4/19/2022 | 1 | F-14145    | ANGLES,STEP ATTACH    | T3 .032 | Acceptable for Use   | Yes       | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life.   |
| 4/19/2022 | 1 | F-14186    | BRACKET,NACA VENT     | T3 .032 | Acceptable for Use   | Yes       |   |
| 8/24/2022 | 1 | F-01420-R  | ARM REST              | T3 .025 | Acceptable for Use   | Yes       |   |
| 8/24/2022 | 1 | F-01435A   | Cover PANEL           | T3 .025 | Acceptable for Use   | Yes       |   |
| 8/24/2022 | 1 | F-01455C   | ANGLE, SEAL           | T3 .025 | Acceptable for Use   | Yes       |   |
| 8/24/2022 | 2 | F-14100    | ANGLE, ROUTING        | T3 .025 | Acceptable for Use   | Yes       |   |
| 8/24/2022 | 2 | F-14110    | BRACKET,CROTCH STRAP  | T3 .032 | Acceptable for Use   | Yes       |   |
| 8/24/2022 | 4 | F-14128    | BRACKET,SEAT BELT LUG | T3 .025 | Acceptable for Use   | Yes       |   |

# 14 FINISH

VAD-10041 R8 - No Changes 1/8/2024

Laser Status

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description                                  | Material | Status             | Inspectable | External_Notes |
|-------------------------|-------------|---|--|----------|--------------------|-------------|----------------|
| 3/10/2023               | 1           | F-00220                                   | POWER MODULE / WIRING CHANNEL COVER PLATE 14 | T3 .025  | Acceptable for Use | Yes         |                |
| 3/10/2023               | 1           | F-01436-R                                 | COVER,CONTROL COLUMN                         | T3 .025  | Acceptable for Use | Yes         |                |
| 3/10/2023               | 2           | F-1237A                                   | SEATBACK                                     | T3 .025  | Acceptable for Use | Yes         |                |
| 3/10/2023               | 2           | F-14118B                                  | FAIRING LWR WING ROOT                        | T3 .025  | Acceptable for Use | Yes         |                |
| 3/10/2023               | 1           | F-14129CD                                 | SHIM,GEAR .025                               | T3 .025  | Acceptable for Use | Yes         |                |
| 3/10/2023               | 1           | FF-01414                                  | Close-out, RV-14 x-over cowl                 | T3 .025  | Acceptable for Use | Yes         |                |

**RV-10 TAIL KIT**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description            | Material             | Status                  | Inspectable | External_Notes |
|-------------------------|-------------|---|------------------------|----------------------|-------------------------|-------------|----------------|
| 1/16/2022               | 1           | E-1020                                    | RIGHT TRIM TAB SPAR    | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 2           | E-905                                     | LEFT ELE. RIB 9/10     | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-920                                     | TRIM TAB SPAR          | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | F-1007-L                                  | FUSELAGE FRAME         | T3 .025              | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-1007-R                                  | FUSELAGE FRAME         | T3 .025              | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-1008-L                                  | FUSELAGE FRAME         | T3 .025              | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-1008-R                                  | FUSELAGE FRAME         | T3 .025              | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | F-1009                                    | FUSELAGE FRAME         | T3 .025              | Acceptable for Use      | Yes         |                |
| 2/4/2022                | 16          | E-1008                                    | ELEVATOR RIB           | T3 .020              | Replacement Recommended | Difficult   |                |
| 2/4/2022                | 1           | F-1010C                                   | FUSELAGE BULKHEAD      | T3 .025              | Replacement Recommended | Yes         |                |
| 2/4/2022                | 1           | F-1014                                    | AFT DECK               | T3 .040              | Replacement Recommended | Yes         |                |
| 2/4/2022                | 1           | F-1095A                                   | TRIM MOUNT BRACKET     | T3 .040              | Replacement Recommended | Yes         |                |
| 2/4/2022                | 1           | R-1010                                    | STIFFENER SHEAR CLIP   | T3 .020              | Acceptable for Use      | No          |                |
| 2/4/2022                | 7           | R-1015                                    | RUDDER STIFFENER       | T3 .020              | Acceptable for Use      | No          |                |
| 2/9/2022                | 2           | E-1002                                    | ELEVATOR SPAR          | T3 .032              | Replacement Recommended | Yes         |                |
| 2/9/2022                | 2           | E-1007                                    | ELEVATOR REAR SPAR     | T3 .032              | Replacement Recommended | No          |                |
| 2/9/2022                | 1           | E-615PP                                   | ELEV TRIM MNTG PLATE   | T3 .032              | Replacement Recommended | Yes         |                |
| 2/9/2022                | 2           | E-904                                     | ELEVATOR TIP RIB       | T0 .032 heat treated | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | F-1011                                    | FUSELAGE BULKHEAD      | T3 .032              | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | F-1012A                                   | FUSELAGE BULKHEAD      | T3 .032              | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | VS-1003                                   | VERT. STAB REAR SPAR   | T3 .032              | Replacement Recommended | Yes         |                |
| 4/13/2022               | 2           | E-903                                     | ELEVATOR TIP RIB       | T0 .032              | Replacement Recommended | No          |                |
| 8/1/2022                | 1           | E-1015                                    | RIGHT ELEV. TRIM BRAKT | T3 .032              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 2           | E-616PP                                   | ELEV TRIM COVER        | T3 .032              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | F-1006A                                   | FUSELAGE BULKHEAD      | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1006B                                   | FUSELAGE BULKHEAD      | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1006C                                   | FUSELAGE BULKHEAD      | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1006D                                   | FUSELAGE BULKHEAD      | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1006E                                   | UPPER BAGGAGE BLKHD.   | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1006F                                   | LOWER BAGGAGE BLKHD.   | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1010                                    | FUSELAGE BULKHEAD      | T3 .025              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | F-1012B                                   | FUSELAGE BULKHEAD      | T3 .032              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | F-1028                                    | BAG.BULKHEAD CHANNEL   | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1029-L                                  | BELLCRANK RIB          | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1029-R                                  | BELLCRANK RIB          | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | F-1055                                    | SKIN STIFFENER         | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 8           | HS-1004                                   | HORIZ.STAB INSPAR RIB  | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | HS-1016                                   | STRINGER WEB           | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 6           | HS-904                                    | HORIZONTAL STAB RIB    | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 8           | HS-905                                    | HORIZ.STAB NOSE RIB    | T3 .025              | Acceptable for Use      | Difficult   |                |
| 8/1/2022                | 1           | R-1002                                    | RUDDER SPAR            | T3 .032              | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | R-1003                                    | RUDDER TIP RIB         | T3 .025              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | R-1004                                    | RUDDER ROOT RIB        | T3 .032              | Replacement Recommended | No          |                |
| 8/1/2022                | 1           | R-1012                                    | COUNTERBALANCE RIB     | T3 .025              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | VS-1002                                   | VERT. STAB FRONT SPAR  | T3 .032              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 1           | VS-1004                                   | V-STAB LOWER RIB       | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | VS-1005                                   | VERT.STAB NOSE RIB     | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | VS-1006                                   | VERTICAL STAB RIB TOP  | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | VS-1007                                   | V-STAB MID. INSPAR RIB | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | VS-1013                                   | V-STAB MID.NOSE RIB    | T3 .025              | Acceptable for Use      | Yes         |                |

RV-10 WING

VAD-10041 R8 6/7/2024

Laser Status

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 |                       | Description          | Material                | Status             | Inspectable  | External_Notes |
|-------------------------|-------------|---|-----------------------|----------------------|-------------------------|--------------------|--|----------------|
| 12/23/21                | 1           | T-1003B-L                                 | TANK INBOARD MAIN RIB | T0 .032 heat treated | Acceptable for Use      | Yes                |  |                |
| 12/23/21                | 1           | T-1003B-R                                 | TANK INBOARD MAIN RIB | T0 .032 heat treated | Acceptable for Use      | Yes                |  |                |
| 12/23/21                | 1           | T-1003-L                                  | FUEL TANK END RIB     | T0 .032 heat treated | Acceptable for Use      | Difficult          |  |                |
| 12/23/21                | 1           | T-1003-R                                  | FUEL TANK END RIB     | T0 .032 heat treated | Acceptable for Use      | Difficult          |  |                |
| 12/23/21                | 5           | T-1004-L                                  | FUEL TANK RIB         | T0 .025 heat treated | Acceptable for Use      | No                 |  |                |
| 12/23/21                | 5           | T-1004-R                                  | FUEL TANK RIB         | T0 .025 heat treated | Acceptable for Use      | No                 |  |                |
| 12/23/21                | 1           | W-1008-L                                  | LEADING EDGE RIB      | T3 .032              | Acceptable for Use      | Difficult          |  |                |
| 12/23/21                | 1           | W-1008-R                                  | LEADING EDGE RIB      | T3 .032              | Acceptable for Use      | Difficult          |  |                |
| 12/23/21                | 6           | W-1009-L                                  | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes                |  |                |
| 12/23/21                | 6           | W-1009-R                                  | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes                |  |                |
| 12/23/21                | 1           | W-1010-L                                  | INBD WING RIB         | T0 .032              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 12/23/21                | 1           | W-1010-R                                  | INBD WING RIB         | T0 .032              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 12/23/21                | 11          | W-1011-L                                  | INBD.WING RIB .025    | T3 .025              | Acceptable for Use      | Difficult          | Further analysis has proven that loads carried in the fastener holes are low. This component will have very long fatigue life. |                |
| 12/23/21                | 11          | W-1011-R                                  | INBD.WING RIB .025    | T3 .025              | Acceptable for Use      | Difficult          | Further analysis has proven that loads carried in the fastener holes are low. This component will have very long fatigue life. |                |
| 12/23/21                | 3           | W-1012-L                                  | OUTBOARD WING RIB     | T3 .025              | Acceptable for Use      | Yes                |  |                |
| 12/23/21                | 3           | W-1012-R                                  | OUTBOARD WING RIB     | T3 .025              | Acceptable for Use      | Yes                |  |                |
| 12/23/21                | 1           | W-1016-L                                  | WING TIP RIB          | T3 .025              | Acceptable for Use      | Yes                | No holes   |                |
| 12/23/21                | 1           | W-1016-R                                  | WING TIP RIB          | T3 .025              | Acceptable for Use      | Yes                | No holes   |                |
| 1/4/22                  | 1           | T-1003C-L                                 | TANK INBD.NOSE RIB    | T0 .032 heat treated | Acceptable for Use      | Yes                |  |                |
| 1/4/22                  | 1           | T-1003C-R                                 | TANK INBD.NOSE RIB    | T0 .032 heat treated | Acceptable for Use      | Yes                |  |                |
| 2/2/22                  | 1           | A-1003-1L                                 | SPAR                  | T3 .040              | Replacement Recommended | No                 |  |                |
| 2/2/22                  | 1           | A-1003-1R                                 | SPAR                  | T3 .040              | Replacement Recommended | No                 |  |                |
| 2/2/22                  | 2           | A-1004-1L                                 | NOSE RIB              | T3 .040              | Replacement Recommended | No                 |  |                |
| 2/2/22                  | 2           | A-1004-1R                                 | NOSE RIB              | T3 .040              | Replacement Recommended | No                 |  |                |
| 2/2/22                  | 1           | FL-1003-L                                 | FLAP SPAR             | T3 .040              | Replacement Recommended | Difficult          |  |                |
| 2/2/22                  | 1           | FL-1003-R                                 | FLAP SPAR             | T3 .040              | Replacement Recommended | Difficult          |  |                |
| 2/2/22                  | 1           | W-1021-L                                  | FLAP GAP FAIRING      | T3 .020              | Acceptable for Use      | Yes                |  |                |
| 2/2/22                  | 1           | W-1021-R                                  | FLAP GAP FAIRING      | T3 .020              | Acceptable for Use      | Yes                |  |                |
| 2/2/22                  | 1           | W-1024-L                                  | AILERON GAP FAIRING   | T3 .020              | Acceptable for Use      | Yes                |  |                |
| 2/2/22                  | 1           | W-1024-R                                  | AILERON GAP FAIRING   | T3 .020              | Acceptable for Use      | Yes                |  |                |
| 2/2/22                  | 1           | W-1029A-L                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 2/2/22                  | 1           | W-1029A-R                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 2/2/22                  | 1           | W-1029B-L                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 2/2/22                  | 1           | W-1029B-R                                 | TORQUE TUBE BRACKET   | T3 .040              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 2/3/22                  | 2           | A-1005-1L                                 | MAIN RIB              | T3 .025              | Replacement Recommended | Partial            |  |                |
| 2/3/22                  | 2           | A-1005-1R                                 | MAIN RIB              | T3 .025              | Replacement Recommended | Partial            |  |                |
| 2/3/22                  | 8           | A-710                                     | STIFFENER             | T3 .025              | Acceptable for Use      | No                 |  |                |
| 2/3/22                  | 10          | FL-1004-L                                 | FLAP NOSE RIB         | T3 .025              | Replacement Recommended | No                 |  |                |
| 2/3/22                  | 10          | FL-1004-R                                 | FLAP NOSE RIB         | T3 .025              | Replacement Recommended | No                 |  |                |
| 2/3/22                  | 11          | FL-1005-L                                 | FLAP MAIN RIB         | T3 .025              | Acceptable for Use      | Difficult          |  |                |
| 2/3/22                  | 11          | FL-1005-R                                 | FLAP MAIN RIB         | T3 .025              | Acceptable for Use      | Difficult          |  |                |
| 2/3/22                  | 2           | T-1002                                    | TANK BAFFLE           | T3 .032              | Acceptable for Use      | Difficult          |  |                |
| 2/3/22                  | 1           | T-1005BC                                  | SHIM                  | T3 .032              | Acceptable for Use      | Yes                |  |                |
| 2/3/22                  | 1           | VA-195C                                   | ACCESS HATCH DOUBLER  | T3 .025              | Acceptable for Use      | Yes                |  |                |
| 2/3/22                  | 8           | W-1006F                                   | SPAR SPICE PLATE      | T3 .032              | Acceptable for Use      | Yes                | Further analysis has proven that loads carried in the fastener holes are low. This component will have very long fatigue life. |                |
| 2/3/22                  | 1           | W-1021B                                   | FLAP GAP STIFFENER    | T3 .032              | Acceptable for Use      | No                 | Very low loads   |                |
| 2/3/22                  | 3           | W-1025B                                   | FLAP HINGE RIB        | T3 .032              | Replacement Recommended | Difficult          | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 2/3/22                  | 2           | W-1027A                                   | WING WALK DOUBLER-FWD | T3 .025              | Acceptable for Use      | Partial, Difficult | Very low loads   |                |
| 2/3/22                  | 2           | W-1027B                                   | WING WALK DOUBLER-AFT | T3 .025              | Acceptable for Use      | Partial, Difficult | Very low loads   |                |
| 2/22/22                 | 7           | T-1011                                    | TANK STIFFENER        | T3 .032              | Acceptable for Use      | No                 |  |                |
| 4/22/22                 | 1           | A-1015-1L                                 | INBRD.NOSE RIB        | T3 .025              | Replacement Recommended | Partial            |  |                |
| 4/22/22                 | 1           | A-1015-1R                                 | INBRD.NOSE RIB        | T3 .025              | Replacement Recommended | Partial            |  |                |
| 2/15/23                 | 5           | T-1004-L-1                                | FUEL TANK RIB         | T3 .025              | Acceptable for Use      | Partial            |  |                |
| 2/15/23                 | 5           | T-1004-R-1                                | FUEL TANK RIB         | T3 .025              | Acceptable for Use      | Partial            |  |                |
| 2/15/23                 | 6           | W-1009-L-3                                | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes                |  |                |
| 2/15/23                 | 6           | W-1009-R-3                                | LEADING EDGE RIB      | T3 .025              | Acceptable for Use      | Yes                |  |                |
| 2/15/23                 | 1           | W-1010-L-1                                | INBD.WING RIB .032    | T3 .032              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |
| 2/15/23                 | 1           | W-1010-R-1                                | INBD.WING RIB .032    | T3 .032              | Replacement Recommended | Yes                | Note R8: SL-00089 provides instructions for part replacement. No alternate to replacement is practical                         |                |



RV-10 FUSELAGE

VAD-10041 R8 6/7/2024

Laser Status

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description               | Material | Status             | Inspectable | External_Notes  |
|-------------------------|-------------|---|---------------------------|----------|--------------------|-------------|---|
| 3/23/2022               | 1           | F-1087                                    | VENT SLIDE                | T3 .032  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-10100                                   | BAGGAGE DOOR SHIM         | T3 .040  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-10105                                   | CONTROL CABLE BRACKET     | T3 .040  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-1034B                                   | SEAT BACK BRACE           | T3 .040  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-1034D                                   | GUSSET                    | T3 .040  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-1034F                                   | S.BACK BRACE CLOSEOUT     | T3 .040  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-1048-L                                  | FWD FUSE RIB              | T3 .040  | Acceptable for Use | Yes         | Further analysis has proven that loads carried in the fastener holes will lead to a very long fatigue life.   |
| 4/4/2022                | 1           | F-1048-R                                  | FWD FUSE RIB              | T3 .040  | Acceptable for Use | Yes         | Further analysis has proven that loads carried in the fastener holes will lead to a very long fatigue life.   |
| 4/4/2022                | 1           | F-1051A                                   | FWD.FUSE TUNNEL Cover     | T3 .040  | Acceptable for Use | Yes         | cover plate   |
| 4/4/2022                | 1           | F-1051C                                   | FRNT.SEAT TUNNL.Cover     | T3 .040  | Acceptable for Use | Yes         | cover plate   |
| 4/4/2022                | 1           | F-1059A                                   | BAG.DOOR FWD.FRAME        | T3 .020  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-1059B                                   | BAG.DOOR UPR.FRAME        | T3 .020  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-1059F                                   | BAG.DOOR CLOSEOUT PNL     | T3 .020  | Acceptable for Use | Yes         | not dimpled   |
| 4/4/2022                | 2           | F-1067B                                   | SEAT FLOOR SPACER         | T3 .020  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 1           | F-1083                                    | CNTRL.CABLE BRACKET       | T3 .040  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 2           | F-1084                                    | SYSTEMS BRACKET           | T3 .040  | Acceptable for Use | Yes         |   |
| 4/4/2022                | 2           | F-1099A                                   | UPPR.WING ROOT FAIRING    | T3 .040  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01002-L-1                               | FORWARD FUSELAGE BULKHEAD | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01002-R-1                               | FORWARD FUSELAGE BULKHEAD | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01043D-L-1                              | Cover PANEL               | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01043D-R-1                              | Cover PANEL               | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01049C-L-1                              | FWD.FUSE FLOOR RIB        | T3 .032  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-01049C-R-1                              | FWD.FUSE FLOOR RIB        | T3 .032  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-01050-L-1                               | FWD.CABIN FLOOR PANEL     | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01050-R-1                               | FWD.CABIN FLOOR PANEL     | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01088-L-1                               | forward fuselage rib      | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-01088-R-1                               | forward fuselage rib      | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1003C                                   | INST.PANEL ATTACH FLG     | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1015A-L                                 | OUTBRD.FOOT WELL RIB      | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1015A-R                                 | OUTBRD.FOOT WELL RIB      | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1015B-L                                 | FOOT WELL RIB INTRCST     | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1015B-R                                 | FOOT WELL RIB INTRCST     | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1015D-L                                 | MID CABIN SIDE Cover      | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1015D-R                                 | MID CABIN SIDE Cover      | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1015EF                                  | SPACERS                   | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 4           | F-1016B-L                                 | FLOOR STIFFENER           | T3 .032  | Acceptable for Use | No          |   |
| 4/5/2022                | 4           | F-1016B-R                                 | FLOOR STIFFENER           | T3 .032  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1016C-L                                 | FLOOR PAN                 | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1016C-R                                 | FLOOR PAN                 | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1016E-L                                 | FLAP TORQ.TUBE Cover      | T3 .025  | Acceptable for Use | Yes         | Changed status this is a cover plate  |
| 4/5/2022                | 1           | F-1016E-R                                 | FLAP TORQ.TUBE Cover      | T3 .025  | Acceptable for Use | Yes         | Changed status this is a cover plate  |
| 4/5/2022                | 1           | F-1016F-L                                 | INBD.FOOT WELL RIB        | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1016F-R                                 | INBD.FOOT WELL RIB        | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1016-L                                  | OUTBRD.FOOT WELL RIB      | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1016-R                                  | OUTBRD.FOOT WELL RIB      | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 5           | F-1017A-L                                 | REAR SEAT RIB             | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 5           | F-1017A-R                                 | REAR SEAT RIB             | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 2           | F-1017B                                   | SEAT BELT ATTACH RIB      | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1018-L                                  | REAR SEAT RIB             | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1018-R                                  | REAR SEAT RIB             | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1019-L                                  | INBD BAGGAGE RIB          | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1019-R                                  | INBD BAGGAGE RIB          | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1020-L                                  | MID BAGGAGE RIB           | T3 .025  | Acceptable for Use | Difficult   |   |
| 4/5/2022                | 1           | F-1020-R                                  | MID BAGGAGE RIB           | T3 .025  | Acceptable for Use | Difficult   |   |
| 4/5/2022                | 1           | F-1021-L                                  | OUTBOARD BAGGAGE RIB      | T3 .025  | Acceptable for Use | Difficult   | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life. |
| 4/5/2022                | 1           | F-1021-R                                  | OUTBOARD BAGGAGE RIB      | T3 .025  | Acceptable for Use | Difficult   | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life. |
| 4/5/2022                | 2           | F-1022                                    | BAGGAGE STIFFENER         | T3 .032  | Acceptable for Use | Difficult   |   |
| 4/5/2022                | 1           | F-1022A-L                                 | BAGGAGE FLOOR             | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1022A-R                                 | BAGGAGE FLOOR             | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1023B-L                                 | BAGGAGE FLOOR ANGLE       | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1023B-R                                 | BAGGAGE FLOOR ANGLE       | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1023-L                                  | BAGGAGE FLOOR ANGLE       | T3 .032  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1023-R                                  | BAGGAGE FLOOR ANGLE       | T3 .032  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1024-L                                  | SEAT FLOOR                | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1024-R                                  | SEAT FLOOR                | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1025-L                                  | REAR SEAT Cover PANEL     | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1025-R                                  | REAR SEAT Cover PANEL     | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1026                                    | BAG.DOOR SEAL CHAN.       | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1027                                    | CLOSE OUT PANEL           | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1031                                    | BAG.DOOR SEAL CHANNEL     | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1034A                                   | FUSELAGE BULKHEAD         | T3 .032  | Acceptable for Use | Difficult   |   |
| 4/5/2022                | 1           | F-1034C-L                                 | FUSELAGE BULKHEAD         | T3 .032  | Acceptable for Use | Difficult   |   |
| 4/5/2022                | 1           | F-1034C-R                                 | FUSELAGE BULKHEAD         | T3 .032  | Acceptable for Use | Difficult   |   |
| 4/5/2022                | 1           | F-1042G-L                                 | WIRE Cover                | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1042G-R                                 | WIRE Cover                | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1044A                                   | FWD FUSELAGE RIB          | T3 .032  | Acceptable for Use | Yes         | Status Changed R8: Further analysis has proven that loads carried in the fastener holes are low. This component will have a very long fatigue life. |
| 4/5/2022                | 1           | F-1044DEF                                 | ANGLE                     | T3 .032  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1045-L                                  | FWD.FUSE RIB              | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1045-R                                  | FWD.FUSE RIB              | T3 .025  | Acceptable for Use | Yes         |   |
| 4/5/2022                | 1           | F-1049A-L                                 | FWD.FUSE FLOOR RIB        | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1049A-R                                 | FWD.FUSE FLOOR RIB        | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1049B-L                                 | FWD.FUSE FLOOR RIB        | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1049B-R                                 | FWD.FUSE FLOOR RIB        | T3 .025  | Acceptable for Use | No          |   |
| 4/5/2022                | 1           | F-1049D-L                                 | FWD.FUSE FLOOR RIB        | T3 .025  | Acceptable for Use | No          |   |

|           |   |             |                       |         |  |   |
|-----------|---|-------------|-----------------------|---------|--|---|
| 4/5/2022  | 1 | F-1049D-R   | FWD.FUSE FLOOR RIB    | T3 .025 | Acceptable for Use                                       | No  |
| 4/5/2022  | 2 | F-1050B     | BOLT ACCESS PLATE     | T3 .025 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1051E     | REAR SEAT TUNNL.Cover | T3 .025 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1051F     | BAGGAGE TUNNEL Cover  | T3 .025 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1058      | BAG.DOOR HINGE FRAME  | T3 .025 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1068A     | SUB PANEL CENTER      | T3 .032 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1068B-L   | SUB PANEL SIDE        | T3 .032 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1068B-R   | SUB PANEL SIDE        | T3 .032 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1080      | BAGGAGE Cover,RIGHT   | T3 .025 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1081      | BAGGAGE Cover,LEFT    | T3 .025 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 2 | F-1099B     | LWR.WING ROOT FAIRING | T3 .025 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 2 | F-1099D     | WING FAIRING STIFFNER | T3 .032 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1099EFG-L | W.ROOT FAIR.SUPPORT   | T3 .032 | Acceptable for Use                                       | Yes   |
| 4/5/2022  | 1 | F-1099EFG-R | W.ROOT FAIR.SUPPORT   | T3 .032 | Acceptable for Use                                       | Yes   |
| 6/24/2022 | 1 | F-1005A     | CNTR.SECTION BULKHEAD | T3 .040 | Replacement Recommended<br>or Install Alternate Solution | Yes<br><br>Note R8: SL-00096 details an alternate to part replacement.<br>The rear spar attach bars cross the fuselage and will take the highest spanwise loads from the wing rear spar. Torsion loads are comparitvly small. |
| 6/24/2022 | 1 | F-1086      | VENT BRACKET          | T3 .032 | Acceptable for Use                                       | Yes   |

**RV-12 TAIL KIT**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description          | Material | Status                  | Inspectable | External_Notes   |
|-------------------------|-------------|---|----------------------|----------|-------------------------|-------------|--|
| 4/25/2022               | 1           | F-00009-L                                 | ADAHRS BRACKET       | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-00009-R                                 | ADAHRS BRACKET       | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1208-L                                  | BULKHEAD             | T3 .025  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1208-R                                  | BULKHEAD             | T3 .025  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1209-L                                  | FUSELAGE FRAME       | T3 .025  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1209-R                                  | FUSELAGE FRAME       | T3 .025  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-12106                                   | VSTAB SKIN RIB       | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1210A-L                                 | FUSELAGE FRAME       | T3 .025  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1210A-R                                 | FUSELAGE FRAME       | T3 .025  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1210C                                   | ANGLE                | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1211A                                   | AFT BULKHEAD         | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | F-1211D                                   | ANGLE                | T3 .040  | Replacement Recommended |             |  |
| 4/25/2022               | 1           | F-1287D                                   | CLEVIS BRACKET       | T3 .040  | Replacement Recommended |             |  |
| 4/25/2022               | 1           | HS-01202-1                                | Spar,Forward         | T3 .040  | Replacement Recommended |             | Status Changed: Replacement Reccomended out of an abundance of caution due to the difficulty to inspect in service. VAD-10041 R7 |
| 4/25/2022               | 1           | HS-01203-1                                | Spar,Aft             | T3 .040  | Replacement Recommended |             | Status Changed: Replacement Reccomended out of an abundance of caution due to the difficulty to inspect in service. VAD-10041 R7 |
| 4/25/2022               | 4           | HS-01212-1                                | Rib,Inspar           | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 6           | HS-1204                                   | NOSE RIB             | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 2           | HS-1205                                   | NOSE TIP RIB         | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 2           | HS-1206                                   | MAIN RIB             | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 2           | HS-1207                                   | MAIN TIP RIB         | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 4           | HS-1208                                   | AFT RIB              | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | HS-1209                                   | SPAR WEB SPACER      | T3 .040  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | HS-1214                                   | CLIP                 | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 4           | HS-1216                                   | MIDDLE RIB           | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | HS-1219-L                                 | ANTI SERVO TAB SPAR  | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | HS-1219-R                                 | ANTI SERVO TAB SPAR  | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | HS-1220                                   | AST CONTROL HORN     | T3 .040  | Replacement Recommended |             |  |
| 4/25/2022               | 6           | HS-1222                                   | ANTI SERVO TAB RIB   | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 2           | HS-1230                                   | Inboard Rib          | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 5           | R-01203-1                                 | RUDDER RIB           | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | R-01211                                   | Spar,Stub            | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | R-1202                                    | RUDDER SPAR          | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | R-1204                                    | RUDDER SPAR CAP      | T3 .040  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1202                                   | FRONT SPAR           | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1203                                   | VERTICAL STAB SPAR   | T3 .032  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1205                                   | TIP RIB              | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1206                                   | MID RIB              | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1207                                   | V STAB RIB           | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1208                                   | ROOT RIB             | T3 .020  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1212-L                                 | LEFT SPAR CAP        | T3 .040  | Acceptable for Use      |             |  |
| 4/25/2022               | 1           | VS-1212-R                                 | RIGHT SPAR CAP       | T3 .040  | Acceptable for Use      |             |  |
| 9/29/2022               | 1           | F-1238                                    | SNAP BUSHING BRACKET | T3 .025  | Acceptable for Use      |             |  |
| 9/29/2022               | 1           | F-1287A-1                                 | Servo Tray           | T3 .040  | Replacement Recommended |             |  |

Note: VAD10041 Revision7

Van's testing and analysis has shown that laser-cut parts have a functionally equivalent life to punched parts. With regard to the RV-12iS, with its unique construction and blind-rivet fasteners, our testing results confirmed that the LP4 rivet itself is typically the fatigue-critical item in RV-12iS structure. In other words, in the RV-12iS, the LP4 rivet fatigues before the part.

Although testing and analysis did not result in crack propagation in the RV-12iS structure – or much less have any impact on the safety, performance, or life of a given part – out of an abundance of caution we are recommending the replacement of certain components in the RV-12iS principal structure. Principal structures are essential in maintaining the structural integrity of an airplane. In the RV-12iS, they include specific spars and components supporting the control system.

Previously, only structure related to the stabilator trim control system was recommended for replacement in the RV-12iS. However, we have revised the classification and recommend the replacement of certain principal-structure components of the stabilator, specifically HS-01202-1 and HS-0203-1 (the forward and aft spars in RV-12iS Stabilator). We changed the classification of these parts and our associated recommendation primarily due to the fact that these components are very difficult or impossible to inspect. We decided to recommend replacement of these additional components to ensure that any un-identified factor that may have a negative affect, could not lead to conditions that possibly cause a serious safety risk.

**RV-12 WING**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description          | Material             | Status             | Inspectable | External_Notes |
|-------------------------|-------------|---|----------------------|----------------------|--------------------|-------------|----------------|
| 9/30/2022               | 2           | A-1204-L                                  | OUTBRD.NOSE RIB      | T0 .025 heat treated | Acceptable for Use |             |                |
| 9/30/2022               | 2           | A-1204-R                                  | OUTBRD.NOSE RIB      | T0 .025 heat treated | Acceptable for Use |             |                |
| 9/30/2022               | 2           | A-1210-L                                  | INBRD.NOSE RIB       | T0 .025 heat treated | Acceptable for Use |             |                |
| 9/30/2022               | 2           | A-1210-R                                  | INBRD.NOSE RIB       | T0 .025 heat treated | Acceptable for Use |             |                |
| 9/30/2022               | 1           | VA-195H                                   | ACCESS HATCH 12 ONLY | T3 .025              | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1204E-L                                 | FWD WING TIP RIB     | T0 .025 heat treated | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1204E-R                                 | FWD WING TIP RIB     | T0 .025 heat treated | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1204F-L                                 | AFT WING TIP RIB     | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1204F-R                                 | AFT WING TIP RIB     | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1206T                                   | ATTACH ANGLE         | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 4           | W-1206V                                   | ATTACH ANGLE         | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1207C                                   | TIP ATTACH ANGLE     | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 14          | W-1208-L-1                                | WING RIB             | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 14          | W-1208-R-1                                | WING RIB             | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1210B                                   | RIB DOUBLER          | T3 .025              | Acceptable for Use |             |                |
| 9/30/2022               | 13          | W-1210-L-1                                | WING RIB             | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 13          | W-1210-R-1                                | WING RIB             | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1213-L                                  | FLAPERON TIP RIB     | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 1           | W-1213-R                                  | FLAPERON TIP RIB     | T3 .020              | Acceptable for Use |             |                |
| 9/30/2022               | 2           | W-1216B                                   | HINGE RIB            | T3 .020              | Acceptable for Use |             |                |

**RV-12 FUSELAGE**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description              | Material | Status             | Inspectable | External_Notes |
|-------------------------|-------------|---|--------------------------|----------|--------------------|-------------|----------------|
| 3/23/2022               | 1           | F-01201F-1                                | BATTERY BOX SPACER       | T3 .032  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-01207D-R-1                              | Channel,Baggage Bulkhead | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-01213-L-1                               | Floor,Step               | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-01213-R-1                               | Floor,Step               | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-01229-1                                 | COVER, BAGGAGE FLOOR     | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 2           | F-01267A-1                                | CROTCH STRAP BRACKET     | T3 .032  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-1087                                    | VENT SLIDE               | T3 .032  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-1204T                                   | SKIN STIFFENER           | T3 .032  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-1206G-L                                 | BAGGAGE RIB              | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-12110                                   | Angle,Cradle Attach      | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | F-12111A                                  | Channel,Cradle Attach    | T3 .032  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | T-01222-L                                 | Rib,Fuel Tank Outboard   | T3 .032  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | T-01222-R                                 | Rib,Fuel Tank Outboard   | T3 .032  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | T-01223-L                                 | Rib,Fuel Tank Inboard    | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | T-01223-R                                 | Rib,Fuel Tank Inboard    | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | T-01224-L                                 | Rib,Fuel Tank Inboard    | T3 .025  | Acceptable for Use |             |                |
| 3/23/2022               | 1           | T-01224-R                                 | Rib,Fuel Tank Inboard    | T3 .025  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-01203A-1                                | Bulkhead                 | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-01205C-1                                | Brace Close-Out,Mid Fuse | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-01217-L                                 | Rib,Tunnel               | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-01217-R                                 | Rib,Tunnel               | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-1203D                                   | STUB SPAR RECEP SUPRT    | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 2           | F-1204H                                   | BULKHEAD CAP             | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-12107A                                  | Eit Bracket              | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-12111B                                  | Cradle, Fuel Filter      | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-12111C                                  | Cradle,Fuel Pump         | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-12131                                   | Channel,Tunnel           | T3 .040  | Acceptable for Use |             |                |
| 3/25/2022               | 1           | F-1232A                                   | ROLL BAR BRACE           | T3 .040  | Acceptable for Use |             |                |
| 6/24/2022               | 1           | F-1086                                    | VENT BRACKET             | T3 .032  | Acceptable for Use |             |                |
| 3/10/2023               | 2           | F-1237A                                   | SEATBACK                 | T3 .025  | Acceptable for Use |             |                |
| 3/22/2023               | 1           | F-1202H-L                                 | CANOPY RIB               | T3 .032  | Acceptable for Use |             |                |
| 3/22/2023               | 1           | F-1202H-R                                 | CANOPY RIB               | T3 .032  | Acceptable for Use |             |                |
| 3/22/2023               | 1           | F-1253                                    | SEAT FLOOR SUPPORT       | T3 .025  | Acceptable for Use |             |                |

**12 FINISH**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description               | Material | Status             | Inspectable | External_Notes |
|-------------------------|-------------|---|---------------------------|----------|--------------------|-------------|----------------|
| 2/13/2023               | 2           | C-01203A-1                                | Angle,Canopy Attach       | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 2           | C-01203B-1                                | Angle,Canopy Attach       | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-01206E-1                                | Cover, Baggage Floor      | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-01228-1                                 | Cover,Seat Floor          | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 2           | F-01276B-1                                | Plate,Cover               | T3 .032  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-01282A                                  | Plate Cover, IS Tailcone  | T3 .032  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-01285-1                                 | Cowl Bottom Close-Out     | T3 .032  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-01298-L                                 | Bracket,Throttle Lever    | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-01298-R                                 | Bracket,Throttle Lever    | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-1207F                                   | BAG.BLKHD                 | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 4           | F-12104                                   | Panel,Access              | T3 .032  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-1230                                    | TUNNEL COVER              | T3 .032  | Acceptable for Use |             |                |
| 2/13/2023               | 1           | F-1275G                                   | COVER PLATE               | T3 .025  | Acceptable for Use |             |                |
| 2/13/2023               | 3           | F-1276B                                   | COVER PLATE               | T3 .032  | Acceptable for Use |             |                |
| 3/27/2023               | 1           | F-01282B                                  | Plate Cover, ULS Tailcone | T3 .032  | Acceptable for Use |             |                |
| 4/6/2023                | 1           | C-01221-L                                 | SEAL RETAINER-Left        | T3 .020  | Acceptable for Use |             |                |
| 4/6/2023                | 1           | C-01221-R                                 | SEAL RETAINER-Right       | T3 .020  | Acceptable for Use |             |                |

## 12 POWERPLANT

VAD-10041 R8 - No Changes 1/8/2024

Laser Status

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material | Status             | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|----------|--------------------|-------------|----------------|
| 4/8/2022                | 1           | F-14103                                   | BRACKET,CABLE         | T3 .040  | Acceptable for Use |             |                |
| 4/27/2022               | 1           | F-01244-L                                 | Cover,Tunnel Fwd Side | T3 .025  | Acceptable for Use |             |                |
| 4/27/2022               | 1           | F-01244-R                                 | Cover,Tunnel Fwd Side | T3 .025  | Acceptable for Use |             |                |
| 4/27/2022               | 1           | F-1201V                                   | COOLANT BOTTLE STRAP  | T3 .032  | Acceptable for Use |             |                |
| 4/27/2022               | 1           | FF-00090J                                 | Heat Muff Dam         | T3 .020  | Acceptable for Use |             |                |

**RV-9 TAIL KIT**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material             | Status                  | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|----------------------|-------------------------|-------------|----------------|
| 1/16/2022               | 1           | E-905                                     | LEFT ELE. RIB 9/10    | T3 .032              | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | E-906                                     | RHT.ELEVATOR ROOT RIB | T3 .032              | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | E-907                                     | ELEVATOR TRIM SPAR    | T3 .032              | Replacement Recommended | No          |                |
| 1/16/2022               | 10          | E-908-L                                   | ELEVATOR SKIN STIFFNR | T3 .025              | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | E-908-R                                   | ELEVATOR SKIN STIFFNR | T3 .025              | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | E-920                                     | TRIM TAB SPAR         | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | R-903                                     | RUDDER TOP RIB        | T0 .032 heat treated | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | R-904                                     | RUDDER BOTTOM RIB     | T3 .032              | Replacement Recommended | No          |                |
| 1/16/2022               | 1           | VS-704                                    | ROOT RIB              | T0 .032 heat treated | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-705                                    | NOSE RIB              | T0 .032 heat treated | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-706                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 2/4/2022                | 1           | R-710                                     | RUDDER HORN BRACE     | T3 .040              | Replacement Recommended | No          |                |
| 2/9/2022                | 1           | E-615PP                                   | ELEV TRIM MNTG PLATE  | T3 .032              | Replacement Recommended | Yes         |                |
| 2/9/2022                | 2           | E-904                                     | ELEVATOR TIP RIB      | T0 .032 heat treated | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | R-912                                     | RUDDER C.BALANCE RIB  | T0 .032 heat treated | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | VS-707                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 4/13/2022               | 2           | E-903                                     | ELEVATOR TIP RIB      | T0 .032              | Replacement Recommended | No          |                |
| 8/1/2022                | 1           | E-616PP                                   | ELEV TRIM COVER       | T3 .032              | Replacement Recommended | Yes         |                |
| 8/1/2022                | 10          | HS-904                                    | HORIZONTAL STAB RIB   | T3 .025              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 6           | HS-905                                    | HORIZ.STAB NOSE RIB   | T3 .025              | Acceptable for Use      | Difficult   |                |
| 8/1/2022                | 1           | R-902                                     | RUDDER SPAR           | T3 .032              | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 8           | R-915                                     | RUDDER STIFFENER X2   | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 1           | VS-702                                    | VERT. STAB FRONT SPAR | T3 .032              | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | VS-803PP                                  | VERT. STAB REAR SPAR  | T3 .032              | Replacement Recommended | Partial     |                |
| 2/16/2023               | 2           | E-902                                     | ELEVATOR SPAR         | T3 .032              | Replacement Recommended | Difficult   |                |



**RV-9 WING**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description          | Material             | Status                  | Inspectable | External_Notes   |
|-------------------------|-------------|---|----------------------|----------------------|-------------------------|-------------|--|
| 2/3/2022                | 1           | VA-195C                                   | ACCESS HATCH DOUBLER | T3 .025              | Acceptable for Use      | Yes         |  |
| 5/20/2022               | 1           | A-903-L                                   | AILERON SPAR         | T3 .040              | Replacement Recommended | No          |  |
| 5/20/2022               | 1           | A-903-R                                   | AILERON SPAR         | T3 .040              | Replacement Recommended | No          |  |
| 5/20/2022               | 1           | FL-903-L                                  | FLAP SPAR            | T3 .040              | Replacement Recommended | No          |  |
| 5/20/2022               | 1           | FL-903-R                                  | FLAP SPAR            | T3 .040              | Replacement Recommended | No          |  |
| 5/20/2022               | 6           | FL-904-L                                  | FLAP NOSE RIB        | T3 .025              | Replacement Recommended | Partial     |  |
| 5/20/2022               | 6           | FL-904-R                                  | FLAP NOSE RIB        | T3 .025              | Replacement Recommended | Partial     |  |
| 5/20/2022               | 9           | FL-905-L                                  | FLAP RIB             | T3 .025              | Acceptable for Use      | Difficult   |  |
| 5/20/2022               | 9           | FL-905-R                                  | FLAP RIB             | T3 .025              | Acceptable for Use      | Difficult   |  |
| 5/20/2022               | 2           | T-902                                     | FUEL TANK BAFFLE     | T3 .032              | Acceptable for Use      | Difficult   |  |
| 5/20/2022               | 1           | W-908-L                                   | LEADING EDGE RIB     | T0 .032 heat treated | Acceptable for Use      | Difficult   |  |
| 5/20/2022               | 1           | W-908-R                                   | LEADING EDGE RIB     | T0 .032 heat treated | Acceptable for Use      | Difficult   |  |
| 5/20/2022               | 10          | W-911-L                                   | INBD.WING RIB .025   | T0 .025 heat treated | Acceptable for Use      | Yes         | Further analysis has proven that loads carried in the fastener holes are low. This component will have very long fatigue life. |
| 5/20/2022               | 10          | W-911-R                                   | INBD.WING RIB .025   | T0 .025 heat treated | Acceptable for Use      | Yes         | Further analysis has proven that loads carried in the fastener holes are low. This component will have very long fatigue life. |
| 5/20/2022               | 4           | W-912-L                                   | OUTBD.WING RIB .025  | T0 .025 heat treated | Acceptable for Use      | Yes         |  |
| 5/20/2022               | 4           | W-912-R                                   | OUTBD.WING RIB .025  | T0 .025 heat treated | Acceptable for Use      | Yes         |  |
| 8/9/2022                | 2           | A-905-L                                   | AILERON RIB          | T3 .025              | Replacement Recommended | Yes         |  |
| 8/9/2022                | 2           | A-905-R                                   | AILERON RIB          | T3 .025              | Replacement Recommended | Yes         |  |

# RV-9 FUSELAGE

VAD-10041 R8 - No Changes 1/8/2024

Laser Status

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material | Status             | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|----------|--------------------|-------------|----------------|
| 5/3/2022                | 2           | F-656-L                                   | GUSSET PLATE          | T3 .025  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 2           | F-656-R                                   | GUSSET PLATE          | T3 .025  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-766A                                    | FLAP ACTUATOR CHANNEL | T3 .040  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-782A-L                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-782A-R                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-982A-L                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-982A-R                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-982E                                    | ACCESS PLATE          | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-983C                                    | FUEL VALVE Cover      | T3 .020  | Acceptable for Use | Yes         |                |
| 5/6/2022                | 1           | F-643-1                                   | FWD.FUSE RIB          | T3 .032  | Acceptable for Use | Yes         | no holes       |

**RV-8 TAIL KIT**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material             | Status                  | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|----------------------|-------------------------|-------------|----------------|
| 1/16/2022               | 1           | E-606PP                                   | ELEVATOR TRIM SPAR    | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-607PP                                   | TRIM SPAR             | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-709                                     | END ROOT RIB RIGHT    | T3 .032,T3 .032      | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | E-717                                     | TRIM TAB HORN 7/8     | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-718                                     | TRIM TAB HORN 7/8     | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-720H5                                   | ELEVATOR STIFFENERS   | T3 .025              | Acceptable for Use      | No          |                |
| 1/16/2022               | 2           | HS-603PP                                  | HORIZ. REAR SPAR      | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | R-703                                     | COUNTERBALANCE RIB    | T0 .032 heat treated | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | R-704                                     | BOTTOM RIB            | T3 .032              | Replacement Recommended | No          |                |
| 1/16/2022               | 1           | R-802PP                                   | RUDDER SPAR           | T3 .032,T3 .032      | Replacement Recommended | Difficult   |                |
| 1/16/2022               | 1           | R-815FH                                   | RUDDER STIFFENER      | T3 .025              | Acceptable for Use      | No          |                |
| 1/16/2022               | 1           | VS-704                                    | ROOT RIB              | T0 .032 heat treated | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-705                                    | NOSE RIB              | T0 .032 heat treated | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-706                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 2/4/2022                | 1           | R-710                                     | RUDDER HORN BRACE     | T3 .040              | Replacement Recommended | No          |                |
| 2/9/2022                | 1           | E-615PP                                   | ELEV TRIM MNTG PLATE  | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 2/9/2022                | 2           | E-703                                     | END RIB               | T0 .025 heat treated | Replacement Recommended | No          |                |
| 2/9/2022                | 2           | E-704                                     | COUNTERBALANCE RIB    | T0 .025 heat treated | Replacement Recommended | Yes         |                |
| 2/9/2022                | 2           | HS-00005                                  | RIB,INBD.AFT          | T3 .032              | Acceptable for Use      | Yes         |                |
| 2/9/2022                | 2           | HS-706                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 2/9/2022                | 2           | HS-707                                    | NOSE RIB              | T0 .025 heat treated | Acceptable for Use      | No          |                |
| 2/9/2022                | 2           | HS-708                                    | MAIN RIB              | T0 .025 heat treated | Acceptable for Use      | Difficult   |                |
| 2/9/2022                | 1           | VS-707                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | E-616PP                                   | ELEV TRIM COVER       | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 8/1/2022                | 2           | E-702                                     | ELEVATOR SPAR         | T3 .032,T3 .032      | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | E-705                                     | END ROOT RIB LEFT     | T3 .032,T3 .032      | Replacement Recommended | Partial     |                |
| 8/1/2022                | 2           | E-720ABCH                                 | ELEVATOR STIFFENERS   | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 4           | E-720DEFG                                 | ELEVATOR STIFFENERS   | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 2           | HS-00006                                  | RIB,INBOARD,FWD       | T3 .032              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 2           | HS-702                                    | FRONT SPAR            | T3 .032,T3 .032      | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 2           | R-815BDE                                  | RUDDER STIFFENER      | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 2           | R-815CGA                                  | RUDDER STIFFENER      | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 1           | VS-702                                    | VERT. STAB FRONT SPAR | T3 .032              | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | VS-803PP                                  | VERT. STAB REAR SPAR  | T3 .032              | Replacement Recommended | Partial     |                |

**RV-8 WING**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material                     | Status   | Inspectable | External_Notes   |
|-------------------------|-------------|---|-----------------------|------------------------------|--|-------------|--|
| 2/3/2022                | 8           | A-710                                     | STIFFENER             | T3 .025                      | Acceptable for Use                                     | No          |  |
| 2/3/2022                | 1           | VA-195C                                   | ACCESS HATCH DOUBLER  | T3 .025                      | Acceptable for Use                                     | Yes         |  |
| 5/19/2022               | 1           | FL-803PP-1-L                              | FLAP SPAR             | T3 .040                      | Replacement Recommended                                | No          |  |
| 5/19/2022               | 1           | FL-803PP-1-R                              | FLAP SPAR             | T3 .040                      | Replacement Recommended                                | No          |  |
| 5/19/2022               | 1           | W-710-L                                   | INBD WING RIB         | T0 .032 heat treated,T3 .032 | Replacement Recommended or Wait for Alternate Solution | Yes         | This part may change classification to blue after further analysis |
| 5/19/2022               | 1           | W-710-R                                   | INBD WING RIB         | T0 .032 heat treated,T3 .032 | Replacement Recommended or Wait for Alternate Solution | Yes         | This part may change classification to blue after further analysis |
| 5/19/2022               | 1           | W-721-L                                   | FLAP BRACE            | T3 .040                      | Replacement Recommended                                | Yes         |  |
| 5/19/2022               | 1           | W-721-R                                   | FLAP BRACE            | T3 .040                      | Replacement Recommended                                | Yes         |  |
| 5/19/2022               | 1           | W-724-L                                   | AILERON GAP FAIRING   | T3 .020                      | Acceptable for Use                                     | Yes         |  |
| 5/19/2022               | 1           | W-724-R                                   | AILERON GAP FAIRING   | T3 .020                      | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 2           | A-704-L                                   | AILERON NOSE RIB      | T3 .040                      | Replacement Recommended                                | No          |  |
| 6/30/2022               | 2           | A-704-R                                   | AILERON NOSE RIB      | T3 .040                      | Replacement Recommended                                | No          |  |
| 6/30/2022               | 2           | A-705-L                                   | AILERON RIB           | T3 .025                      | Replacement Recommended                                | Yes         |  |
| 6/30/2022               | 2           | A-705-R                                   | AILERON RIB           | T3 .025                      | Replacement Recommended                                | Yes         |  |
| 6/30/2022               | 2           | FL-704-L                                  | FLAP RIB              | T3 .025                      | Replacement Recommended                                | Partial     |  |
| 6/30/2022               | 2           | FL-704-R                                  | FLAP RIB              | T3 .025                      | Replacement Recommended                                | Partial     |  |
| 6/30/2022               | 8           | FL-705                                    | FLAP RIB              | T3 .025                      | Acceptable for Use                                     | Difficult   |  |
| 6/30/2022               | 1           | T-702-L                                   | FUEL TANK BAFFLE      | T3 .032                      | Acceptable for Use                                     | Difficult   |  |
| 6/30/2022               | 1           | T-702-R                                   | FUEL TANK BAFFLE      | T3 .032                      | Acceptable for Use                                     | Difficult   |  |
| 6/30/2022               | 2           | T-703-L                                   | FUEL TANK RIB         | T0 .032 heat treated         | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 2           | T-703-R                                   | FUEL TANK RIB         | T0 .032 heat treated         | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 5           | T-704-L                                   | FUEL TANK RIB         | T0 .025 heat treated         | Acceptable for Use                                     | Difficult   |  |
| 6/30/2022               | 5           | T-704-R                                   | FUEL TANK RIB         | T0 .025 heat treated         | Acceptable for Use                                     | Difficult   |  |
| 6/30/2022               | 4           | T-711                                     | FUEL TANK STIFFENER   | T3 .032                      | Acceptable for Use                                     | No          |  |
| 6/30/2022               | 5           | W-709-L                                   | WING LEADING EDGE RIB | T0 .025 heat treated         | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 5           | W-709-R                                   | WING LEADING EDGE RIB | T0 .025 heat treated         | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 10          | W-711-L                                   | INBD WING RIB         | T0 .025 heat treated         | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 10          | W-711-R                                   | INBD WING RIB         | T0 .025 heat treated         | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 3           | W-712-L                                   | OUTBOARD WING RIB     | T0 .025 heat treated         | Acceptable for Use                                     | Yes         |  |
| 6/30/2022               | 3           | W-712-R                                   | OUTBOARD WING RIB     | T0 .025 heat treated         | Acceptable for Use                                     | Yes         |  |

**RV-8 FUSELAGE**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description               | Material | Status                  | Inspectable | External_Notes   |
|-------------------------|-------------|---|---------------------------|----------|-------------------------|-------------|--|
| 3/2/2022                | 1           | F-802A-L-1                                | FWD.L.GEAR BULKHEAD       | T3 .040  | Replacement Recommended | Yes         | This part stabilizes the load carrying members of the landing gear tower. Van's Aircraft may reclassify after further load analysis or derive a alternate solution rather than part replacement. |
| 3/2/2022                | 1           | F-802A-R-1                                | FWD.L.GEAR BULKHEAD       | T3 .040  | Replacement Recommended | Yes         | This part stabilizes the load carrying members of the landing gear tower. Van's Aircraft may reclassify after further load analysis or derive a alternate solution rather than part replacement. |
| 3/2/2022                | 1           | F-802B-L-1                                | AFT.L.GEAR BULKHEAD       | T3 .040  | Replacement Recommended | Yes         | This part stabilizes the load carrying members of the landing gear tower. Van's Aircraft may reclassify after further load analysis or derive a alternate solution rather than part replacement. |
| 3/2/2022                | 1           | F-802B-R-1                                | AFT.L.GEAR BULKHEAD       | T3 .040  | Replacement Recommended | Yes         | This part stabilizes the load carrying members of the landing gear tower. Van's Aircraft may reclassify after further load analysis or derive a alternate solution rather than part replacement. |
| 3/2/2022                | 1           | F-8112-L-1                                | MID CABIN COVR.SUPPORT 8A | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-8112-R-1                                | MID CABIN COVR.SUPPORT 8A | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-861PP-L                                 | LANDING GEAR CVR PLT      | T3 .020  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-861PP-R                                 | LANDING GEAR CVR PLT      | T3 .020  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-883-1                                   | FUEL VALVE BRACKET -8     | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-805-L-1                                 | FUSELAGE BULKHEAD         | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-805-R-1                                 | FUSELAGE BULKHEAD         | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-806A-L-1                                | LEFT FUSE.BULKHEAD        | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-806A-R-1                                | LEFT FUSE.BULKHEAD        | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-806B-1                                  | REAR SPAR ATTACH BLKH     | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-815C-L-1                                | OUTBRD.SEAT RIB ANGLE     | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-815C-R-1                                | OUTBRD.SEAT RIB ANGLE     | T3 .040  | Acceptable for Use      | Yes         |  |
| 3/2/2022                | 1           | F-816A-L-1                                | COCKPIT RAIL              | T3 .040  | Replacement Recommended | Yes         | This part is easy to inspect on every flight. Only   |
| 3/2/2022                | 1           | F-816A-R-1                                | COCKPIT RAIL              | T3 .040  | Replacement Recommended | Yes         | This part is easy to inspect on every flight. Only   |
| 3/2/2022                | 1           | F-819-1                                   | AFT DECK                  | T3 .040  | Replacement Recommended | Yes         |  |
| 3/7/2022                | 1           | F-802VPP                                  | FUSE.BLKHD.BRACE -8A      | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-803C-1                                  | INST PNL ATTACH FLANGE    | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-807B-1                                  | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-808B-1                                  | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-809B-1                                  | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-8100B-1                                 | THROTTLE QUADRANT         | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-8101-1                                  | CONSOLE                   | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-8104                                    | FWD.SKIN SUPPORT RIB      | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-810B-1                                  | AFT BULKHEAD              | T3 .032  | Replacement Recommended | Yes         |  |
| 3/7/2022                | 1           | F-810A-1                                  | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-829A-1                                  | FRONT SEAT FLOOR          | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-818D-1                                  | BELLCRANK RIB             | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-829B-L-1                                | FOOT WELL INBD.WEB        | T3 .025  | Acceptable for Use      | Yes         | Interior panel   |
| 3/7/2022                | 1           | F-829B-R-1                                | FOOT WELL INBD.WEB        | T3 .025  | Acceptable for Use      | Yes         | Interior panel   |
| 3/7/2022                | 1           | F-830B-1                                  | FLOOR STIFFENER           | T3 .032  | Acceptable for Use      | Difficult   |  |
| 3/7/2022                | 1           | F-833B-L-1                                | REAR SEATBACK SIDE        | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-833B-R-1                                | REAR SEATBACK SIDE        | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-833C-1                                  | SEATBACK TOP FLANGE       | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-833E                                    | SEATBACK TOP PANEL        | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-833F                                    | SEATBACK TOP WEB          | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-836-L-1                                 | FLOOR RIB                 | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-836-R-1                                 | FLOOR RIB                 | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-862-1                                   | REAR BAGGAGE BULKHEAD     | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-864D-1                                  | THROTTLE QUAD.BRACKET     | T3 .032  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-865B-1                                  | CONSOLE ANGLE             | T3 .032  | Acceptable for Use      | Yes         | Non structural   |
| 3/7/2022                | 1           | F-869-L-1                                 | BULKHEAD GUSSET           | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-869-R-1                                 | BULKHEAD GUSSET           | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-871-1                                   | FWD.BAGGAGE SIDE          | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-873B-1                                  | BAGGAGE DOOR FWD.RIB      | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-873C-1                                  | BAGGAGE DOOR AFT RIB      | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-879-1                                   | SEAT RAMP                 | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-880B-L-1                                | FWD SEAT RAMP RIB         | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-880B-R-1                                | FWD SEAT RAMP RIB         | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-880C-L-1                                | FWD.SEAT RAMP RIB         | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-880C-R-1                                | FWD.SEAT RAMP RIB         | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-882-1                                   | CANOPY RAIL RECEPTICL     | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-860A-L-1                                | FWD.LEFT ARM REST         | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-860A-R-1                                | FWD.RIGHT ARM REST        | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-860B-L-1                                | LEFT MID ARM REST         | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-860B-R-1                                | RIGHT MID ARM REST        | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 2           | F-892-L-1                                 | FWD FLOOR RIB             | T3 .025  | Acceptable for Use      | No          |  |
| 3/7/2022                | 1           | F-892-R-1                                 | FWD FLOOR RIB             | T3 .025  | Acceptable for Use      | No          |  |
| 3/7/2022                | 1           | F-866A-1                                  | FWD.BAGGAGE BULKHEAD      | T3 .025  | Acceptable for Use      | Yes         |  |
| 3/7/2022                | 1           | F-870-1                                   | FWD.BAGGAGE FLOOR         | T3 .025  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-807A-L-1                                | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-807A-R-1                                | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-808-L-1                                 | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-808-R-1                                 | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-809-L-1                                 | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-809-R-1                                 | AFT BULKHEAD              | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-811E-1                                  | AFT BULKHEAD              | T3 .032  | Replacement Recommended | Yes         |  |
| 6/22/2022               | 1           | F-812A-1                                  | AFT BULKHEAD              | T3 .032  | Replacement Recommended | Yes         |  |
| 6/22/2022               | 1           | F-812C-1                                  | AFT BULKHEAD              | T3 .032  | Replacement Recommended | Yes         |  |
| 6/22/2022               | 1           | F-813-L-1                                 | AFT OUTBOARD SEAT RIB     | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-813-R-1                                 | AFT OUTBOARD SEAT RIB     | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-814A-L-1                                | INBD.FWD.SEAT RIB         | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-814A-R-1                                | INBD.FWD.SEAT RIB         | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-814B-L-1                                | AFT.INBRD SEAT RIB        | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-814B-R-1                                | AFT.INBRD SEAT RIB        | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-815A-L-1                                | FWD.LFT.OUTBRD.SEAT       | T3 .032  | Acceptable for Use      | Yes         |  |
| 6/22/2022               | 1           | F-815A-R-1                                | FWD.RHT.OUTBRD.SEAT       | T3 .032  | Acceptable for Use      | Yes         |  |

|           |   |            |                        |         |                         |           |  |
|-----------|---|------------|------------------------|---------|-------------------------|-----------|--|
| 6/22/2022 | 1 | F-815B-L-1 | SEAT RIB               | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-818-L-1  | BAGGAGE RIB            | T3 .032 | Replacement Optional    | Yes       | Yellow for step attach. High loads but low number of cycles. With continuing inspection no replacement would be necessary. |
| 6/22/2022 | 1 | F-818-R-1  | BAGGAGE RIB            | T3 .032 | Replacement Optional    | Yes       | Yellow for step attach. High loads but low number of cycles. With continuing inspection no replacement would be necessary. |
| 6/22/2022 | 1 | F-860C-L-1 | AFT ARM REST           | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-860C-R-1 | AFT ARM RSET           | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-802M-L-1 | FLOOR RIB              | T3 .032 | Acceptable for Use      | No        |  |
| 6/22/2022 | 1 | F-802M-R-1 | FLOOR RIB              | T3 .032 | Acceptable for Use      | No        |  |
| 6/22/2022 | 1 | F-802U-1   | CROSS MEMBER           | T3 .032 | Acceptable for Use      | No        |  |
| 6/22/2022 | 1 | F-8100C-1  | THRTL.QUAD ANGLE       | T3 .032 | Acceptable for Use      | Yes       | Non structural   |
| 6/22/2022 | 1 | F-821B-1   | AFT BAG DOOR SUPPOT    | T3 .032 | Acceptable for Use      | Yes       | Non structural   |
| 6/22/2022 | 1 | F-821C-1   | FWD.BAG DOOR SUPPORT   | T3 .032 | Acceptable for Use      | Yes       | Non structural   |
| 6/22/2022 | 1 | F-866B-1   | FWD.BAGGAGE BULKHEAD   | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-867A-1   | COOLING AIR RAMP       | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-867C-1   | ATTACH ANGLE           | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-867D-1   | STIFFENERS             | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-829C-L-1 | FOOT WELL RECESS       | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-829C-R-1 | FOOT WELL RECESS       | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-870B-1   | STIFFENER              | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-870CD    | STIFFENERS             | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-829D-L-1 | FOOT WELL OUTBD.WEB    | T3 .025 | Acceptable for Use      | Yes       | Interior panel   |
| 6/22/2022 | 1 | F-829D-R-1 | FOOT WELL OUTBD.WEB    | T3 .025 | Acceptable for Use      | Yes       | Interior panel   |
| 6/22/2022 | 1 | F-830C-1   | FLOOR STIFFENER        | T3 .032 | Acceptable for Use      | Difficult |  |
| 6/22/2022 | 1 | F-830DEF-1 | FLOOR STIFFENER        | T3 .032 | Acceptable for Use      | Difficult |  |
| 6/22/2022 | 1 | F-831-1    | RIGHT SEAT FLOOR       | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-832A-1   | FRONT SEATBACK 8/8A    | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-833A     | REAR SEATBACK          | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-834-1    | AFT BAGGAGE FLOOR      | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-835-1    | REAR BAGGAGE SHELF     | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-864B-1   | THROTTLE QUADRANT MNT  | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-864C-1   | THROTTLE QUAD ANGLE    | T3 .032 | Acceptable for Use      | Yes       | Non structural   |
| 6/22/2022 | 1 | F-864DA-1  | THRTL.QUAD.BRACKET     | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 2 | F-872APP   | WING ROOT FAIRING -FWD | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 2 | F-872BPP   | WING ROOT FAIRING- AFT | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-873E-1   | BAG.DOOR OUTBRD.RIB    | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-873G-1   | HINGE SUPPORT          | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-873H     | SPACER                 | T3 .032 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-876-L-1  | AFT CABIN Cover        | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-876-R-1  | AFT CABIN Cover        | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-880A-1   | FWD.SEAT RAMP          | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 2 | F-881-1    | MID CABIN Cover        | T3 .025 | Acceptable for Use      | Yes       |  |
| 6/22/2022 | 1 | F-899-1    | FWD.BAGGAGE SIDE -8A   | T3 .025 | Acceptable for Use      | Yes       |  |
| 1/5/2023  | 1 | F-811A-1   | AFT BULKHEAD           | T3 .032 | Replacement Recommended | Yes       |  |
| 1/5/2023  | 1 | F-815B-R-1 | SEAT RIB               | T3 .032 | Acceptable for Use      | Yes       |  |

**RV-7 TAIL KIT**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material             | Status                  | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|----------------------|-------------------------|-------------|----------------|
| 1/16/2022               | 1           | E-606PP                                   | ELEVATOR TRIM SPAR    | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-607PP                                   | TRIM SPAR             | T3 .032              | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-709                                     | END ROOT RIB RIGHT    | T3 .032,T3 .032      | Replacement Recommended | Partial     |                |
| 1/16/2022               | 1           | E-717                                     | TRIM TAB HORN 7/8     | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-718                                     | TRIM TAB HORN 7/8     | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | E-720H5                                   | ELEVATOR STIFFENERS   | T3 .025              | Acceptable for Use      | No          |                |
| 1/16/2022               | 2           | HS-603PP                                  | HORIZ. REAR SPAR      | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | R-903                                     | RUDDER TOP RIB        | T0 .032 heat treated | Replacement Recommended | Yes         |                |
| 1/16/2022               | 1           | R-904                                     | RUDDER BOTTOM RIB     | T3 .032              | Replacement Recommended | No          |                |
| 1/16/2022               | 1           | VS-704                                    | ROOT RIB              | T0 .032 heat treated | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-705                                    | NOSE RIB              | T0 .032 heat treated | Acceptable for Use      | Yes         |                |
| 1/16/2022               | 1           | VS-706                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 2/4/2022                | 1           | R-710                                     | RUDDER HORN BRACE     | T3 .040              | Replacement Recommended | No          |                |
| 2/9/2022                | 1           | E-615PP                                   | ELEV TRIM MNTG PLATE  | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 2/9/2022                | 2           | E-703                                     | END RIB               | T0 .025 heat treated | Replacement Recommended | No          |                |
| 2/9/2022                | 2           | E-704                                     | COUNTERBALANCE RIB    | T0 .025 heat treated | Replacement Recommended | Yes         |                |
| 2/9/2022                | 2           | HS-00005                                  | RIB,INBD,AFT          | T3 .032              | Acceptable for Use      | Yes         |                |
| 2/9/2022                | 2           | HS-706                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 2/9/2022                | 2           | HS-707                                    | NOSE RIB              | T0 .025 heat treated | Acceptable for Use      | No          |                |
| 2/9/2022                | 2           | HS-708                                    | MAIN RIB              | T0 .025 heat treated | Acceptable for Use      | Difficult   |                |
| 2/9/2022                | 1           | R-912                                     | RUDDER C.BALANCE RIB  | T0 .032 heat treated | Replacement Recommended | Yes         |                |
| 2/9/2022                | 1           | VS-707                                    | TIP RIB               | T0 .025 heat treated | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 1           | E-616PP                                   | ELEV TRIM COVER       | T3 .032,T3 .032      | Replacement Recommended | Yes         |                |
| 8/1/2022                | 2           | E-702                                     | ELEVATOR SPAR         | T3 .032,T3 .032      | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | E-705                                     | END ROOT RIB LEFT     | T3 .032,T3 .032      | Replacement Recommended | Partial     |                |
| 8/1/2022                | 2           | E-720ABCH                                 | ELEVATOR STIFFENERS   | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 4           | E-720DEFG                                 | ELEVATOR STIFFENERS   | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 2           | HS-00006                                  | RIB,INBOARD,FWD       | T3 .032              | Acceptable for Use      | Yes         |                |
| 8/1/2022                | 2           | HS-702                                    | FRONT SPAR            | T3 .032,T3 .032      | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | R-902                                     | RUDDER SPAR           | T3 .032,T3 .032      | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 8           | R-915                                     | RUDDER STIFFENER X2   | T3 .025              | Acceptable for Use      | No          |                |
| 8/1/2022                | 1           | VS-702                                    | VERT. STAB FRONT SPAR | T3 .032              | Replacement Recommended | Difficult   |                |
| 8/1/2022                | 1           | VS-803PP                                  | VERT. STAB REAR SPAR  | T3 .032              | Replacement Recommended | Partial     |                |

**RV-7 WING**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material                     | Status                  | Inspectable | External_Notes   |
|-------------------------|-------------|---|-----------------------|------------------------------|-------------------------|-------------|--|
| 2/3/2022                | 8           | A-710                                     | STIFFENER             | T3 .025                      | Acceptable for Use      | No          |  |
| 2/3/2022                | 1           | VA-195C                                   | ACCESS HATCH DOUBLER  | T3 .025                      | Acceptable for Use      | Yes         |  |
| 5/19/2022               | 1           | FL-703-L                                  | FLAP SPAR             | T3 .040                      | Replacement Recommended | No          |  |
| 5/19/2022               | 1           | FL-703-R                                  | FLAP SPAR             | T3 .040                      | Replacement Recommended | No          |  |
| 5/19/2022               | 1           | W-710-L                                   | INBD WING RIB         | T0 .032 heat treated,T3 .032 | Replacement Recommended | Yes         | This part may change classification to blue after further analysis |
| 5/19/2022               | 1           | W-710-R                                   | INBD WING RIB         | T0 .032 heat treated,T3 .032 | Replacement Recommended | Yes         | This part may change classification to blue after further analysis |
| 5/19/2022               | 1           | W-721-L                                   | FLAP BRACE            | T3 .040                      | Replacement Recommended | Yes         |  |
| 5/19/2022               | 1           | W-721-R                                   | FLAP BRACE            | T3 .040                      | Replacement Recommended | Yes         |  |
| 5/19/2022               | 1           | W-724-L                                   | AILERON GAP FAIRING   | T3 .020                      | Acceptable for Use      | Yes         |  |
| 5/19/2022               | 1           | W-724-R                                   | AILERON GAP FAIRING   | T3 .020                      | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 2           | A-704-L                                   | AILERON NOSE RIB      | T3 .040                      | Replacement Recommended | No          |  |
| 6/30/2022               | 2           | A-704-R                                   | AILERON NOSE RIB      | T3 .040                      | Replacement Recommended | No          |  |
| 6/30/2022               | 2           | A-705-L                                   | AILERON RIB           | T3 .025                      | Replacement Recommended | Yes         |  |
| 6/30/2022               | 2           | A-705-R                                   | AILERON RIB           | T3 .025                      | Replacement Recommended | Yes         |  |
| 6/30/2022               | 2           | FL-704-L                                  | FLAP RIB              | T3 .025                      | Replacement Recommended | Partial     |  |
| 6/30/2022               | 2           | FL-704-R                                  | FLAP RIB              | T3 .025                      | Replacement Recommended | Partial     |  |
| 6/30/2022               | 8           | FL-705                                    | FLAP RIB              | T3 .025                      | Acceptable for Use      | No          |  |
| 6/30/2022               | 1           | T-702-L                                   | FUEL TANK BAFFLE      | T3 .032                      | Acceptable for Use      | Difficult   |  |
| 6/30/2022               | 1           | T-702-R                                   | FUEL TANK BAFFLE      | T3 .032                      | Acceptable for Use      | Difficult   |  |
| 6/30/2022               | 2           | T-703-L                                   | FUEL TANK RIB         | T0 .032 heat treated         | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 2           | T-703-R                                   | FUEL TANK RIB         | T0 .032 heat treated         | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 5           | T-704-L                                   | FUEL TANK RIB         | T0 .025 heat treated         | Acceptable for Use      | Difficult   |  |
| 6/30/2022               | 5           | T-704-R                                   | FUEL TANK RIB         | T0 .025 heat treated         | Acceptable for Use      | Difficult   |  |
| 6/30/2022               | 4           | T-711                                     | FUEL TANK STIFFENER   | T3 .032                      | Acceptable for Use      | No          |  |
| 6/30/2022               | 5           | W-709-L                                   | WING LEADING EDGE RIB | T0 .025 heat treated         | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 5           | W-709-R                                   | WING LEADING EDGE RIB | T0 .025 heat treated         | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 10          | W-711-L                                   | INBD WING RIB         | T0 .025 heat treated         | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 10          | W-711-R                                   | INBD WING RIB         | T0 .025 heat treated         | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 3           | W-712-L                                   | OUTBOARD WING RIB     | T0 .025 heat treated         | Acceptable for Use      | Yes         |  |
| 6/30/2022               | 3           | W-712-R                                   | OUTBOARD WING RIB     | T0 .025 heat treated         | Acceptable for Use      | Yes         |  |
| 8/17/2022               | 1           | FL-702-L                                  | FLAP BOTTOM SKIN      | T3 .025                      | Replacement Recommended | Yes         |  |
| 8/17/2022               | 1           | FL-702-R                                  | FLAP BOTTOM SKIN      | T3 .025                      | Replacement Recommended | Yes         |  |



# RV-7 FUSELAGE

VAD-10041 R8 - No Changes 1/8/2024

Laser Status

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material | Status             | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|----------|--------------------|-------------|----------------|
| 5/3/2022                | 2           | F-656-L                                   | GUSSET PLATE          | T3 .025  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 2           | F-656-R                                   | GUSSET PLATE          | T3 .025  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-766A                                    | FLAP ACTUATOR CHANNEL | T3 .040  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-782A-L                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-782A-R                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-782C                                    | CENTER CABIN COVER    | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-982A-L                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-982A-R                                  | Cover PLATE           | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-982E                                    | ACCESS PLATE          | T3 .020  | Acceptable for Use | Yes         |                |
| 5/3/2022                | 1           | F-983C                                    | FUEL VALVE Cover      | T3 .020  | Acceptable for Use | Yes         |                |
| 5/6/2022                | 1           | F-643-1                                   | FWD.FUSE RIB          | T3 .032  | Acceptable for Use | Yes         | No holes       |

**RV-3/4 WING**

VAD-10041 R8 - No Changes 1/8/2024

**Laser Status**

| First Date In Inventory | QTY per kit | PARTS PRODUCED ON LASER THROUGH JUNE 2023 | Description           | Material             | Status                  | Inspectable | External_Notes |
|-------------------------|-------------|---|-----------------------|----------------------|-------------------------|-------------|----------------|
| 2/3/2022                | 8           | A-710                                     | STIFFENER             | T3 .025              | Acceptable for Use      | No          |                |
| 4/29/2022               | 2           | T-403-R                                   | 032 TANK END WING RT  | T0 .032 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 3           | T-404-L                                   | 025 TANK RIB LEFT     | T0 .025 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 3           | T-404-R                                   | 025 TANK RIB RIGHT    | T0 .025 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 4           | W-307-L                                   | LEADING EDGE RIB .020 | T0 .025 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 4           | W-307-R                                   | LEADING EDGE RIB .020 | T0 .025 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 1           | W-410-1L                                  | NOTCHED MAIN RIB 032  | T0 .032 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 1           | W-410-1R                                  | NOTCHED MAIN RIB 032  | T0 .032 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 6           | W-411-L                                   | 025 MAIN RIB LEFT     | T0 .025 heat treated | Acceptable for Use      |             |                |
| 4/29/2022               | 6           | W-411-R                                   | 025 MAIN RIB RIGHT    | T0 .025 heat treated | Acceptable for Use      |             |                |
| 6/30/2022               | 2           | A-704-L                                   | AILERON NOSE RIB      | T3 .040              | Replacement Recommended | No          |                |
| 6/30/2022               | 2           | A-704-R                                   | AILERON NOSE RIB      | T3 .040              | Replacement Recommended | No          |                |
| 6/30/2022               | 2           | A-705-L                                   | AILERON RIB           | T3 .025              | Replacement Recommended | Yes         |                |
| 6/30/2022               | 2           | A-705-R                                   | AILERON RIB           | T3 .025              | Replacement Recommended | Yes         |                |
| 8/31/2022               | 3           | W-4091-L                                  | NOTCHED RIB 025       | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 3           | W-4091-R                                  | NOTCHED RIB 025       | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 2           | W-4092-L                                  | NOTCHED RIB 025       | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 2           | W-4092-R                                  | NOTCHED RIB 025       | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 3           | W-4111-L                                  | NOTCHED MAIN RIB 025  | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 3           | W-4111-R                                  | NOTCHED MAIN RIB 025  | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 2           | W-4112-L                                  | NOTCHED MAIN RIB 025  | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 2           | W-4112-R                                  | NOTCHED MAIN RIB 025  | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 2           | W-4113-L                                  | NOTCHED MAIN RIB 025  | T0 .025 heat treated | Acceptable for Use      |             |                |
| 8/31/2022               | 2           | W-4113-R                                  | NOTCHED MAIN RIB 025  | T0 .025 heat treated | Acceptable for Use      |             |                |
| 2/2/2023                | 2           | T-403-L                                   | 032 TANK END WING LFT | T0 .032 heat treated | Acceptable for Use      |             |                |