

3/20/2023

**Subject:**

Aircraft S/N 42000107 visual inspection

To whom it concerns,

On February 17, 2023, aircraft S/N 42000107 (N14QB) had an accident upon landing at William P. Hobby Airport (KHOU), Houston Texas. During the accident a section of the right hand wing, winglet, and aileron departed the aircraft. In addition, the nose wheel and fork separated from the aircraft. The NTSB has classified this as an accident (Ref. Accident Number: CEN23LA112) with substantial damage with no personal injuries reported.

From March 8th to March 10th 2023, Honda's Aircraft Safety Inspector and Field Service Representative along with a Honda Aircraft Company Authorized Service Center (ASC) performed a visual inspection of the accident aircraft. This inspection was limited to a visual inspection with limited panel removals for access. Results of this visual inspection revealed the following:

- Damage to wing significant enough to require complete wing and winglet replacement
- Multiple flight control surface damage significant enough to require replacement
- Two wing to fuselage attach fitting failures
- Damage to the fuselage caused by a flight control cable contact
- Radome damage significant enough to require replacement
- Landing gear door damage significant enough to require replacement
- Damage to multiple fairings significant enough to require replacement
- Damage to the nose landing gear significant enough to require replacement

NOTE: This list of damage only highlights the significant damage noted visually and is not an exhaustive list.

This inspection did not include non-destructive inspections (NDI). If NDI inspections were performed, they would likely reveal additional damage to major structural components.

This assessment includes damage that likely occurred as part of the accident and does not attempt to address additional damage that was obviously imparted during the recovery effort.

Based upon the visual inspections performed, it is Honda Aircraft Company's opinion that the airframe is beyond economical repair

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Over view of the aircraft



Radome



Right hand wing

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Right hand wing, winglet, aileron, and nose tire



lower wing skin and gear door



R/H wing attach fitting



L/H wing attach fitting

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Fuselage Damage



Nose landing gear



fairing damage