

TOTAL PERFORMANCE
VAN'S AIRCRAFT

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SERVICE BULLETIN 14-01-17

Date Released: January 17, 2014

Date Effective: January 17, 2014

Subject: Rudder cables chafing misrouted brake lines.

Affected Models: Brake lines: RV-12 SLSA aircraft serial numbers 12004, 12006, 12007, 12008, 12009, and 12010.

Recommended Action: Inspect F-1289C-L and F-1289C-R Main Brake Lines for correct routing.

Time of Compliance: At or before the next 100hr or annual condition inspection.

Labor Required / SLSA Warranty Allowance: Estimate 0.3 hrs to inspect.

Level of Certification: Owner

Synopsis:

Aircraft in field experienced brake line wear due to rudder cable contact as a result of incorrect brake line routing.

Method of Compliance:

Inspect brake line for correct routing.

Step 1: Remove cover plate(s) as required to view the position of the main brake lines relative to the rudder cables. See Figure 1.

Step 2: Inspect brake line routing. If routing is correct replace cover plate(s). No further action is necessary. If brake lines pass beneath rudder cables the routing is incorrect.

Step 3: Inspect incorrectly routed brake line for evidence of chafing by running your hand over it in the area where it crosses the rudder cable. Contact Van's Aircraft for further instructions.

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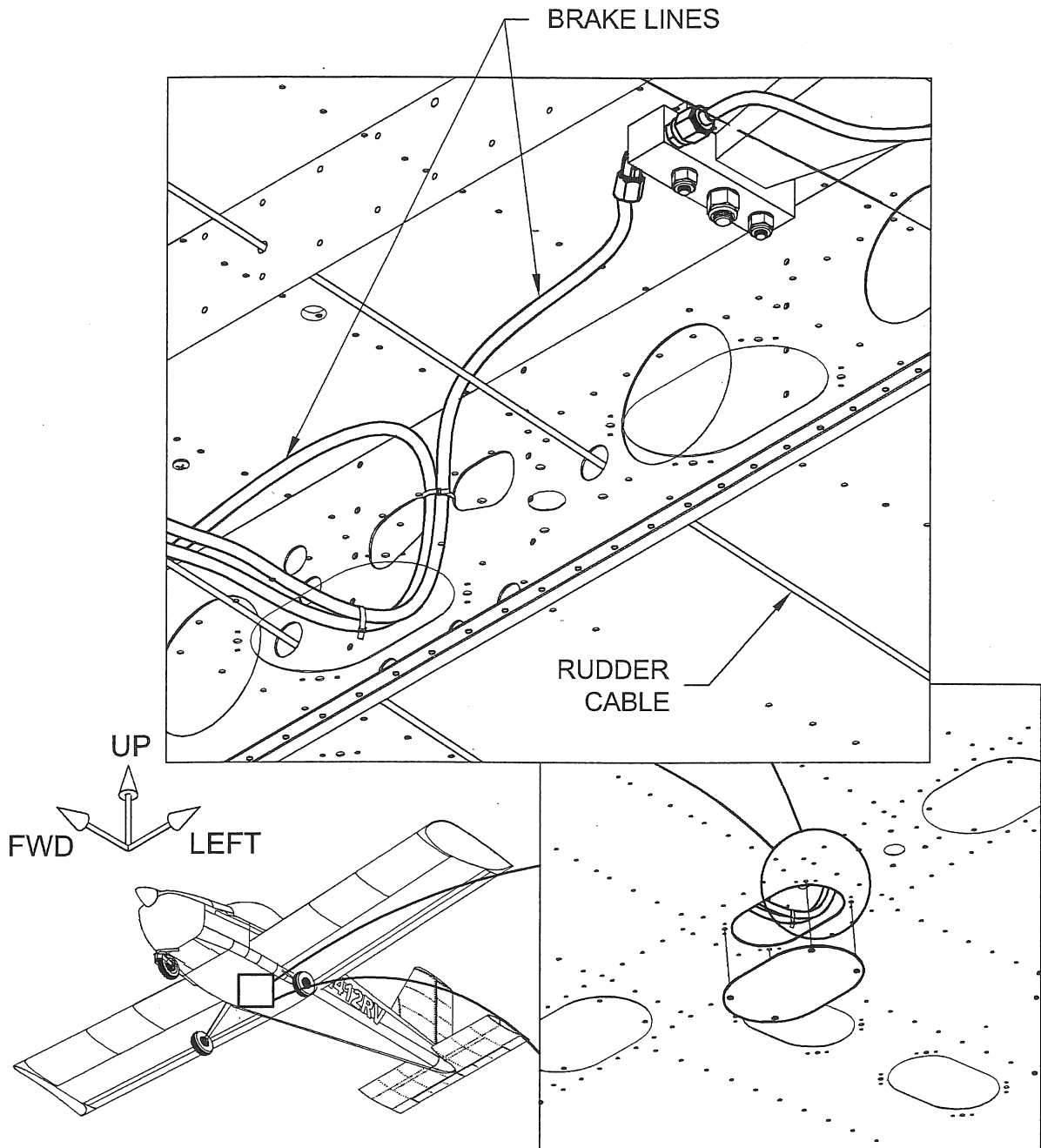


FIGURE 1: CORRECT BRAKE LINE ROUTING