



FAA: *Cindy Huey*  
Date: JUN 14 2005

## Service Bulletin No. 26

Page 1 of 2  
Date: 06/02/05

**SUBJECT:** Swing out Windows

**AIRPLANES AFFECTED:** All Maule Models with swing out windows installed.

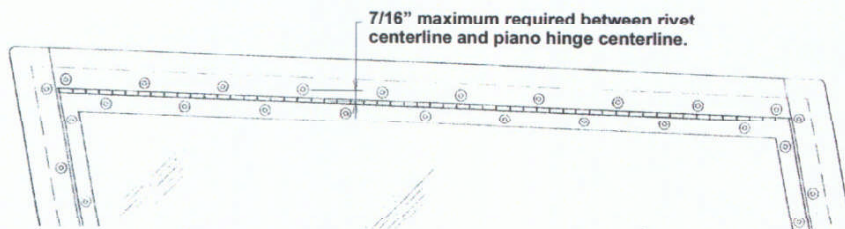
**STATUS:** This Service Bulletin is mandatory.

**BACKGROUND:** This Service Bulletin is prompted by a report from an owner that upon landing the swing out window fell out of the front door frame. After inspecting the installation it was determined that the holes for attaching rivets for securing the piano hinge to top door frame were being drilled too high (on center) through the window frame. The resultant loss of a window could cause a serious problem in flight.

**COMPLIANCE:** Immediate compliance is required.

**ACTION TO BE TAKEN:**

1. On outboard side of front door and at top of swing out window, measure from centerline of piano hinge to center of rivets across top that secure piano hinge to doorframe and door skin. If dimension is within 7/16" maximum and there is a minimum of 8 rivets, assembly is acceptable. Go to Step 6 for further instructions.



Note: All rivets required may be ordered from the Maule Air, Inc. Parts Department. Telephone number 229-985-2045, ext. 239 and 227.

2. **If measurement is over 7/16"**, remove top row of rivets (and 2 each rivets down both sides of door if skin is one piece) by drilling on rivet center using 1/8" drill. At lower end of door, under frame, drill 1/4, 1/4" in from edge and shake out rivet ends (optional).
3. Drill #30 holes and countersink 120°, equally between existing rivet holes at 3/8" dimension from centerline of piano hinge to rivet center. Note: If any rivets have been installed through piano hinge flange and doorframe, another rivet is not required in those rivet bays.
4. Install **SSC4-2S** blind countersink rivets to secure hinge flange to doorframe.
5. Reassemble door skin using **SSBL4-3S** rivets (with 3/8 dia. head) or **SSB4-3S** (with 1/4" dia. head). Matching the head size of existing door skin rivets may be preferred.
6. Examine the hinge flange to window frame rivet attachment. If space between rivets is greater than 3", drill #30 between and in line with the existing rivets that exceed the 3" spacing limit and install additional **SSB4-3S** rivets.
7. Fill out the accompanying Compliance Record Sheet and return to Maule Aerospace Technology, Inc. Make a normal aircraft logbook entry.



Page 2 of 2  
06/03/05

## Service Bulletin No. 26

### COMPLIANCE RECORD SHEET

Aircraft Model \_\_\_\_\_

Aircraft Serial No. \_\_\_\_\_

Action taken (PLEASE CHECK if applicable):

- ☐ ( ) Complied with Maule Service Bulletin No. 26.
- ☐ ( ) Assembly was acceptable as is. Dimension from centerline of piano hinge to center of rivets across top that secure piano hinge to doorframe and door skin was within the required 7/16" maximum.
- ☐ ( ) Countersunk rivets were installed per this service letter under door skin securing the piano hinge flange to door frame and top door skin was reinstalled.

Owner's Name \_\_\_\_\_

Owner's Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Certified by \_\_\_\_\_ Title \_\_\_\_\_  
Signature Owner, A & P. IA. Etc.

Date performed \_\_\_\_\_

If you no longer own this airplane, please fill in new owner's information and return to factory address below:

New Owner's Name \_\_\_\_\_

New Owner's Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Please mail this completed Compliance Record Sheet to:  
Maule Aerospace Technology, Inc. ~ Attention: Virginia Davis, Engineering Records ~ 2099 Georgia Highway 133 South ~ Moultrie, GA 31788 USA  
Or email to: [Virginia@mauleairinc.com](mailto:Virginia@mauleairinc.com)  
Or Fax to: 229-985-4048

Visit our website: [www.mauleairinc.com](http://www.mauleairinc.com)