



VAN'S AIRCRAFT
TOTAL PERFORMANCE

14401 Keil Road NE, Aurora,
Oregon, USA 97002
PHONE 503-678-6545 • FAX 503-678-6560
www.vansaircraft.com • info@vansaircraft.com

SERVICE BULLETIN 00128

Date Released: March 20, 2026

Date Effective: March 20, 2026

Subject: Canopy pins

Affected Models: All RV-14 & RV-14A with Finish Kits shipped before 3/20/2026

Required Action: Update side Canopy Pins and Guides. Update Canopy Lock Pins, Latch Bellcrank Angles, Latch Bellcrank, Switch Brackets, and modify Gusset.

Time of Compliance: At next condition inspection. Until compliance, aerobatic flight is prohibited and no operations are permitted at speeds above the maximum structural cruising speed 156 KCAS.

Labor Required: 5 hours

Level of Certification: Check the rules of the local controlling agency and the operating limitations for your aircraft.

Synopsis:

The side canopy retention pins have been observed to lift partially out of their sockets during aggressive aerobatic maneuvers and overspeed conditions. To increase retention margins during these conditions, we are lengthening the side and rear canopy pins.

Correction 1: Side canopy pins lengthened to increase retention margins during aggressive aerobatic maneuvers and overspeed conditions.

Correction 2: Rear canopy latch pin engagement depth increased.

Materials Required:

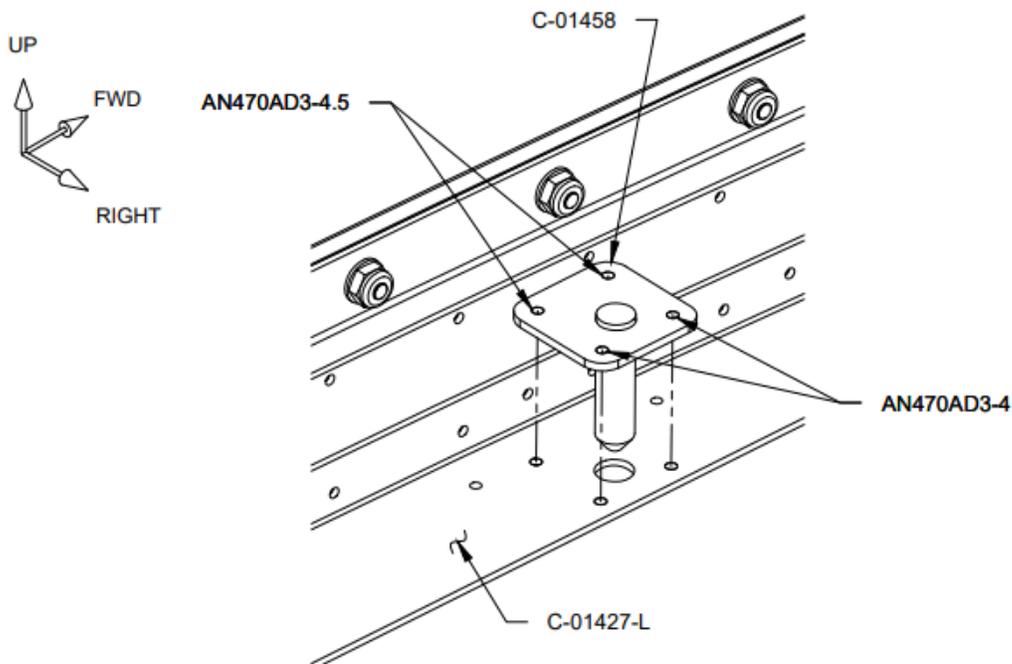
The following materials are required to complete the steps necessary to achieve compliance with this Service Bulletin.

Purchase SB-00128-KIT

Method of Compliance:

NOTE: All procedures shall conform to Section 5 General Information.

Step 1: Remove Guide Pin Assembly C-01453 and replace with Guide Pin Assembly C-01458 Guide Pin. See Figure 1.



Step 2: . Remove C-01454 Guide Plate and scribe line through center line of mounting holes as shown in Figure 2.

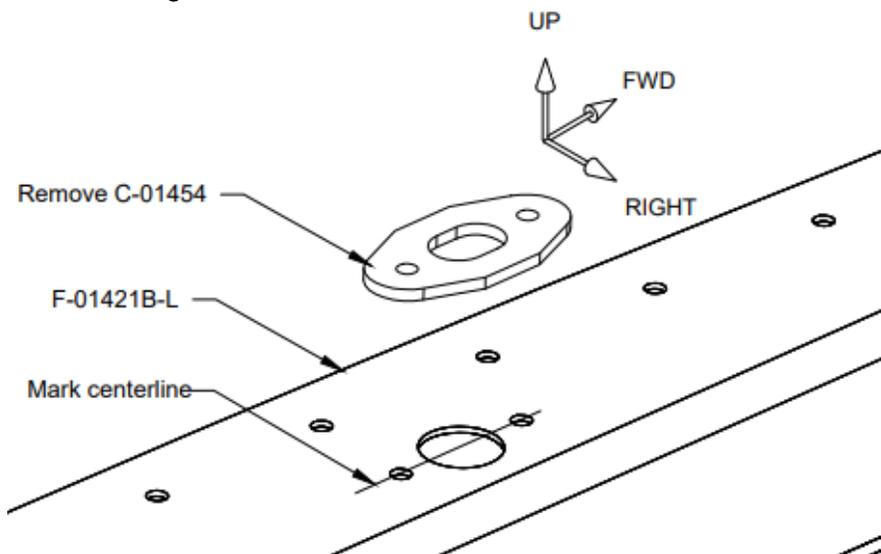


FIGURE 2: GUIDE PLATE INSTALLATION

Step 3: Cleco C-01457 guide plate into place. Mark aft #30 hole and area to be removed. Drill hole with #30 drill and remove material. See Figure 3.

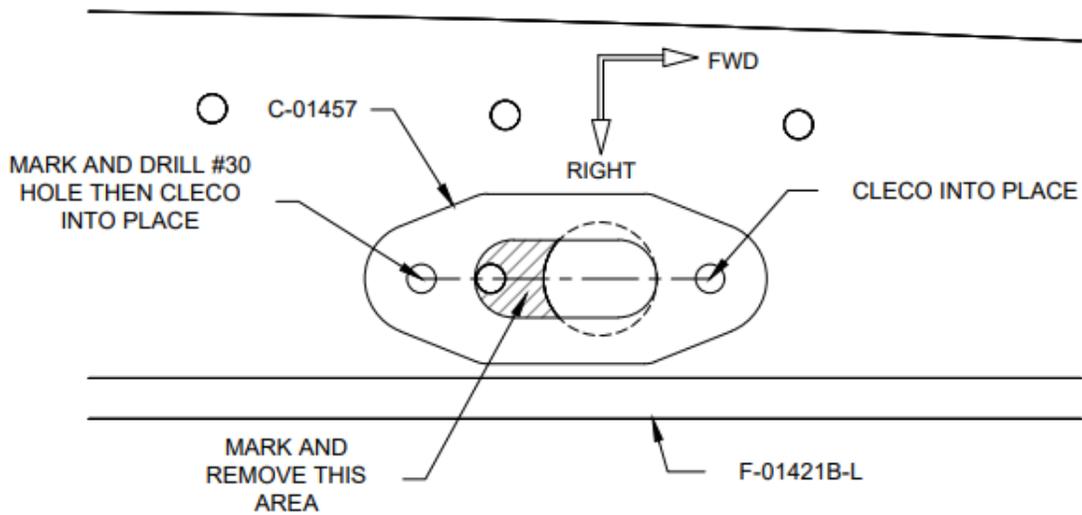


FIGURE 3: GUIDE PLATE INSTALLATION

Step 4: Install Guide Plate as shown in Figure 4.

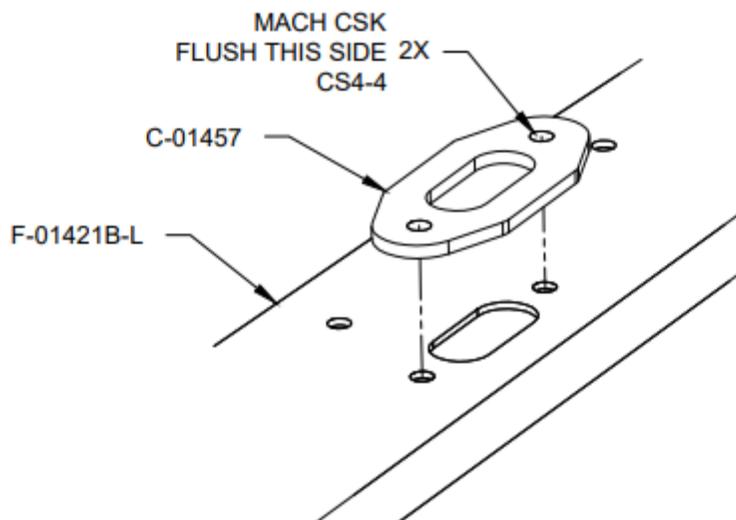


FIGURE 4: GUIDE PLATE INSTALLATION

Step 5: Remove C-01445-L and -R Switch Brackets. Install C-01459-L and -R Switch Brackets. Leave the nuts loose, the switch will be adjusted later. See Figure 5.

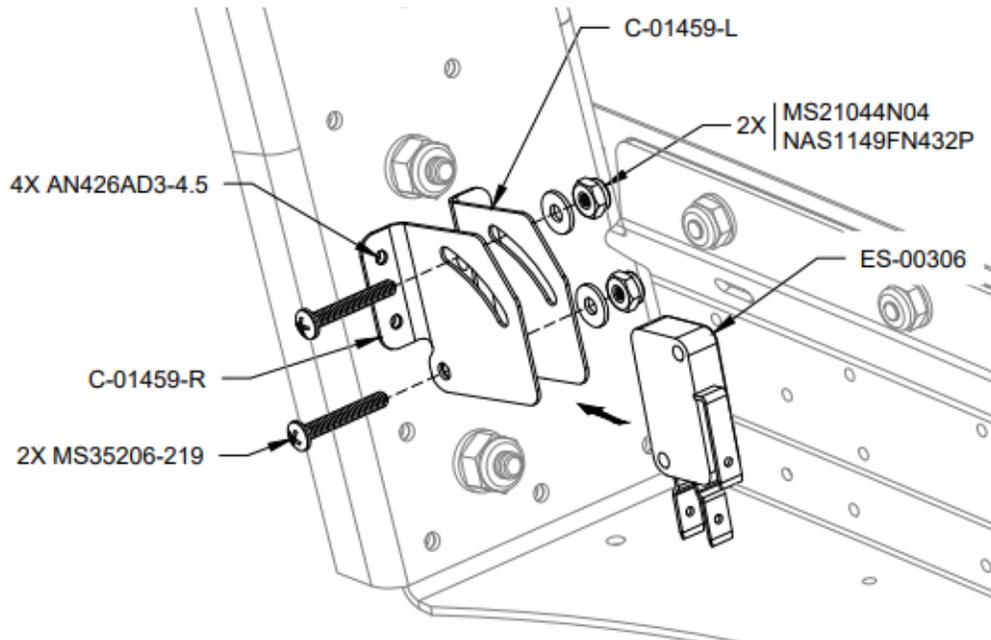


FIGURE 5: SWITCH BRACKET REPLACEMENT

Step 6: Remove Canopy Pin, Links and Latch Bellcrank. See Figure 6.

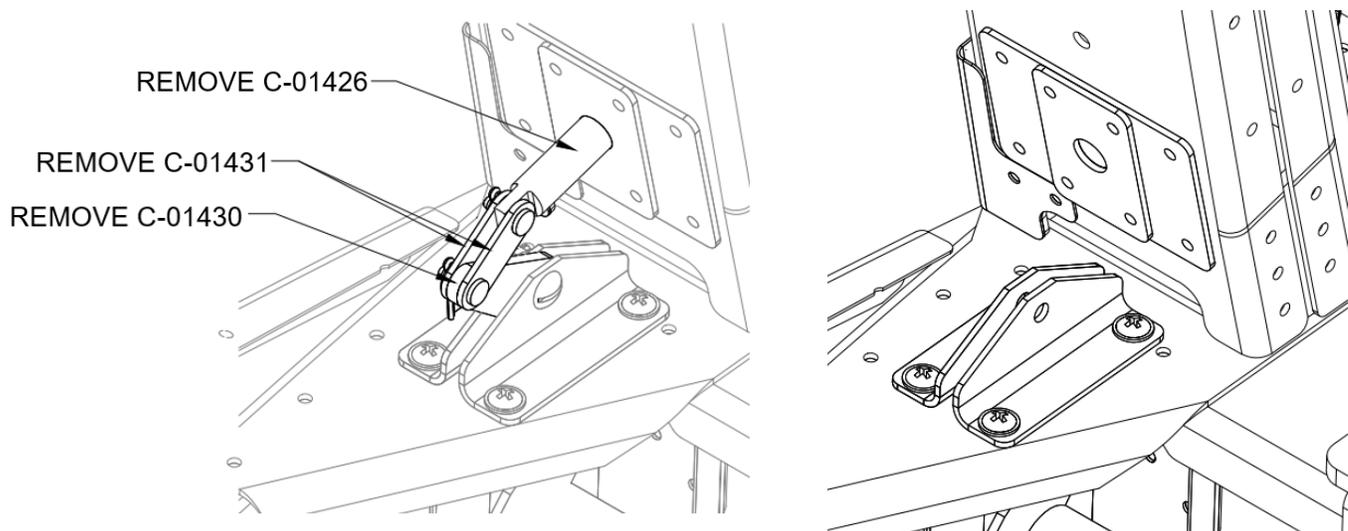


FIGURE 6: PIN, LINKS, AND BELLCRANK REMOVAL

Step 7: Scribe line at the Aft end of Latch Bellcrank Angles as shown in Figure 7.

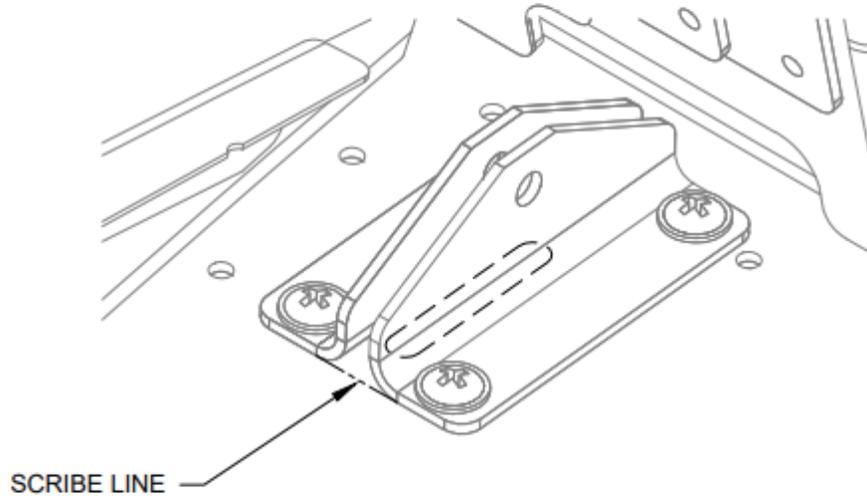


FIGURE 7: SCRIBE LINE

Step 8: Remove Torque Tube Block bolts on both sides and lower the Torque Tube. This will gain access to the Latch Bellcrank Angle bolts. See Figure 8.

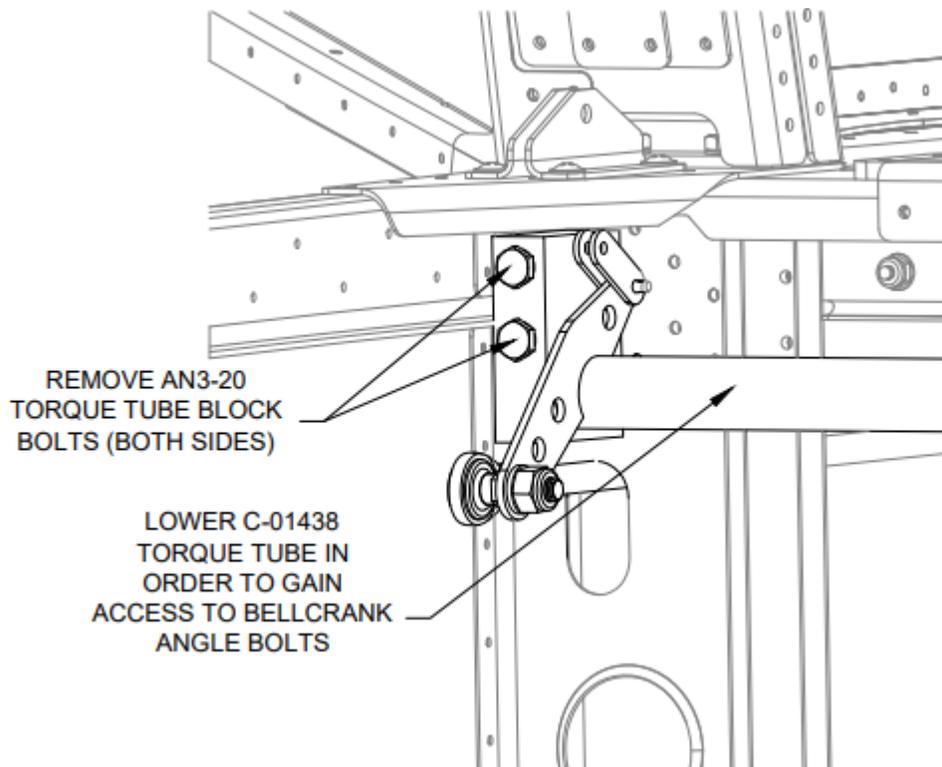


FIGURE 8: BELLCRANK ANGLE BOLTS ACCESS

Step 9: Remove Latch Bellcrank Angles as shown in Figure 9.

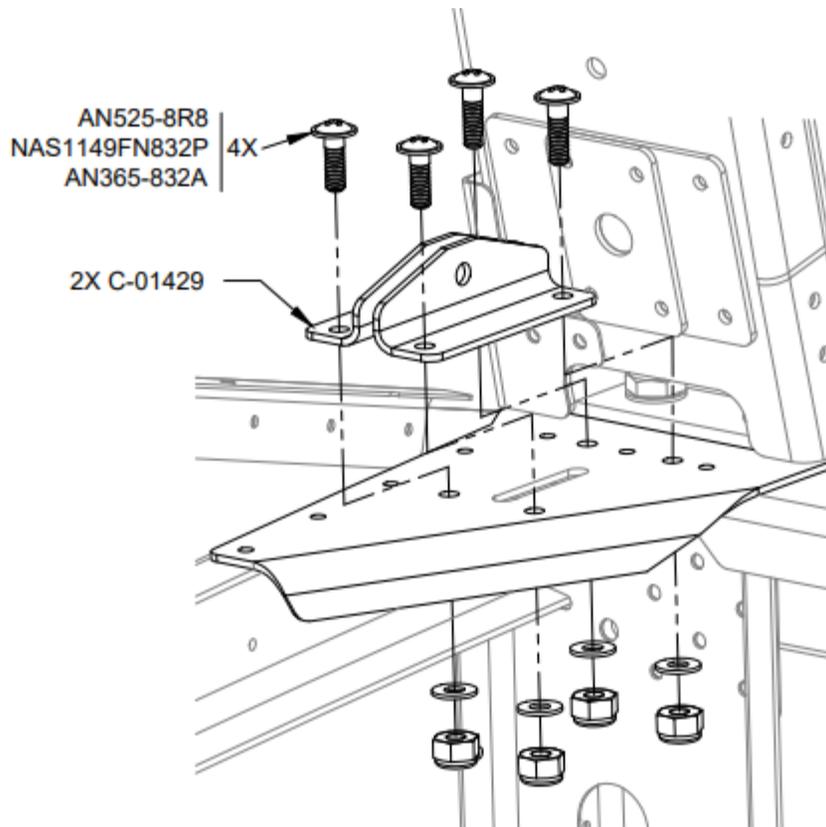


FIGURE 9: BELLCRANK ANGLE REMOVAL

Step 10: Lengthen slot to the scribe line using a Dremel cutting disc and finish with a File. See Figure 10.

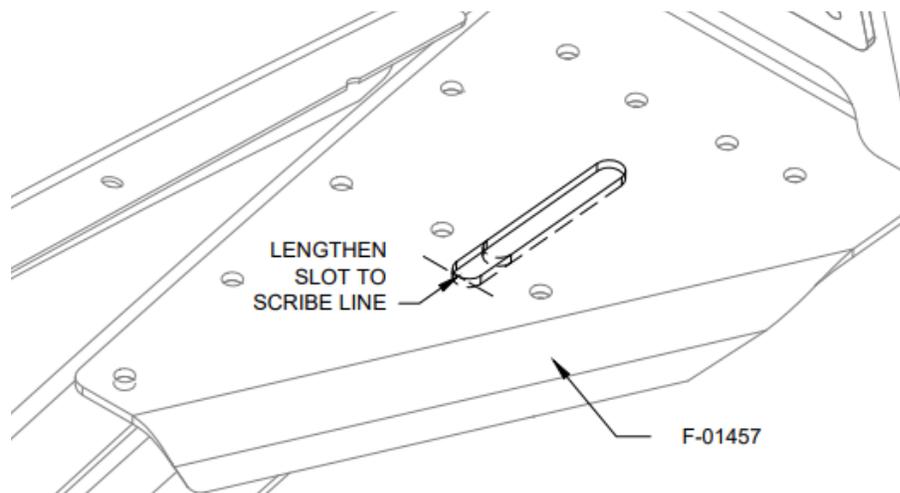


FIGURE 10: LENGTHEN BELLCRANK SLOT

Step 11: Attach 2X C-01460. See Figure 11.

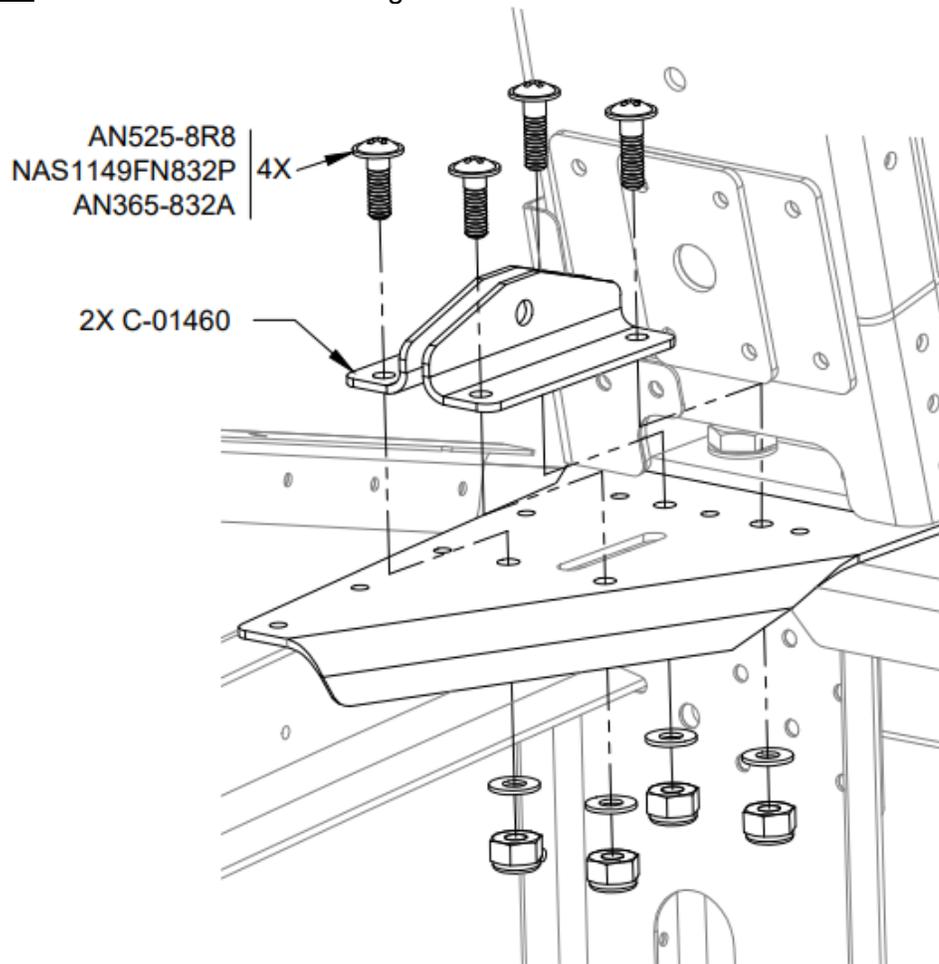


FIGURE 11: ATTACH BELLCRANK ANGLES

NOTE: Do not engage the Canopy Pins with the Canopy closed until Switch Brackets are replaced with the switch rotated forward.

Step 12: Reassemble Torque Blocks, Torque Tube, Latch Bellcrank and Canopy Pin as shown in Figure 12 and Figure 13.

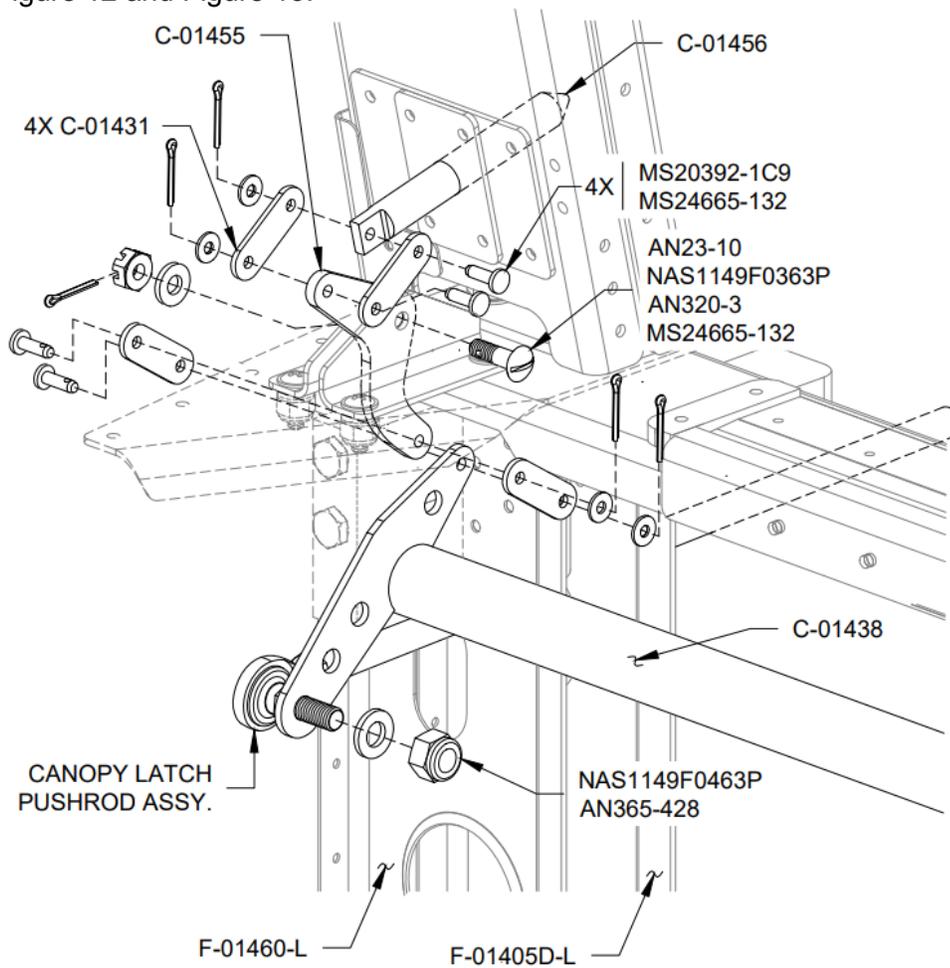


FIGURE 12: BELLCRANK ASSEMBLY

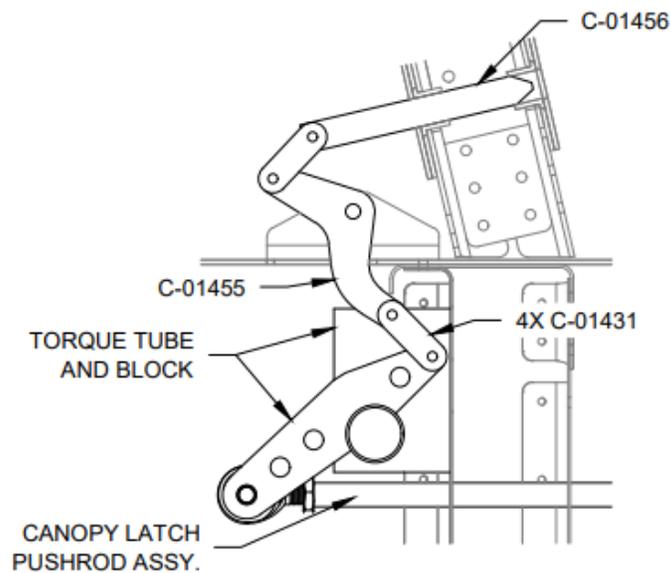


FIGURE 13: SECTION VIEW BELLCRANK ASSEMBLY

Step 13: Close and lock the Canopy, the Canopy Pin will now penetrate further through the Canopy frame.

Some refinement may be necessary to the Canopy frame pin holes if they do not line up with the holes on the Canopy Pin Blocks. To refine the hole alignment, use a round file and carefully modify the Canopy pin hole without contacting the Pin Block.

The operation of the Canopy pins will be smooth and without resistance when the holes are properly aligned. See Figure 14.

Adjust canopy switch for proper operation.

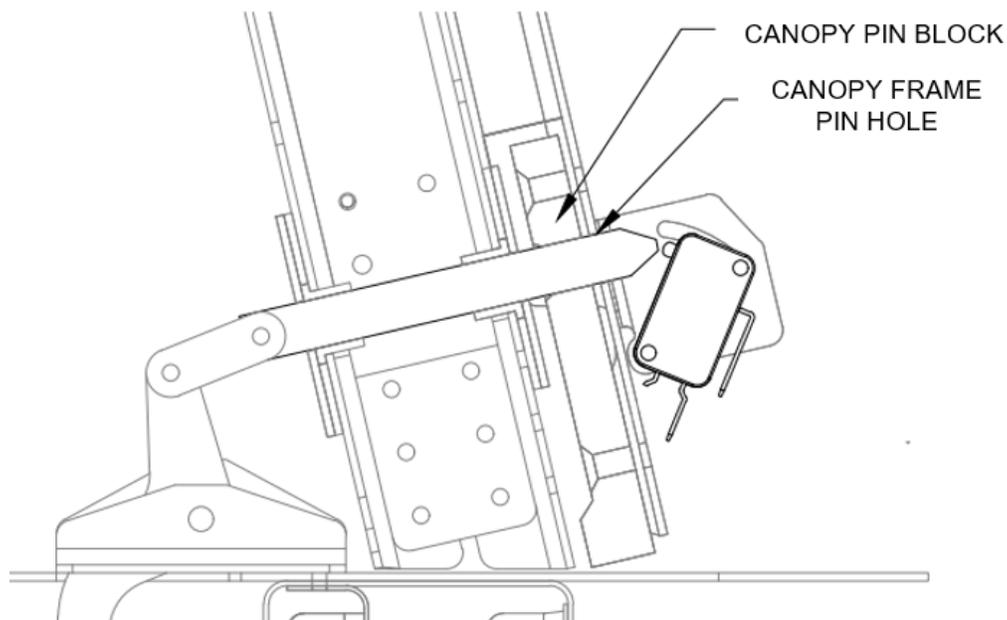


FIGURE 14: CANOPY PIN HOLE ALLIGNMENT

Step 14: Make a logbook entry indicating compliance with this service document per the requirements of the controlling authority/agency.

Place a copy of this notification in the back of the maintenance manual for your aircraft. Add the name and date of the service information to the Addendum Documents List at the front of the Maintenance Manual.

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and immediately notify Van's Aircraft, Inc. via email at registrations@vansaircraft.com. Please include the new owner's contact information and date the aircraft ownership transferred.

Information regarding establishing/transferring aircraft ownership, registration and licensing is available at: <https://www.vansaircraft.com/qr/transfer-of-ownership/>