



MINISTRY OF INFRASTRUCTURE
State Commission on Aircraft Accident Investigation

Ref. No.: 562/09

RESOLUTION

of

State Commission on Aircraft Accident Investigation in the following composition:

Chairman of the Meeting:	D. (Eng.) Maciej Lasek
Member of the Commission:	D. (Eng.) Dariusz Frątczak
Member of the Commission:	MSc (Eng.) Jerzy Kędzierski
Member of the Commission:	MA Tomasz Kuchciński
Member of the Commission:	MSc (Eng.) Piotr Lipiec
Member of the Commission:	MSc (Eng.) Ryszard Rutkowski
Member of the Commission:	Doctor of Medicine Jacek Rożyński
Member of the Commission:	D. (Eng.) Stanisław Żurkowski

At the meeting held on 6 July 2011, after examination of the results of investigation submitted by the Investigatin Team on air occurrence concerning Black Hawk 265 parachute, which occurred on 25 July 2009 in Chrcynno near Nasielsk - **acting under the Act of 3 July 2002 “Aviation Law” (Journal of Laws 2006, No. 100, item. 696 with amendments)**, the State Commission on Aircraft Accident Investigation recognized the investigation as completed and determined that:

The causes of the air accident were:

- 1. Failure to open main canopy by the student skydiver because of unknown reasons;**
- 2. Failure to open reserve canopy by the student skydiver because of unknown reasons;**
- 3. Malfunction of AAD, which resulted in failure to cut the closing loop of the reserve canopy container.**

Safety recommendations:

The State Commission on Aircraft Accident Investigation, taking into account the evidence gathered during the investigation, the fact of issuing Service Bulletin SB AMMO050910/4 by the „Argus” AAD manufacturer, recommend that the President of the Civil Aviation Office should suspend the use of „Argus” AAD with the cutters manufactured prior to September 2007 if one of the following circumstances exists:

- the cutter is placed above the pilot chute of the reserve canopy;
- the cutter is placed below the pilot chute and above the reserve canopy;
- AAD is used with a parachute system for a student skydiver;
- AAD is used with a tandem parachute system.

In the course of investigation into the accident the Commission received assurance of the „Argus” AAD manufacturer concerning quality improvement of the cutters manufactured after August 2007.

This fact limited the scope of suspension recommended by SCAA and related to use of “Argus” AAD with cutters manufactured prior to August 2007.

Commission Comment:

Taking into account the findings contained in this report, it should be noted that persons practicing parachute jumps should, in accordance with applicable procedures, open main canopy, or if necessary reserve canopy at appropriate altitude, and AAD should be treated only as a back up device.

Signatures of the Commission

Chairman of the Meeting: Maciej Lasek	<i>Signature illegible</i>
Member of the Commission: Dariusz Frątczak	<i>Signature illegible</i>
Member of the Commission: Jerzy Kędzierski	<i>Signature illegible</i>
Member of the Commission: Tomasz Kuchciński	<i>Signature illegible</i>
Member of the Commission: Piotr Lipiec	<i>Signature illegible</i>
Member of the Commission: Ryszard Rutkowski	<i>Signature illegible</i>
Member of the Commission: Jacek Rożyński	<i>Signature illegible</i>
Member of the Commission: Stanisław Żurkowski	<i>Signature illegible</i>