

WRECKAGE AND IMPACT

The Safety Board investigator-in-charge performed an on-scene wreckage documentation the day following the accident on October 20, 2017.

The airplane was based in Aguila and the pilot had planned to attend a fly-in over the weekend in Uvalde, Texas about 745 nm southeast. The pilot had registered for the event a few weeks before the accident and located in the wreckage was a flight plan outlining the intended flight to Uvalde. The flight plan showed that the pilot departed at 0710 and had reached his next planned checkpoint of Buckeye VORTAC at 0739; the next listed checkpoint was San Simon VORTAC.

The wreckage was located about 17 nm northwest of San Simon VORTAC at an elevation of about 3,860 feet msl. The accident site was located in unpopulated desert terrain, with the debris stretching over 120 feet with the energy path was oriented on heading of about 155 degrees. In character, the terrain was comprised of dirt and rocks, populated by scattered brush and cactus typical of the southern Arizona region.



Figure 1: Intended Flight



Figure 2: Accident Flight

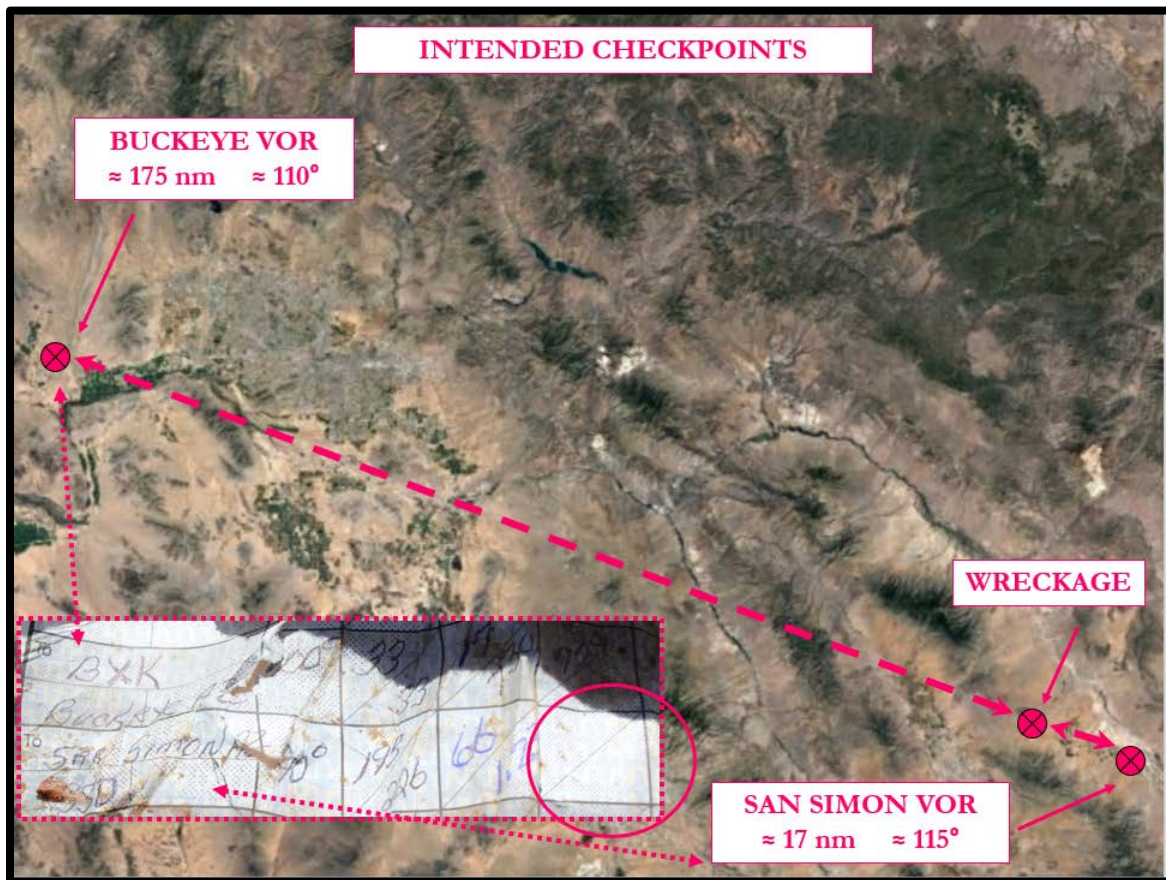


Figure 3: Accident Flight Plan

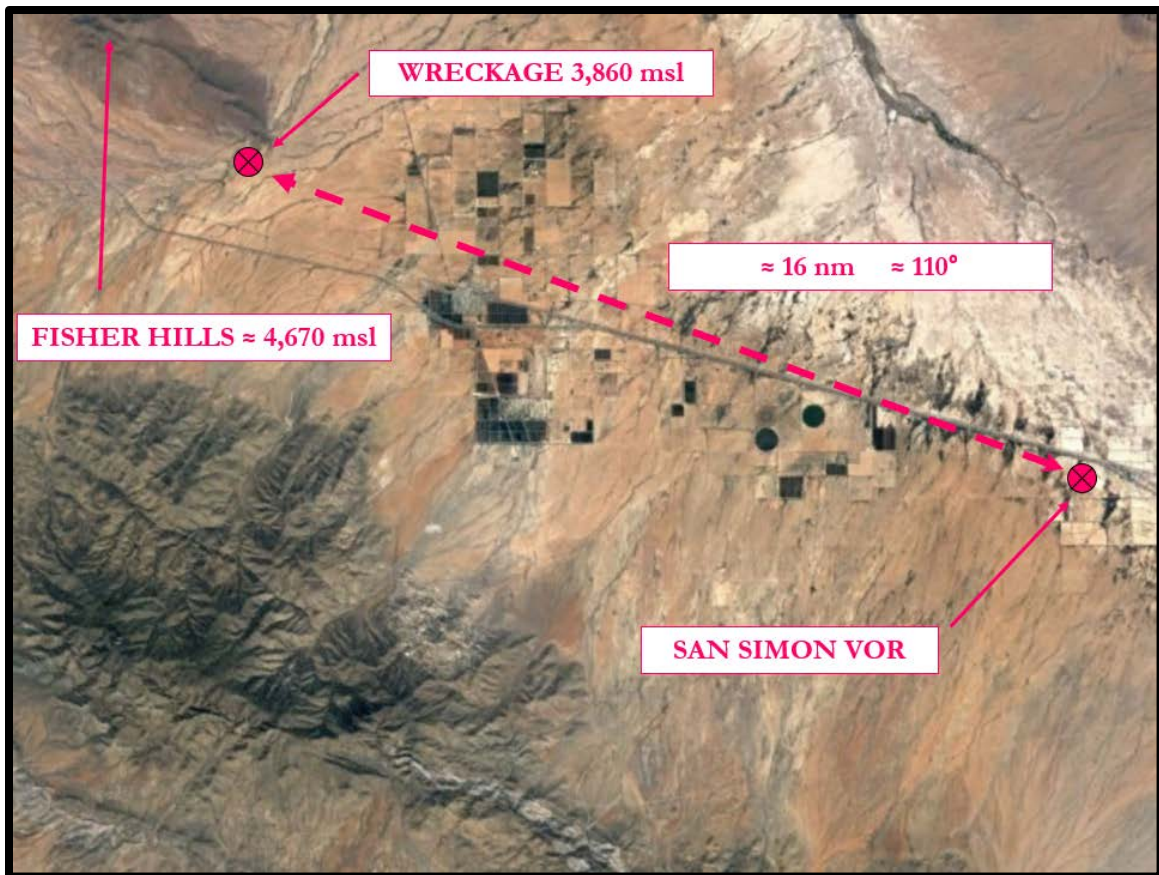


Figure 4: Wreckage in Relation to Intended Flight

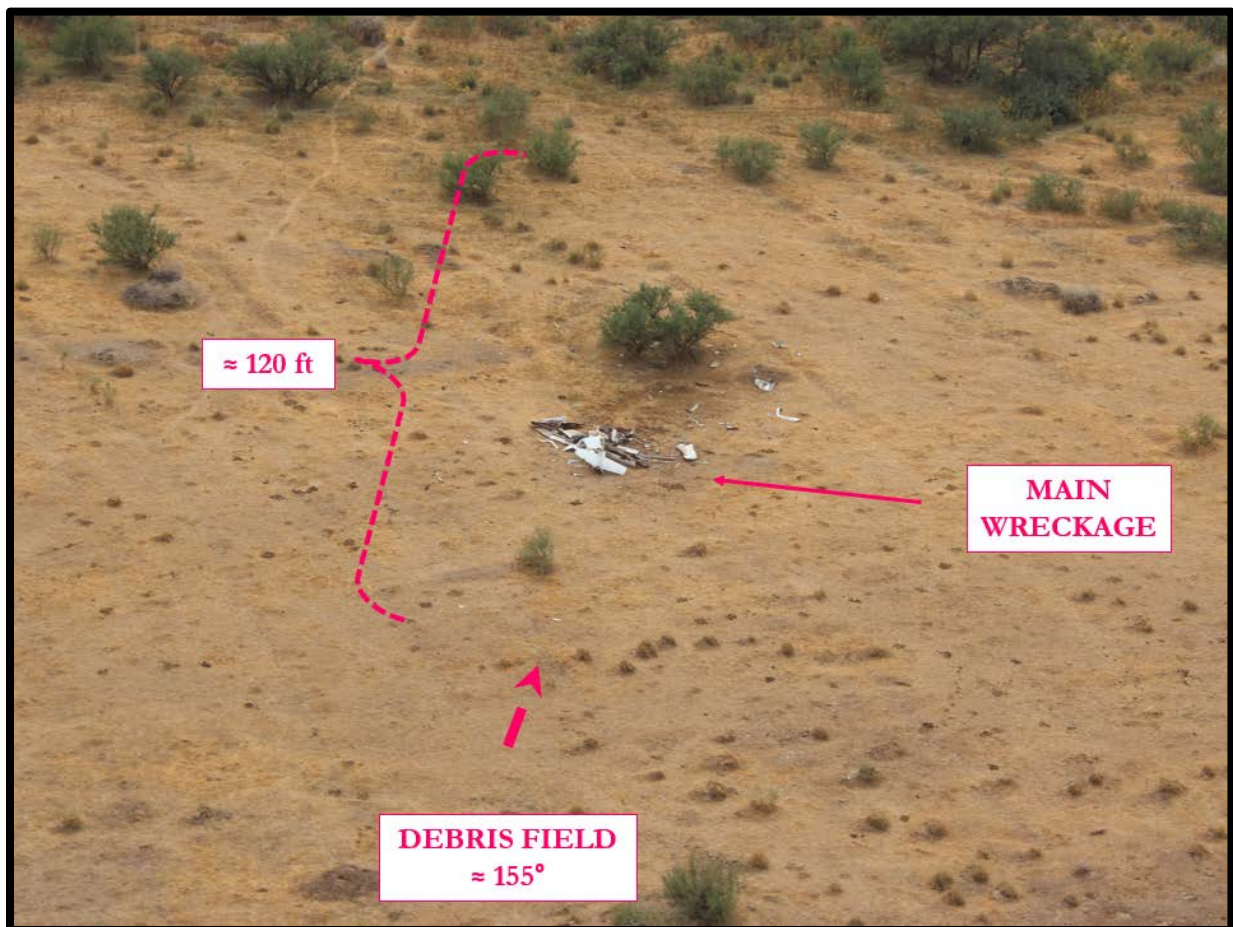


Figure 5: Debris Field

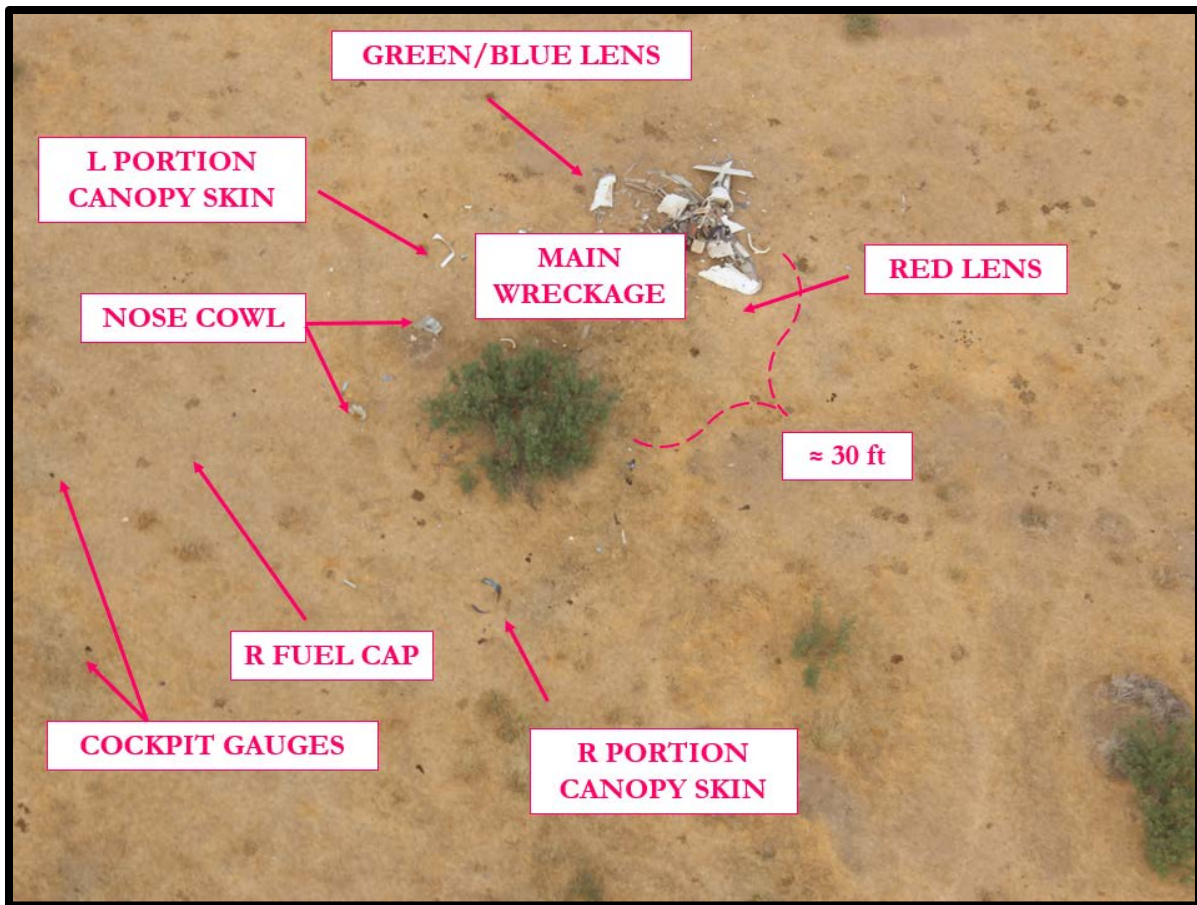


Figure 6: Main Wreckage (reference to tree)

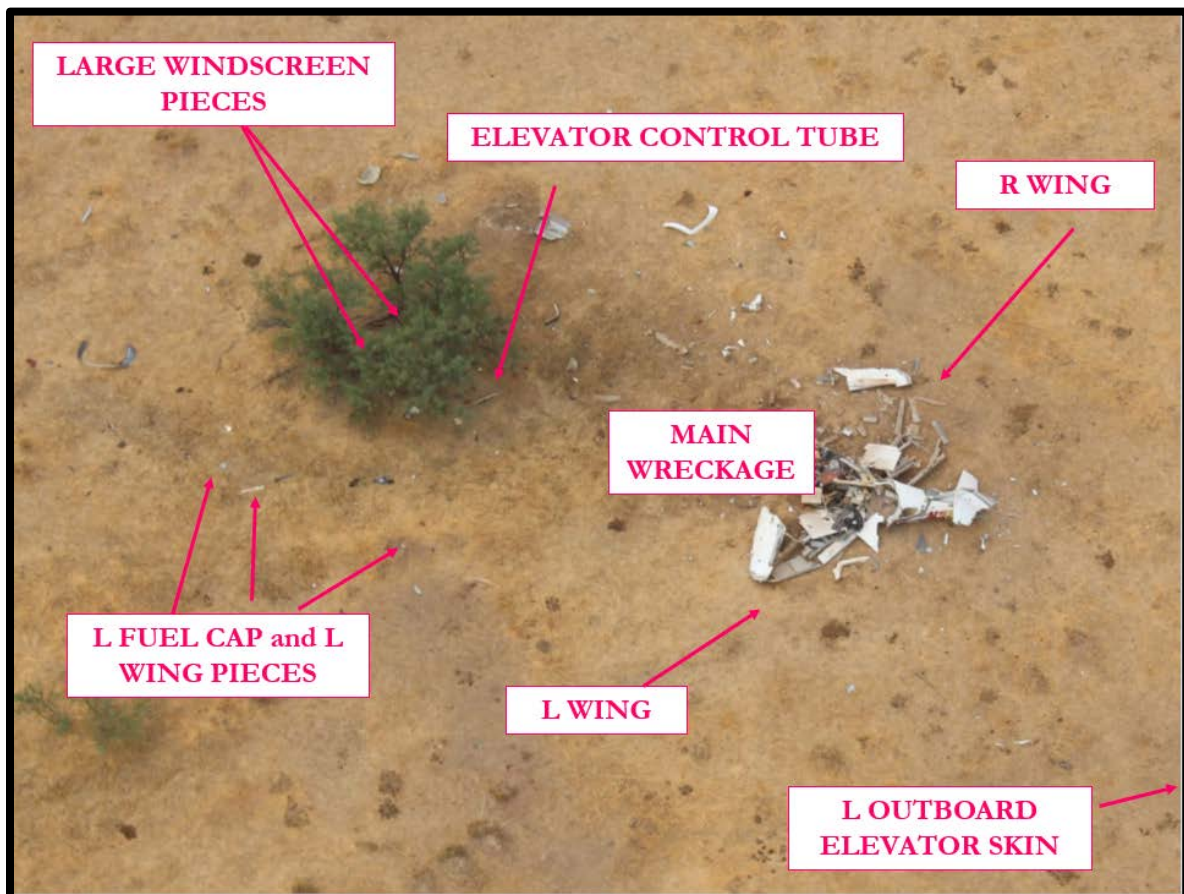


Figure 7: Main Wreckage (referencing orientation of wings)

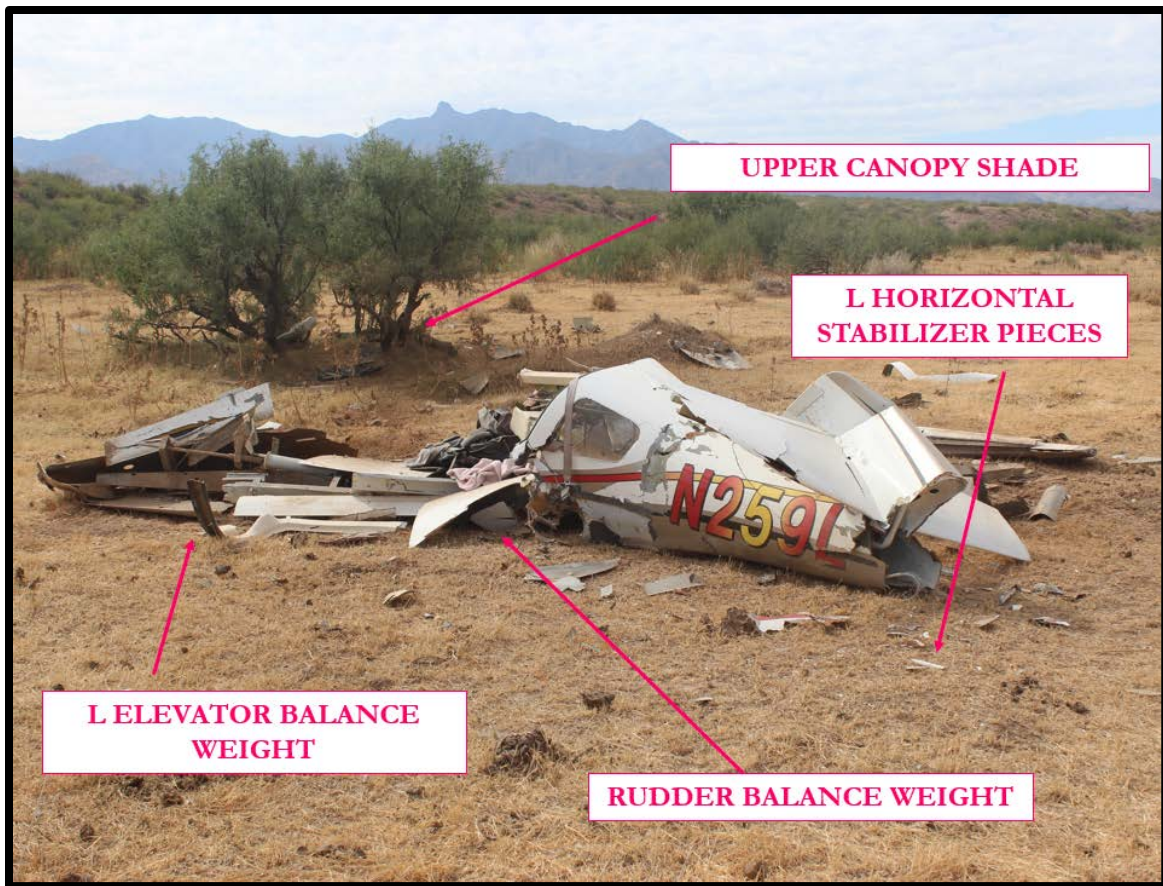


Figure 8: Main Wreckage (referencing left side)

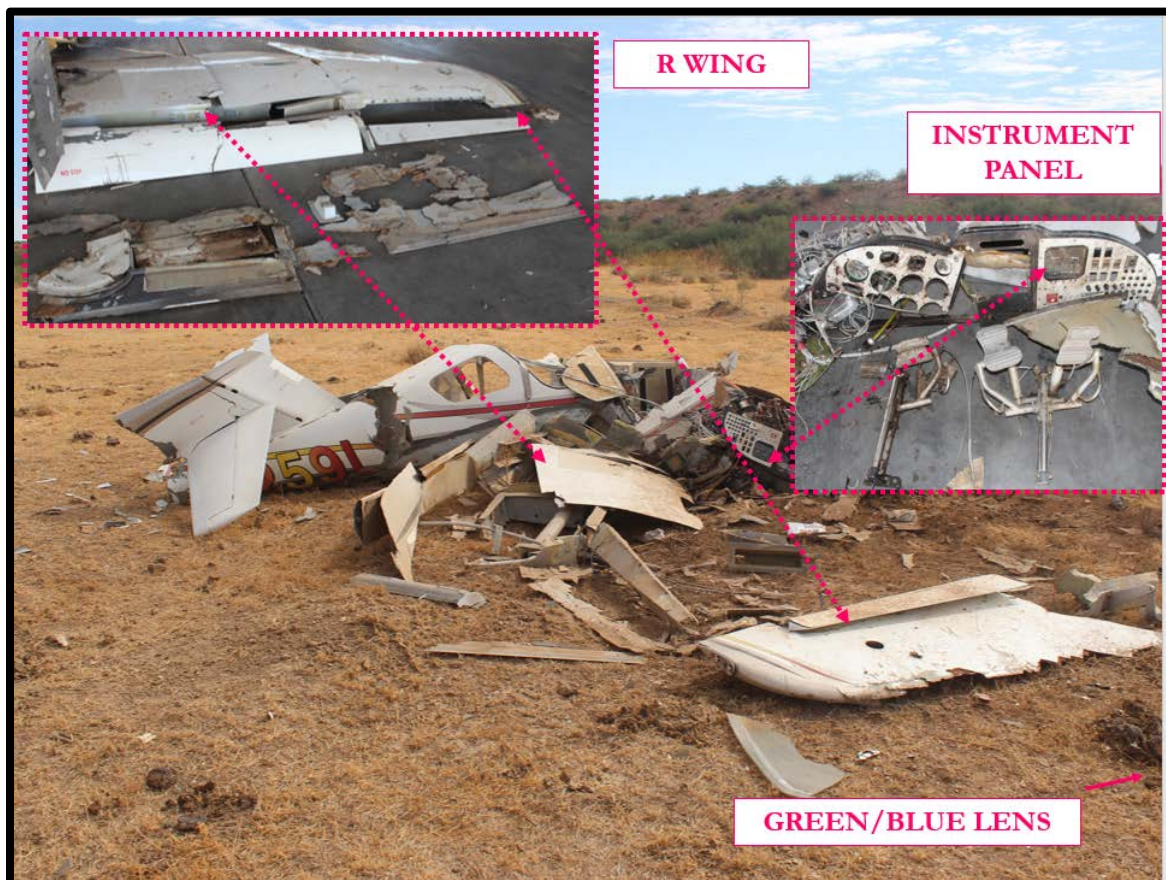


Figure 9: Main Wreckage (referencing right side)

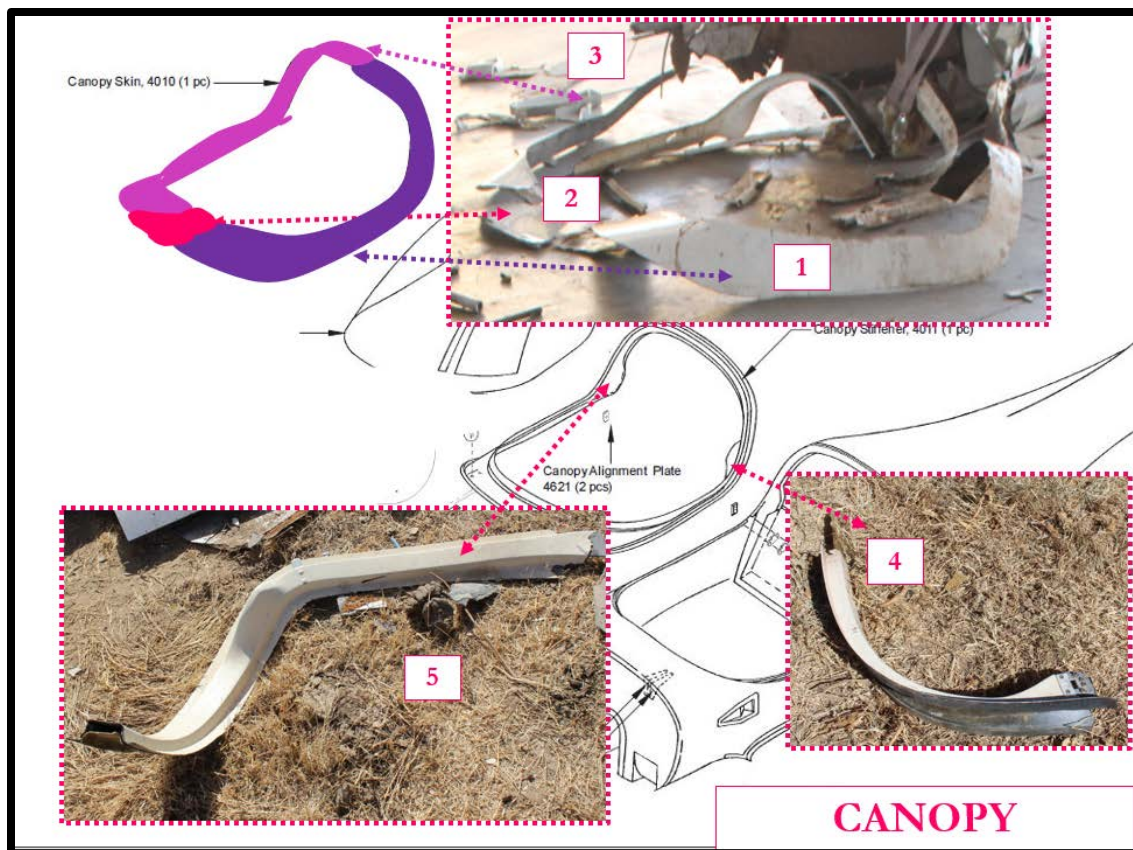


Figure 10: Canopy Debris Map

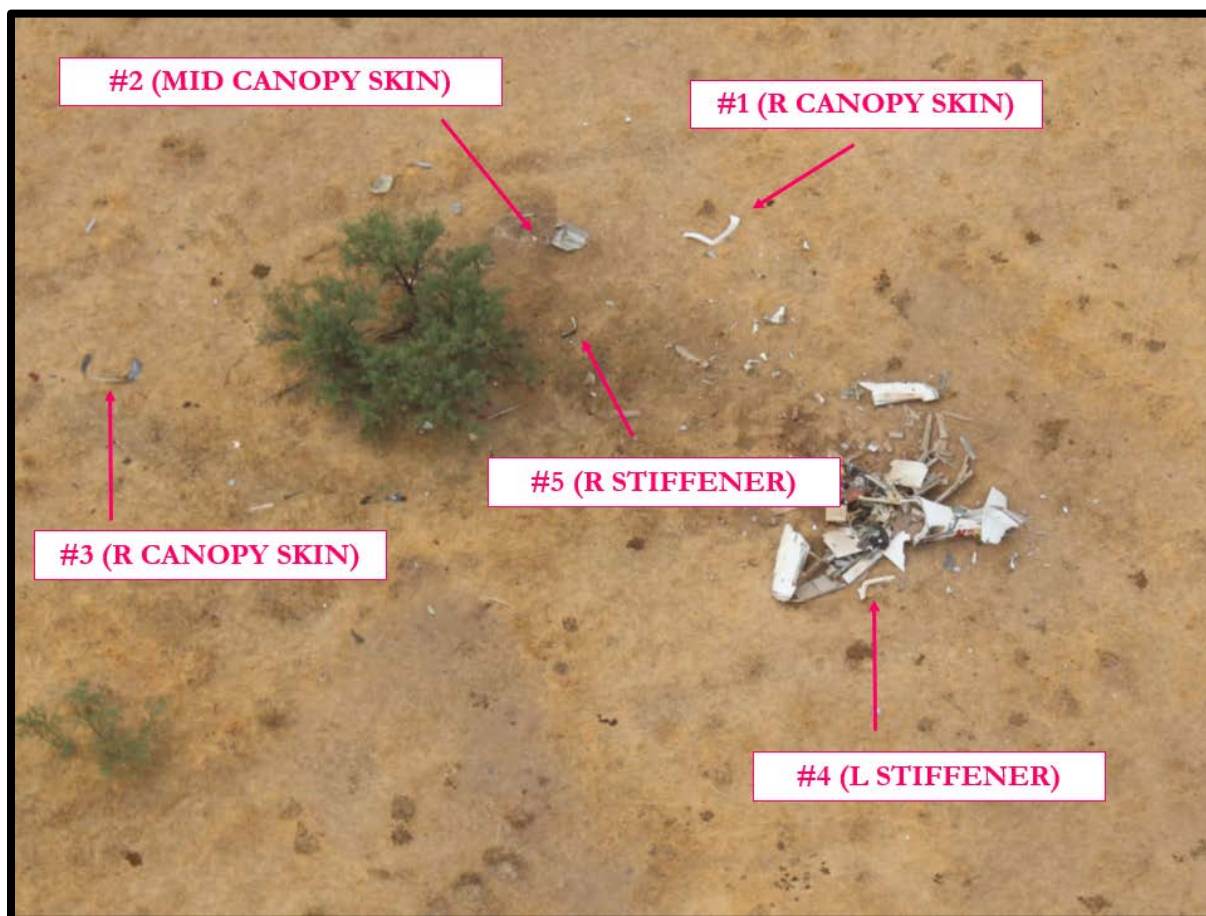


Figure 11: Canopy Debris Map