



## Damage Assessment

**Lynn Spencer**  
**Air Safety Investigator**  
**Eastern Region Aviation**

---

Date: September 22, 2021

Person Contacted: Clint Crookshanks, Aerospace Engineer, NTSB

NTSB Accident Number: ERA21LA376

---

### **Narrative:**

The following is a summary of an email correspondence with the individual named above regarding the damage to the airplane:

The damage to this airplane includes two holes or separations in the leading edge at the inboard and outboard ends of the skin panel. We are unable to determine if the spar is damaged since the spar is near the mid-chord point on the wing; however, there is buckling damage to the upper wing skin aft of the leading edge. The leading edge damage shape would adversely affect the aerodynamics of the wing in front of the aileron that would render the aileron much less effective. The damage would adversely affect the performance and flight characteristics and requires replacement of the leading edge.