

**Checking control wires and pulleys
on
Phantom rigid wing glider**

Safety Directive – 018

Status: Mandatory

**Aeros Ltd.
September 3, 2014**

Background:

We have received information about the in-flight failure of a control cable on the Phantom rigid wing glider, year of manufacture 2006, airtime 270 hours. Luckily, the pilot was not injured. The cable broke at the pivoting pulley, close to rib No.5. No wire damage or wear was detected during the preflight check and the 200-hour checkup.

To prevent similar cases in the future we remind about the mandatory inspection of the control cables, that should occur either every year or after every 100 hours airtime. For inspection the wires have to be taken off the pivoting pulleys. Inspection is performed according to paragraph 6.2 of the Phantom manual with the view to detect broken strands by way of passing a soft cloth along the wire portion that is in contact with the pulleys. In case any damage to the wire is detected, the glider should not be flown until replacement of all the control wires. It is also necessary to check whether the pulley bearings can move freely, whether the pulleys chafe or jam. In case a damage to the wire or to the pulley is detected please, inform your local Aeros dealer or Aeros directly, stating the serial number of the Phantom glider, its year of manufacture and airtime.

Scope:

For Phantom rigid wing gliders with airtime of 200 hours or more, the need to replace control wires before the next flight. The need to check and, if necessary, replace the control system pulleys.

For Phantom gliders with less than 200 hours airtime, the need to check and, if necessary, replace the control wires and the control system pulleys.

Tools and Articles Required:

See paragraph 6.2 of the Phantom rigid wing manual
<http://aeros.com.ua/manuals/StalkerPhmanual.pdf>

Compliance:

Compliance is mandatory and has to be achieved before the next flight!

How to comply with this directive:

See paragraph 6.2 of the Phantom rigid wing manual
<http://aeros.com.ua/manuals/StalkerPhmanual.pdf>

Please, contact authorized Aeros dealers or Aeros directly about the replacement or in case of any queries.

Compliance with the requirements of the Phantom manual and informing Aeros about the inspection results is mandatory!

Reminder:

Don't forget to perform periodical and preflight wing checks!
Consult your Phantom rigid wing manual, chapter 6.2.