

Case 3: Lack of Knowledge, Skill, and Experience

Date and Time of Occurrence: Around 09:33, August 1, 2020

Type: New Wings MAX-R447/MAW (Weight transfer controlled ultralight plane)

Summary of the Accident: During a jump flight* at a temporary airfield with only one pilot on board for maneuver training, the aircraft unintentionally ascended and crashed from the nose shortly afterwards.

The airframe was severely damaged and the pilot was seriously injured.

*Jump flights are defined as flights made within the runway up to slight floating in the air (3 m altitude).

Flight conditions at the time of the accident Pilot training and operating conditions Piloting instructor's guidance and judgment

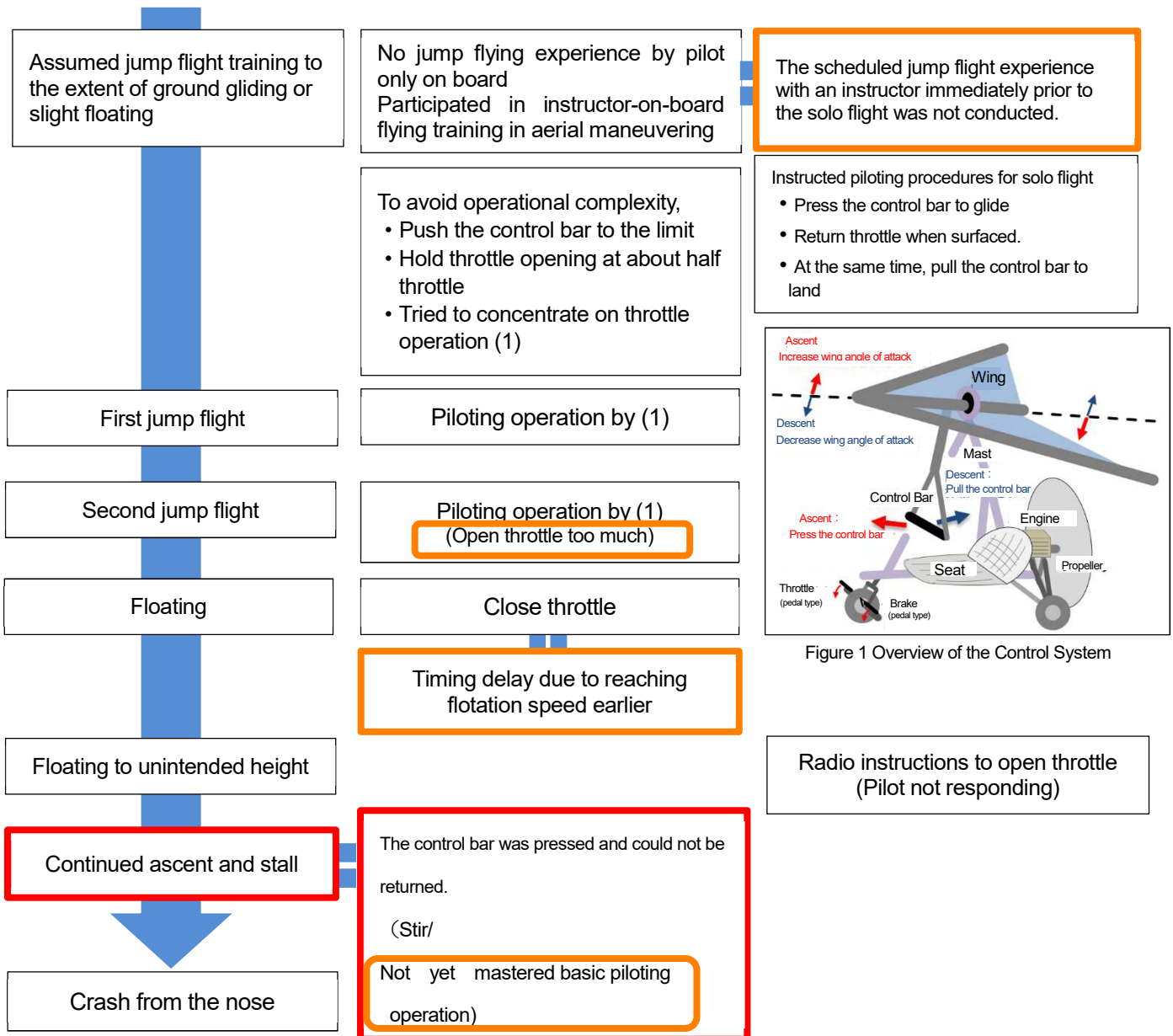


Figure 1 Overview of the Control System

Radio instructions to open throttle (Pilot not responding)

【Probable Causes: Improper Piloting】
It is probable that the pilot did not operate the control bar and throttle properly during the training of jump flight, resulting in the aircraft ascending to a height unintended by the pilot after floating, and then continuing to ascend and losing speed afterwards, causing the aircraft to crash from the nose.

【Factors: Lack of Knowledge, Skills, and Experience】
Probable reasons why the piloting maneuver was not performed properly are as follows:

- Operational training on the ground prior to the jump flight and flight training with a flight instructor on board were not sufficiently conducted.
- The pilot did not master the basic piloting operation.

Please view the accident investigation report for detailed findings. (issued on June 24, 2021)
<https://www.mlit.go.jp/jtsb/aircraft/rep-acci/AA2021-4-1-JR7151.pdf>