



Elliott Simpson
Senior Aviation Accident Investigator
Air Safety WPR

Subject: WPR21LA344

Contact: Keith Ruconich, Aviation Safety Inspector
Portland-Hillsboro FAA Flight Standards District Office

The attached is a summary of airplane damage provided to Inspector Ruconich by the pilot on August 26, 2021.

N3186Y Fork, Firewall & Wing Inspection – 8/25/2021

These were photos taken by a licensed A&P mechanic on the field at EUG. He texted each of these to me, and the comments below are exactly the same as the text, including the punctuation.

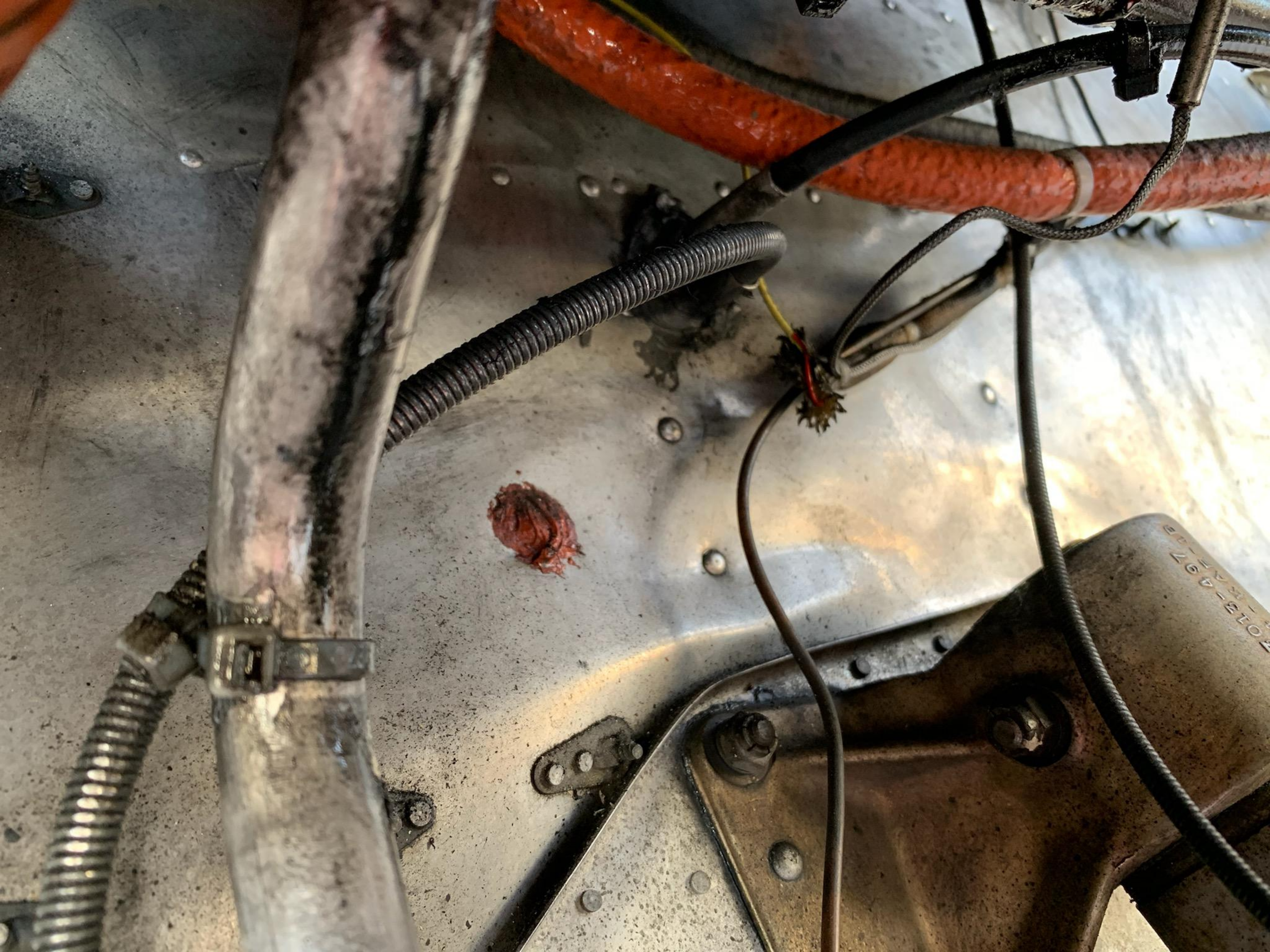
List by Image Number (12 & 13 reference the same image)

1. Fuselage belly, right side. Wrinkles at first two bays aft of firewall.
2. Fuselage belly. Wrinkles first two bays back from firewall.
3. Wrinkles just above nose gear upper mount and on right side of lower firewall.
4. Hard to see, but wrinkles, right lower side
5. Easier to see, wrinkle, right lower side.
6. Hard to see, but wrinkles, right, lower side.
7. View from left looking to the right side damaged area, lower right firewall and center above nose gear upper mount.
8. Firewall wave extends to left of nose gear, lower part.
9. Right lower side.
10. From the initial inspection, damage looks to be confined to the lower half of firewall from this rivet row down and the next photo showing the same rivet row on the left side.
11. This is the left side looking to the right, referencing the rivet row, from previous photo. Notice the upper strut mount also for reference.
12. Left side of upper strut mount.
13. Reference rivet row at the top of photo. From this row down is where the initial inspection shows the damage to the firewall.
14. Another view of wrinkled fuselage belly skin.
15. Fuselage belly, same wrinkles, different angle.
16. This airplane.
17. Right wing.
18. Right wing.
19. Right wing.
20. Right wing.







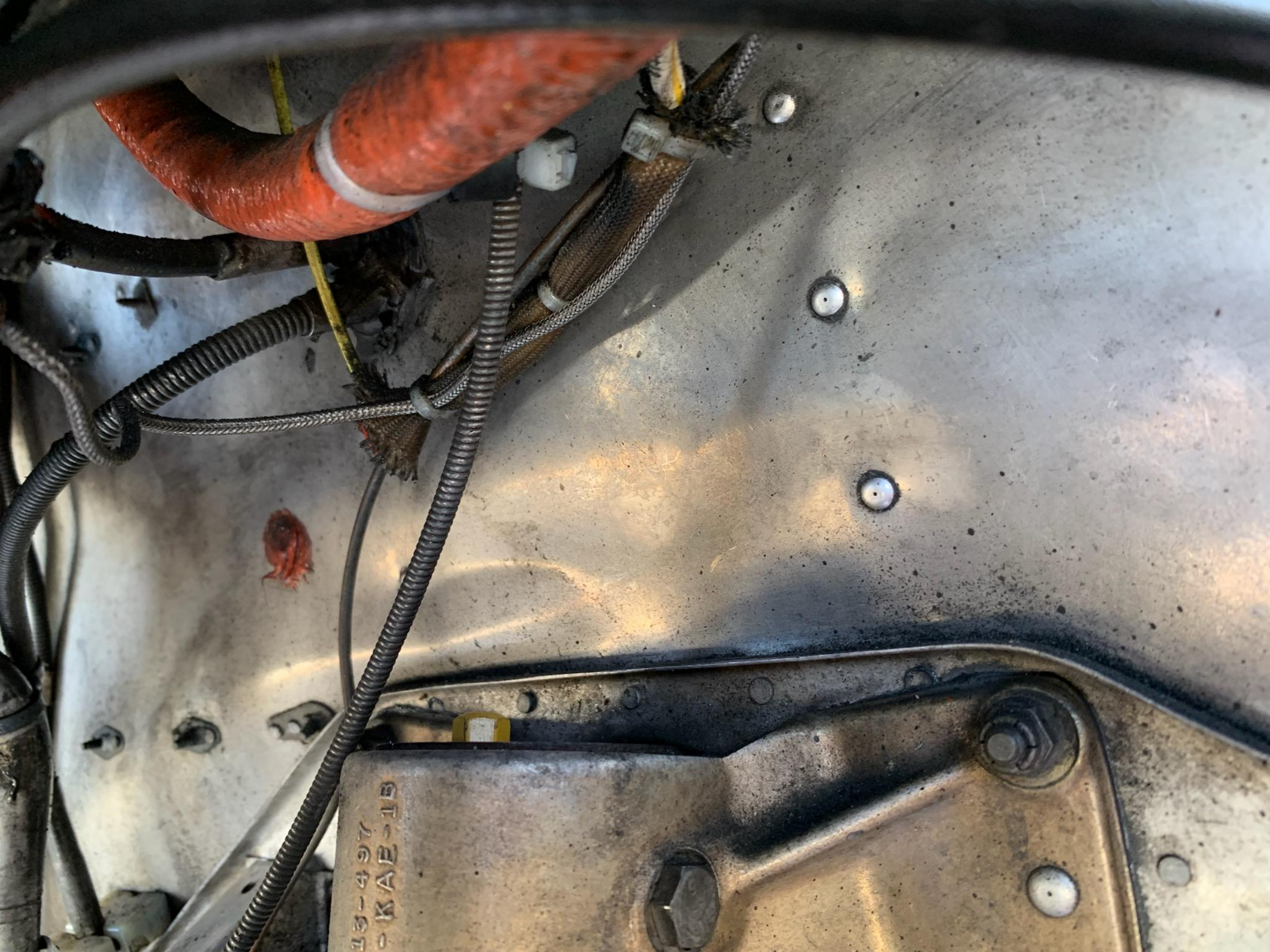


40132-497
-R-497









13-497
-KAE-1B







