

# PRELIMINARY REPORT



ACCIDENT 2022/5555

State Commission on Aircraft Accidents Investigation (PKBWL)

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# PRELIMINARY REPORT

## ACCIDENT

OCCURRENCE NO – 2022/5555

AIRCRAFT – Lightning193 PS Parachutes

DATE AND PLACE OF OCCURRENCE – 23 SEP 2022, Longinówka n. EPPT

The Report is a document presenting the position of the State Commission on Aircraft Accidents Investigation concerning circumstances of the air occurrence, its causes and safety recommendations. The Report was drawn up on the basis of information available on the date of its completion.

Use of this Report for any purpose other than air accidents and incidents prevention can lead to wrong conclusions and interpretations.

This Report was drawn up in the Polish language. Other language versions may be drawn up for information purposes only.

**WARSAW 2022**

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## Abbreviations

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<b>AFF</b>	AFF Instructor
<b>CRW</b>	Canopy Relative Work
<b>IAD</b>	Instructor Assisted Deployment
<b>INS</b>	Instructor
<b>PJ(C)</b>	Świadectwo kwalifikacji skoczka spadochronowego kategorii C
<b>SL</b>	Static Line
<b>VMC</b>	Visual Meteorological Conditions

## General Information

Occurrence reference number:	<b>2022/5555</b>			
Type of occurrence:	ACCIDENT			
Date of occurrence:	23 September 2022			
Place of occurrence:	Longinówka n. EPPT			
Type and model of aircraft:	2x Parachute: LIGHTNING 193 PS			
Aircraft registration marks:	Not applicable			
Aircraft user/operator:	Private			
Aircraft commander:	1. Skydiver no 1 – parachute jumper license C 2. Skydiver no 2 – parachute jumper license D			
Number of victims/injuries:	Fatal	Serious	Minor	None
	1	1	–	–
Domestic and international authorities informed about the occurrence:	ULC, SIA Romania			
Investigating Authority:	State Commission on Aircraft Accidents Investigation (PKBWL)			
Accredited Representatives and their advisers:	Not appointed			
Document containing results:	Preliminary Report			
Safety recommendations:	NONE			
Addressees of the recommendations:	Not applicable			

## FACTUAL INFORMATION

### 1. History of the flight

On 23 September 2022, a group of 16 skydivers and a camera operator performed a jump from 4000 m to build an open parachute formation (CRW). The exit of the skydivers and parachutes opening was normal. During formation building, two skydivers got tangled. Skydiver no 1 got entangled in the canopy of skydiver no 2. The canopy of skydiver no 1 remained open, but it started to rotate and in this configuration the skydivers collided with the ground. The place of the collision was near the town of Longinówka, about 3 km from EPPT aerodrome.

### 2. Injuries to persons

As a result of the occurrence skydiver no 1 was seriously injured and skydiver no 2 died on the spot.

### 3. Damage to aircraft

Due to the accident, the parachute of skydiver no 1 was not damaged. During the rescue operation the lines and straps of the parachute of skydiver no 2 were cut in order to free the skydiver no 1.

### 4. Crew data

#### Skydiver no 1:

- Polish citizen, aged 49;
- Holder of a valid Parachute Jumper License, category C;
- Total number of jumps: 808;
- Number of jumps in 2022: 25.

#### Skydiver no 2:

- Romanian citizen, aged 49;
- Holder of a valid Parachutist Licence 22 P, Category D;
- Valid ratings: SL, IAD, AFF, INS;
- Total number of jumps: 3700;
- Number of jumps in 2022: 150.

## 5. Parachute information

Parachute no 1 (main)	Lightning 193 PS
Serial number	023005
Manufacture date	2017
Parachute no 1 (reserve)	r-MAX (b) 188
Serial number	60854540
Manufacture date	2018
Owner/User	Private

Parachute no 2 (main)	Lightning 193 PS
Serial Number	0222590
Manufacture date	2014
Parachute no 2 (reserve)	Fury Reserve
Serial number	F-5443-R
Manufacture date	2004
Owner/User	Private

## 6. Meteorological information

The accident occurred in VMC.

## 7. Place of occurrence information

The entangled skydivers fell on a farmland in Longinówka about 2.6 km south of the EPPT and about 4 km from Piotrków Trybunalski city centre.

## 8. Wreckage and impact information

On the day of the occurrence, the accident site was inspected and photographic documentation was made. Parachutes were secured and transported to the organization's hangar. Parachute sets were visually inspected in a hangar with the participation of the PKBWL expert. The footage of the accident jump and documentation of the skydivers were secured.

## 9. Survival aspects

The skydivers had reserve parachutes which were not used. The collision with the ground of the tangled skydivers falling at high speed caused the death of the skydiver no 2 and serious injuries to the skydiver no 1.

## 10. PKBWL planned actions

PKBWL awaits for the expert's opinion on the course of the accident jump and results of the autopsy of skydiver no 2. After receiving the above documents and analysis, PKBWL will draw up the Draft Final Report.

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**THE END**

Investigator-in-Charge

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(Signature on original)