

民航意外調查機構

**AAIA**

Air Accident Investigation Authority



# **Collision with Obstacle(s) during Take-off and Landing (CTOL)**

**Accident Investigation  
Preliminary Report and  
Public Notice**

**BGD Dual 2 Tandem Paraglider  
Ngong Ping, Ma On Shan,  
Hong Kong**

**2 October 2023**

**05-2023**

## **1. Purposes**

- (1) This preliminary report provides factual information established in the investigation's early evidence collection phase. Its purpose is to provide timely information to both the aviation industry and the general public.
- (2) This report is released in accordance with the Hong Kong Civil Aviation (Investigation of Accidents) Regulations (Cap. 448B).
- (3) The Air Accident Investigation Authority (AAIA)'s understanding of the accident will be enhanced as the investigation progresses and potential new evidence becomes available. As such, no analysis or findings are included in this report.
- (4) Should safety recommendations be considered necessary during the course of the investigation, they will be promulgated to the parties concerned immediately before a final Investigation Report is published.
- (5) The Investigation Report will be released at the conclusion of the investigation, which will provide a comprehensive overview of the accident, its cause(s), contributing factor(s) and any recommendations made to improve air safety.

## 2. General Details

### 2.1. Occurrence details

Date and time:	2 October 2023 at 1328 hours (Note 1)
Occurrence category:	Accident
Primary occurrence type:	Collision with Obstacle(s) during Take-off and Landing (CTOL)
Location:	Ngong Ping, Ma On Shan, Hong Kong
Position:	22° 23' 30.3" N, 114° 15' 10.5" E

### 2.2. Pilot details

Flying experience:	More than 200 hours (Note 2)
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### 2.3. Aircraft details

Manufacturer and model:	BGD Dual 2 Tandem Paraglider	
Year of Manufacture:	2023	
Type of Operation:	Private	
Departure:	Ngong Ping, Ma On Shan, Hong Kong	
Destination:	Ngong Ping, Ma On Shan, Hong Kong	
Persons on board:	Pilot – 1	Passenger – 1
Fatalities:	0	
Injuries:	1	
Aircraft damage:	Nil	

Note 1: All times are in Hong Kong Local Time, which is Coordinated Universal Time (UTC) plus eight hours.

Note 2: The information was provided by the International Paragliding Association (IPA). The involved pilot is a member of it.

### **3. Synopsis**

- (1) At about 1328 hours on 2 October 2023, a BGD Dual 2 tandem paraglider, with a pilot and a passenger onboard, took off from Ngong Ping paragliding activity area in Ma On Shan.
- (2) Shortly after the take-off, the paraglider lost control and impacted the terrain.
- (3) The passenger was seriously injured and was conveyed to the Pamela Youde Nethersole Eastern Hospital (“PYNEH”) by a Government Flying Service helicopter for treatment.

### **4. Order of Investigation**

- (1) On receipt of a notification from the public on 2 November 2023, the AAIA validated the information provided by the relevant parties.
- (2) The Chief Inspector classified this occurrence as an accident and ordered an investigation into its circumstance(s), cause(s) and contributing factor(s), in accordance with the Hong Kong Civil Aviation (Investigation of Accidents) Regulations (Cap. 448B).

### **5. Investigation Progress**

- (1) To date, the AAIA has:
  - collected the weather information from the Hong Kong Observatory;
  - collected the photographs and videos of the flight from various witnesses;
  - collected the incident logs of emergency services; and
  - collected the user manual from the paraglider manufacturer.

- (2) As the investigation progresses, AAIA will:
- conduct an in-depth examination of the paraglider and paragliding equipment;
  - interview the pilot, the passenger and witnesses;
  - review the manufacturer's operation and inspection procedures; and
  - review passenger injuries in connection with the operation and inspection procedures.
- (3) The detailed analysis of the data and information collected will enable the investigation team to determine the circumstance(s), cause(s) and contributing factor(s) of this accident. It will also aid in identifying areas that need further investigation and/or lines of investigation to be pursued.

## 6. Public Notice

This Report also serves as a public notice under Section 10(1) of Cap. 448B. Any person who wishes to make representation as to the circumstance(s) or cause(s) of the accident should do so by letter, facsimile, telephone or email to the Chief Inspector (Address: Air Accident Investigation Authority, Levels G & 2, Facility Building, 1 Tung Fai Road, Hong Kong International Airport, Lantau, Hong Kong; Telephone: (+852) 2910 6079; Facsimile: (+852) 2910 6049 or Email: ACCID@tlb.gov.hk) within 14 days of this notice.

20 December 2023

K. C. MAN *Chief Inspector*

## About the Air Accident Investigation Authority

The AAIA is an independent investigation authority formed under the Transport and Logistics Bureau (TLB) of the Government of the Hong Kong Special Administrative Region of the People's Republic of China.

The AAIA is established in compliance with the Standards and Recommended Practices (SARPs) of ICAO Annex 13 requiring Contracting States to set up an independent investigation authority to ensure the independence and impartiality of the investigations.

The AAIA is responsible for the investigation of civil aircraft accidents and incidents in Hong Kong in accordance with the Hong Kong Civil Aviation (Investigation of Accidents) Regulations (Cap. 448B) and the SARPs of ICAO Annex 13.

The sole objective of the investigation shall be the prevention of accidents and incidents. It is not the purpose of this activity to apportion blame or liability.

**Check the Air Accident Investigation Authority website for information, reports and updates:**

<https://www.tlb.gov.hk/aaia/eng/index.html>

**The Air Accident Investigation Authority 24/7 Duty Investigator:**

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