CYbernetic Parachute RElease System

## Important notes for pilots carrying **CYPRES** equipped skydivers on board

## FOR PROPER FUNCTION: 1) Once abvove landing elevation, never descend below landing elevation NO! ALL OF NO! NO! NO! Soffset DZ offset up CL OF DZ offset down

#### 2) Pressurized aircraft:

**Never** pressurize on the ground with skydivers on board. **Never** pressurize the cabin until reaching clearly more than 1500 ft above take-off level (example A+C) or DZ level (example B). **Always** keep your cabin pressure at least 20 hPa below air pressure of the skydivers landing elevation.

3) STUDENT, EXPERT or SPEED CYPRES TANDEM CYPRES

must reach **min. 1500 ft (450 m)** must reach **min. 3000 ft (900 m) above** take-off an drop zone elevation must reach 1500 ft (450 m) above activation altitude

MILITARY CYPRES in Training Mode

After take-off ascend at more than 180 feet per minute (1 m/s) for at least 30 seconds. This also applies to parachute jumping from a hot air balloon.

4) Be aware if <u>descending with skydivers on board:</u> <u>STUDENT CYPRES</u> activation speed is approximately 2500 ft/min vertical. (hint: shut off STUDENT CYPRES or do not exceed 1500 ft/min vertical below 1500 ft)

# **5) To avoid** any unwanted activation **inside** the **airplane**:

<u>Never</u> create a situation inside the aircraft that could trigger a CYPRES activation by descending with the CYPRES activation speed\* (or higher) being inside the activation window\*, or by virtually changing the cabin air pressure in the aircraft drastically.

Activation speed and altitude depend on the type of CYPRES model.

The range can be: activation speed*:	from 13m/sec up to 46 m/sec (vertical) from 2500 ft/min up to 9000 ft/min (vertical)
altitude*:	from sea-level up to 4250 meter from sea-level up to 14.000 ft

\*please refer to the appropriate CYPRES manual.

### 6) WINGSUIT CYPRES

### in case of WSC on board:

On the way up to altitude you should **NOT descend** for more than **500 feet** with a vertical speed between **2,5 m/sec to 8,5 m/sec** (490 ft/min to 1675 ft/min).

This applies to an altitude range between 1500 ft and 6500 ft AGL.



this information is also available digitally

for more information see the CYPRES user guide Airtec GmbH & Co. KG Safety Systems, Germany Tel: +49-2953-9899 0 April 2024 www.cypres.aero email: info@cypres.aero