

TOTAL PERFORMANCE VAN'S AIRCRAFT

14401 Keil Road NE, Aurora, Oregon, USA 97002

PHONE 503-678-6545 • FAX 503-678-6560 • www.vansaircraft.com • info@vansaircraft.com

Service Letters and Bulletins: www.vansaircraft.com/public/service.htm

NOTIFICATION 15-09-15

Date Released: Sept 15, 2015

Date Effective: Sept 15, 2015

Subject: Mechanical Push Button Spar Pin Switch Upgrade

Affected Models: RV-12

Required Action: Replace the magnetic reed style spar pin switches with mechanical push button switches

Time of Compliance: None

Supersedes Notice: None

Labor required / SLSA Warranty Allowance: 5.5 hours / N/A

Level of Certification: (Owner, LSA Repairman Inspection - *not applicable to SLSA*), LSA Repairman Maintenance, A&P

Synopsis:

Installation of mechanical push button spar pin switches will improve ease of installation and proper configuration.

PART NUMBER

Purchase from Van's Aircraft:

Qty	Part Number
1	12 SPAR SWITCH KIT

Method of Compliance:

NOTE: Right side modification shown. Left side modification is a mirror of the right side modification.

Step 1: Locate the hole in the vertical flange of the F-1248-R Arm Rest. Using the hole as a starting point, draw a centerline on the flange extending an inch forward and an inch aft of the hole. Make marks on the centerline 0.375 inches aft and 0.375 inches forward of the center of the hole.

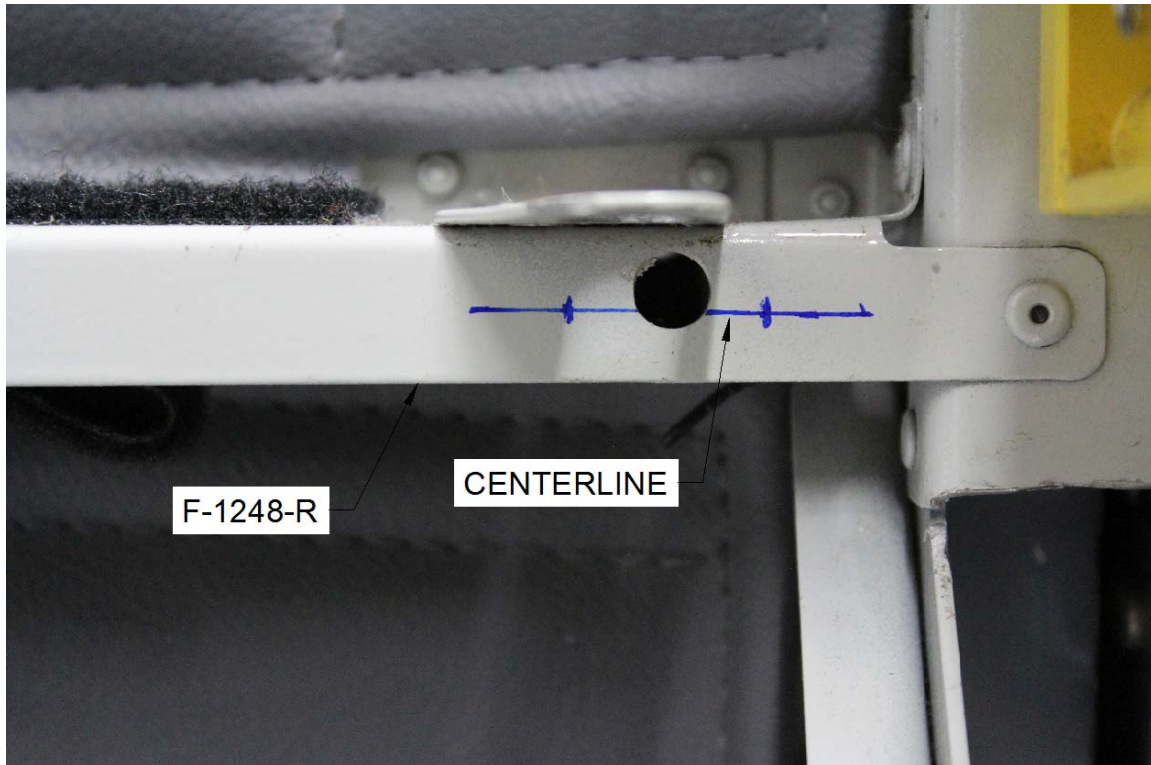


FIGURE 1: MARKING A CENTERLINE

Step 2: Clamp an F-00104 Spar Pin Switch Plate to the inboard face of the flange and center the part about the marks made on the centerline in the previous step.

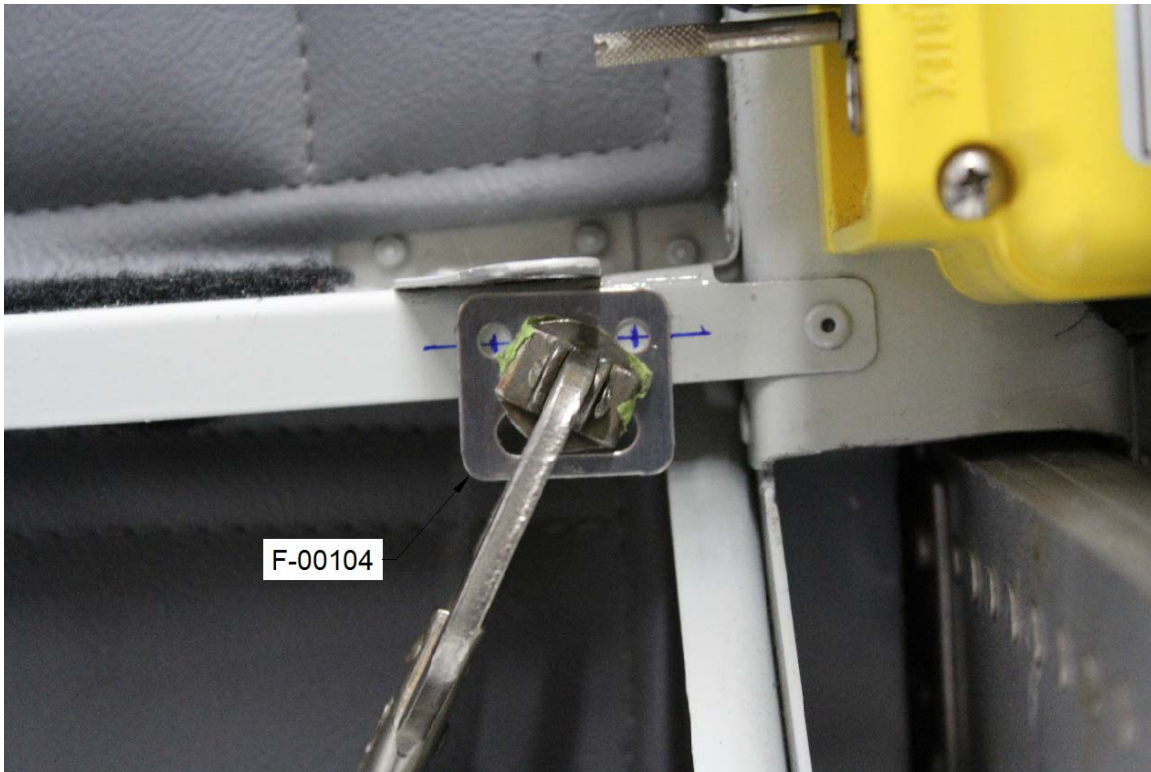


FIGURE 2: ALIGNING THE SWITCH PLATE

Match drill #19 the flange of the arm rest using the spar pin switch plate as a guide.

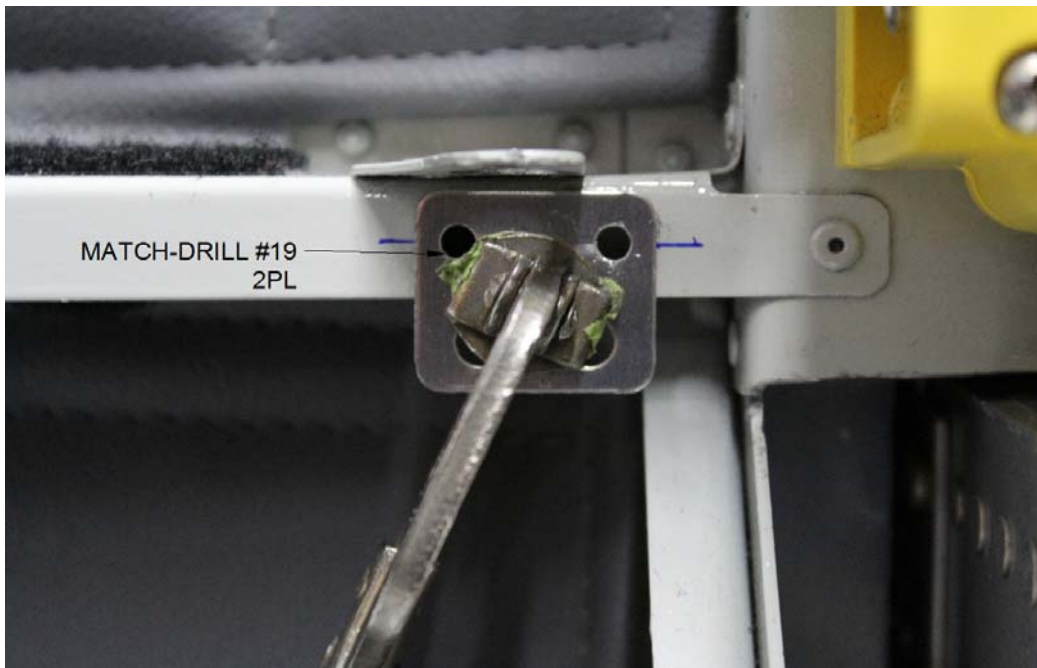


FIGURE 3: MATCH DRILLING

Step 3: Drill #30 through the F-1248B Spar Pin Switch Plate and the F-1248-R Arm Rest for an additional rivet LP4-3 as shown in Figure 4. Use Figure 4 to approximate the position of this hole. Set the LP4-3 rivet in the new hole.



FIGURE 4: NEW RIVET LOCATION

- Step 4: Complete KAI 31B-10 (REV 1 or higher) Step 3.
- Step 5: Complete KAI 31B-10 (REV 1 or higher) Step 4.
- Step 6: Complete KAI 31B-10 (REV 1 or higher) Step 5.
- Step 7: Complete KAI 31B-10 (REV 1 or higher) Step 6.
- Step 8: Complete KAI 31B-10 (REV 1 or higher) Step 7.
- Step 9: Make this logbook entry:

I hereby certify the modifications in compliance with N 15-09-15 and all referenced documents have been completed and proper operation confirmed.

Signature _____

Certificate # _____

Step 10: Place a copy of this notification in the back of the maintenance manual for your aircraft.

Note the addition of this notification to the bottom of the Maintenance Manual table of contents.