4. Case Studies of Accidents

Based on what we have seen so far, let's take a look at accident cases. In the case studies, the causes are shown in red boxes, and the factors that probably contributed to the accidents are shown in orange boxes. Pay attention to not only the causes but also the factors, and think about what to do to prevent accidents.

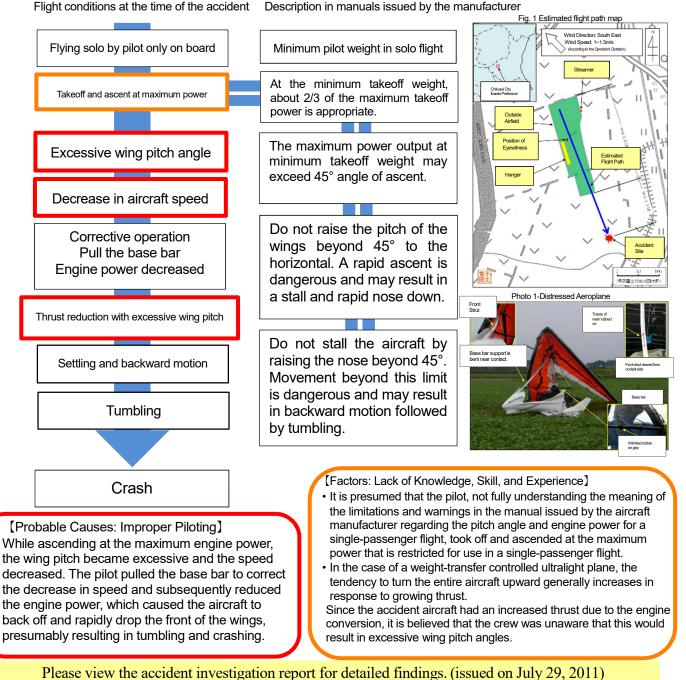
Case 1: Improper Piloting

Date and Time of Occurrence: Around 15:25, September 11, 2010

Type: AEROS AEROS2-R912 (weight transfer controlled ultralight plane)

Summary of the Accident: While ascending after takeoff from Temporary Airfield A with only the pilot on board, the aircraft went into a tumbling* and crashed due to thrust reduction under conditions of excessive wing pitch angle. The airframe was severely damaged and the pilot was seriously injured.

*Tumbling is an unstable flight condition that is difficult to recover from and causes the aircraft to fall while continuously rolling forward.



https://www.mlit.go.jp/jtsb/aircraft/rep-acci/AA2011-5-1-JR7423.pdf