



MINISTRY OF TRANSPORT, CONSTRUCTION AND REGIONAL DEVELOPMENT OF THE SLOVAK REPUBLIC

Aviation and Maritime Investigation Authority
Námestie slobody 6, P.O.BOX 100, 810 05 Bratislava 15



Reg. No. SKA2012015

FINAL REPORT

on investigation of accident
of ultra-light aircraft type **TL 2000 STING**
Registration No. **OK- MUA 93**

Date: 19.08.2012

Location: Airport Prievidza / LZPE

The investigation of occurrence has been conducted pursuant to Art. 18 of the Act No. 143/1998 on Civil Aviation (Civil Aviation Act) and on Amendment of Certain Acts and in accordance with the Regulation (EU) No. 996/2010 of the European Parliament and of the Council on investigation and prevention of civil aviation accidents and incidents, governing the investigation of civil aviation accidents and incidents.

The final report is issued in accordance with the Regulation L 13 that is the application of the provisions of ANNEX 13 Aircraft Accident and Incident Investigation to the Convention on International Civil Aviation.

The exclusive aim of investigation is to establish causes of accident, incident and to prevent their occurrence, but not to refer to any fault or liability of persons.

This final report, its individual parts or other documents related to the investigation of occurrence in question have an informative character and can only be used as recommendation for the implementation of measures to prevent occurrence of other accidents and incidents with similar causes.

A. INTRODUCTION

Type of aircraft: TL 2000 STING Carbon RG
Registration No: OK-MUA 93



Date / time: 19.08.2012, 14:00
Place of air accident: LZPE
Take-off site: Airport Partizánske / LZPT
Operator: Petr KUČERA, Starý Mateřov 188, Pardubice
Type of operation: general aviation – recreational flight

Note: All time data in this report are stated in the UTC time.

B. INFORMATIVE SUMMARY

When landing at the airport LZPE, after contact with the grass runway 04 (hereinafter "RWY 04") the aircraft type TL 2000 STING Carbon RG, registration No. OK-MUA93, bounced off and ran out of RWY 04 to the ploughed field, due to which it suffered serious damage. The pilot and the passenger were not injured.

The following commission was appointed for investigation of the accident:

Ing. Igor Benek
Ing. Zdeno Bielik

The report is issued by:

Aviation and Maritime Investigation Authority
of the Ministry of Transport, Construction and Regional Development
of the Slovak Republic

C. MAIN PART OF REPORT

1. FACTUAL INFORMATION
2. ANALYSES
3. CONCLUSIONS
4. SAFETY RECOMMENDATIONS

1. FACTUAL INFORMATION

1.1 History of the flight

During the landing manoeuvre on RWY 04 of the airport LZPE, the aircraft landed quite hard, ballooned off and inclined to the left. The pilot handled the situation by opening the throttle. After touchdown the aircraft started turning left and ran out of RWY 04 to rough ground – ploughed field, where it came to standstill. By movement on this rough ground the aircraft suffered serious damage.

Daytime: Day

Flight rules: VFR

1.2 Injuries to persons

Injury	Crew	Passengers	Other persons
Fatal	-	-	-
Serious	-	-	-
Minor	-	-	-
None	1	1	-

1.3 Damage to aircraft

Damaged landing gear, right wing and propeller, engine stopped by force, broken cockpit hood.





1.4 Other damage

No circumstances with potential claims for compensation of other damage toward a third party were notified to the Aviation and Maritime Investigation Authority.

1.5 Personnel information

Pilot in command:

A national of the Czech Republic, aged of 59 years, holder of ultra-light aircraft pilot licence No. UA 040516, issued by the Light Aircraft Association of CR with marked validity until 27.02.2014. Medical certificate – was not submitted.

1.6 Aircraft information

Airframe:

Type:	TL 2000 STING CARBON RG
Registration No:	OK-MUA93
Manufacturer:	TL Ultralight, Czech Republic

1.7 Meteorological information

Sky clear, visibility to 13 km.

1.8 Aids to navigation

Not applicable.

1.9 **Communications**

Not applicable.

1.10 **Aerodrome information**

The airport LZPE is an international public aerodrome with irregular traffic. RWY 04/22 has a grass surface. The airport was suitable for flight operation of the aircraft type.

1.11 **Flight recorders**

Not applicable.

1.12 **Wreckage and impact information**

After landing the aircraft came to a standstill out of RWY 04 of the airport LZPE.

1.13 **Medical and pathological information**

Pilot and passengers suffered no injury.

1.14 **Fire**

Not applicable.

1.15 **Survival aspects**

Not applicable.

1.16 **Tests and research**

Not applicable.

1.17 **Organizational and management information**

The aircraft had not a standard certificate of airworthiness issued in accordance with ICAO Annex 8.

The Civil Aviation Authority of SR does not register any application from the operator of aircraft, registration No. **OK-MUA93**, for approval to the aircraft operation to/from/over the territory of the Slovak Republic.

The pilot of aircraft did not hold the licence in accordance with ICAO Annex 1 (or JAR-FCL 1) required for the flight/overflight to/from/over the territory of the Slovak Republic.

1.18 **Additional information**

Not applicable.

1.19 **Useful or effective investigation techniques**

Standard investigation methods were used.

2. **ANALYSIS**

According to the pilot and witness accounts the pilot caused the accident by his own fault – mismanagement of flying technique in the landing phase.

3. CONCLUSIONS / CAUSE OF AIR ACCIDENT

Findings:

- the pilot did not hold a valid pilot licence for flight operations to/from/over the territory of the Slovak Republic,
- the aircraft had valid documentation,
- the aircraft did not have the authorization for entry into the airspace of the Slovak Republic.

Causes of air accident:

- mistake in flying technique in the landing phase,
- inappropriate correction of mistake at the bounce of aircraft.

4. FLIGHT SAFETY RECOMMENDATION

On the basis of investigation into causes of the air accident of

Aircraft type: **TL 2000 STING**

Registration No. **OK- MUA 93**

Date of accident: **19.08.2012**

We recommend the Civil Aviation Authority of the Slovak Republic:

to complete in the Aeronautical Information publication of SR ("AIP SR") clear rules for flight/overflight operations to/from/over the territory of the Slovak Republic for foreign aircraft not holding a standard certificate of airworthiness in accordance with ICAO Annex 8;

We recommend the Light Aircraft Association of CR to take the following measure:

to observe the conditions and the method of operation of foreign flights/overflights to/from/over the territory of the Slovak Republic in cases where an aircraft does not hold a standard certificate of airworthiness issued in accordance with ICAO Annex 8 or a pilot does not hold the pilot licence issued in accordance with ICAO Annex 1 (Part-FCL 1 or 2).

Bratislava, 03.06.2013