



## **NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

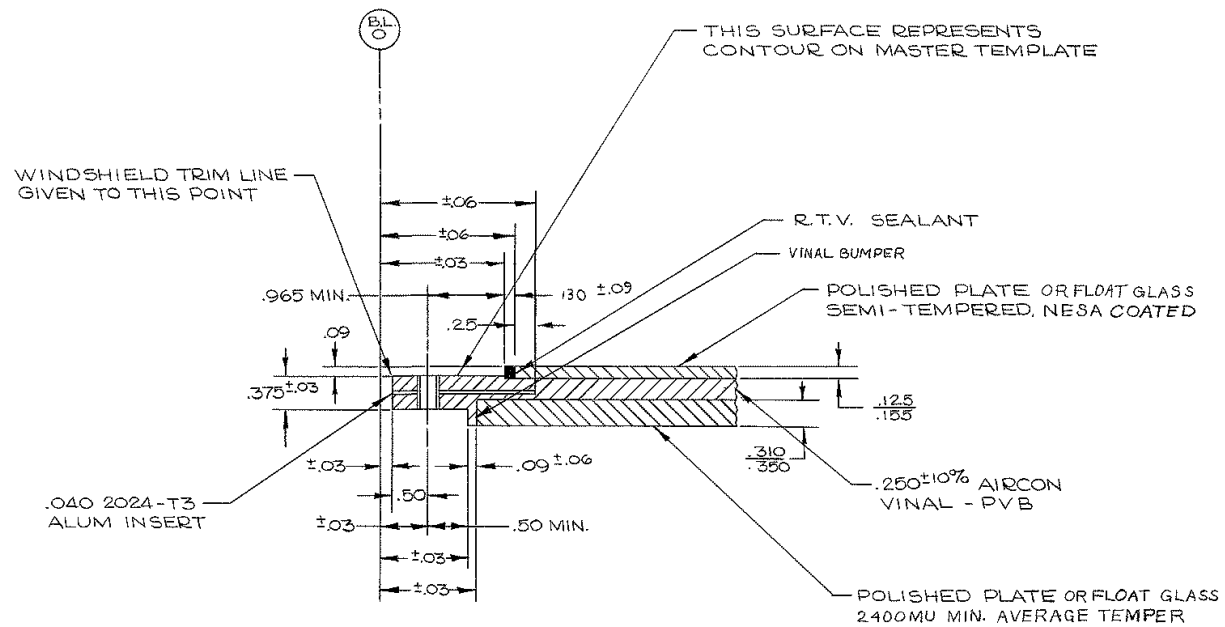
August 31, 2017

# **STRUCTURES**

**Group Chairman's Factual Report**

**WPR17LA031**

**Appendix A – Figures  
(4 pages)**



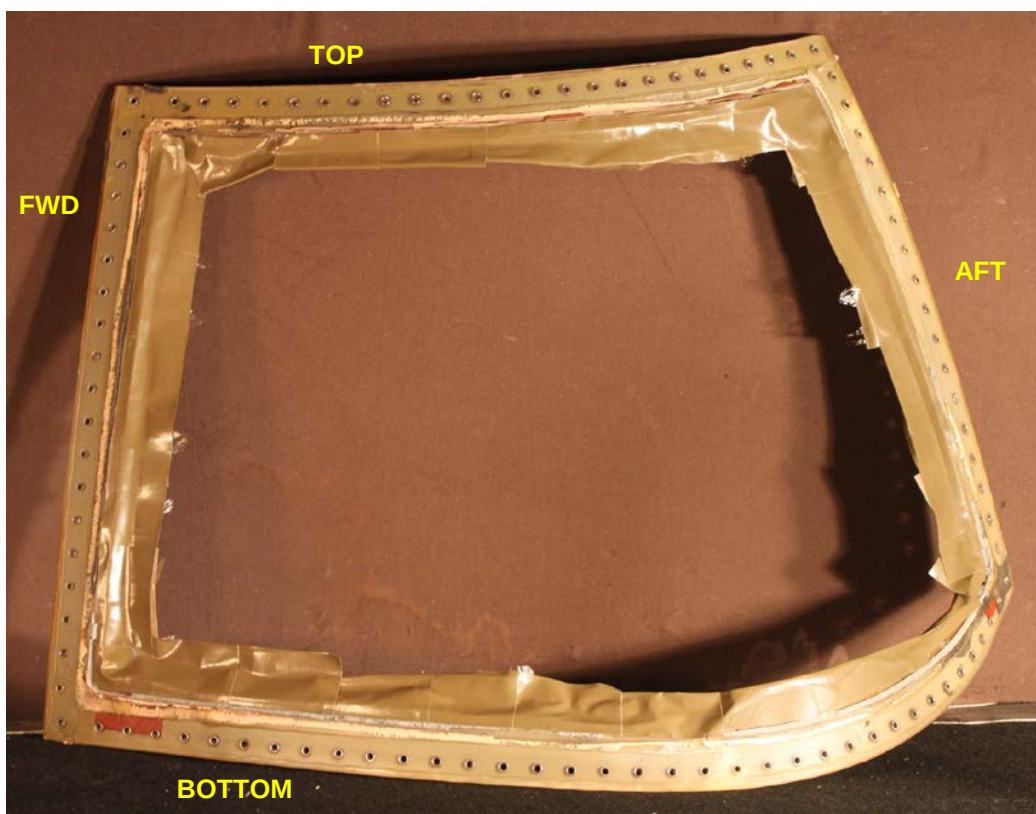
**Figure 1 – Piper PA-31T windshield cross-section drawing**



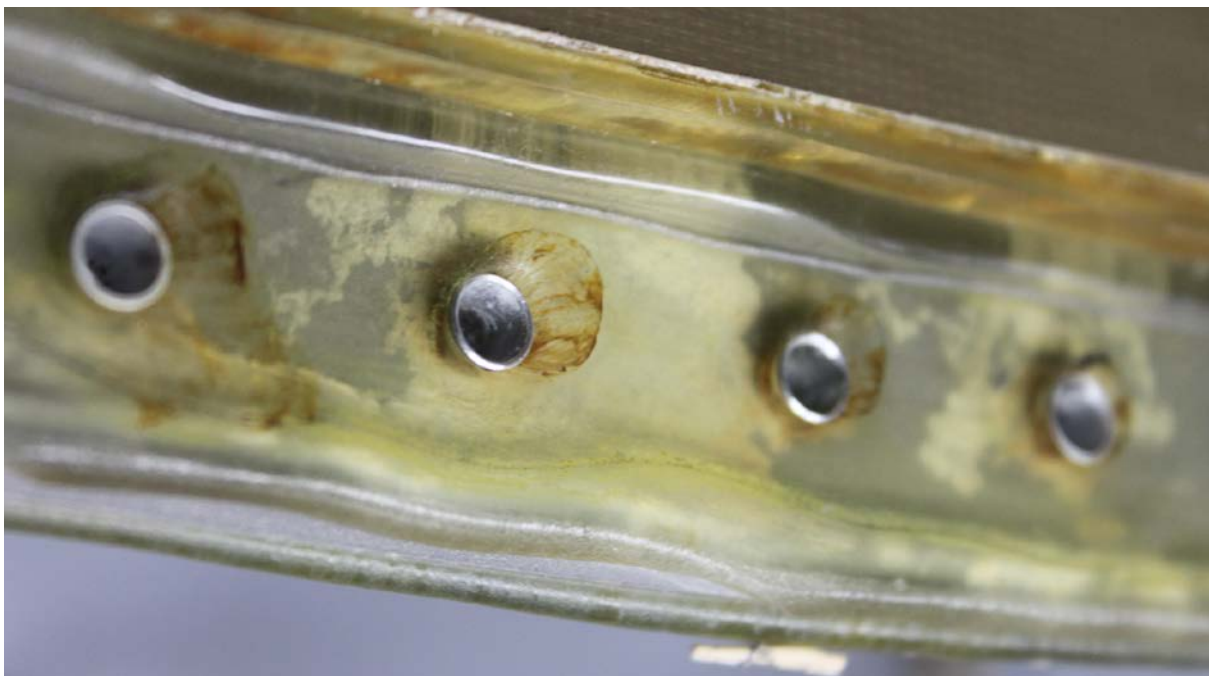
**Figure 2 – Fractured left windshield, N909PW**



**Figure 3 – Left and right windshields after frame removal, N909PW**



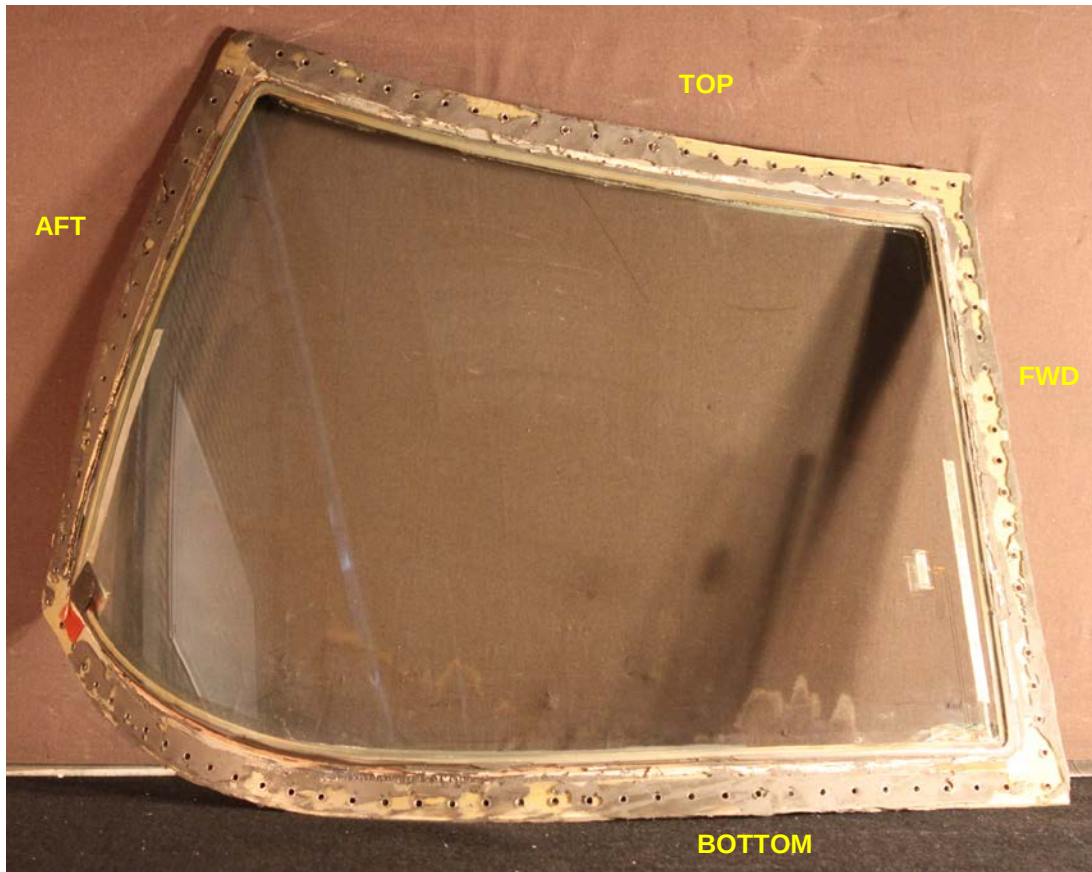
**Figure 4 – Fractured left windshield, N909PW**



**Figure 5 – Example of warped vinyl and discoloration of retainer on left windshield**



**Figure 6 – Disassembled area of lower flange on left windshield**



**Figure 7 – Intact right windshield, N909PW**



**Figure 8 – Peel chip fracture on right windshield**