

## **Executive Summary**

On September 2, 2018, an unidentified powered parachute, one operator aboard, departed from Luodong Riverside Leisure Sports Ground, Yilan County. At about 0951, the vehicle crash into the Loudong River near the Shushu Village of Loudong Town. The vehicle operator sustained fatal injury, the vehicle was bent in the front section of the keel, and the nose wheel was broken.

### **Conclusion**

The flight was an illegal ultra-light vehicle activity; the weather was good at the time of the accident, the wind speed was very small, the accident should be independent of the weather and the system was normal. The operator may over control the parachute during right turn at low altitude, result in lost controlled and crashed due to high sink rate and high angle of attack.

### **Safety recommendation**

Advocate and claim all members to follow the related regulation of Civil Aviation Administration and conduct similar case study for their members to enhance flight safety.