

Fourteen years have passed since the introduction of the Cybernetic Parachute Release System in 1991. Now, with over 90,000 units in use and over 1,000 lives saved, we are confident in saying that the reliability and the track record of CYPRES is second to none and will remain that way.

This is a direct result of our unique production and maintenance techniques, as well as our overall philosophy, which provide users with uncompromised performance, and the best parachute Automatic Activation Device possible.

CYPRES was invented, and Airtec was founded at a time when AADs were considered to be unreliable and for students only. An experienced jumper who wanted to use an AAD had to hide it from others. Our plan was to produce the best device possible, and to convince experienced skydivers who would not even jump with someone using an AAD, that personally using one is a good idea. The reason that we have achieved these goals with CYPRES, is because of our philosophy.

Certainly, there are ways we could cut corners, reduce production costs, wait until there is a problem to perform any maintenance, or even wait until something has really gone wrong to say it is time to stop using a particular unit. Although these shortcuts could save money, and might sound good, there is a high price to pay when it comes to reliability, performance, and safety.

Construction and user-friendly design is important, but the real challenge is reliability during practical use.

We try to achieve this with a concept that includes an exceptional method of production, and by accompanying the devices throughout their lifetime.

A common method to produce an electrical device is to simply manufacture, test, and sell it.

Our concept is different:  
Our production consists of an intermittent process: manufacturing - checking - manufacturing - checking - manufacturing - etc... This process alone takes a minimum of 16 days.

When the unit comes off the production line we look after the whole system (processing unit, release unit and control unit) for the rest of its life.

- This involves:
- Adjusting it to changed environmental conditions.
  - Adjusting it to changed habits in the sport.
  - Maintaining it and performing preventative replacements of modules in case we predict future wear.
  - Updating all applicable hardware and software regularly.
  - Taking care of the power supply.

The total cost for all this during the units whole lifetime is only 2 x \$ 160 US. The first time 4 years after the date of manufacture and the second time 8 years after the date of manufacture.

Experience during the last 14 years show that our concept leads to an extremely high standard of reliability. More than a thousand skydivers saved from certain death will state that.

## CYPRES 2

With the CYPRES 2 we seem to be very close to the perfect AAD.

With its properties

- it doesn't restrict normal skydiving behaviour in consideration of the model specific activation criteria
  - the owner never has to change a battery  
(Realize: It is a highest precision pressure measuring device capable of initiating a reserve container opening within a split second – and the owner never has to replace a battery - regardless of the number of skydives.)
  - being waterproof for 15 minutes down to 15 feet
  - reminding its owner actively when the maintenance comes into sight and 15 other perfect features
- it makes life as easy as life can be when using an AAD.

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The extraordinary AAD

# CYPRES 2



The sky is not the limit  
- the ground is.

## CYPRES 2

# Some CYPRES 2 facts

## unlimited performance

It does not restrict normal skydiving behaviour.

## easiest handling

Generally just switch it on in the morning.

That's it.

To jump into a higher or lower elevation, just keep the button pressed down on the last click until you see the required height difference on the display.

*Read user's guide before use - available in 12 languages.*

## no battery replacement

No need for you to replace a battery. Ever.

## waterproof

It is waterproof for 15 minutes down to 15 feet.

## low cost of ownership

The total cost over the unit's whole lifetime is

1x	initial purchase price
+ 2x	\$ 160 US
minus 1x	\$ 80 US trade in

(this includes up keeping the whole system, adjusting it, maintaining it, updating hardware and software regularly and replacing batteries)

## Proven:

more than 1,000 skydivers saved

Trustworthy:  
90,000 CYPRES in use

Reliable:  
no refusal to function

## ... more details

- ✗ is not detectable from outside the rig
- ✗ automatically executes a self test at every switch on
- ✗ automatically compensates for weather changes during the day
- ✗ is extremely reliable
- ✗ has its own means to initiate the reserve opening (independent from the ripcord)
- ✗ activates at the lowest possible altitude



*the most advanced AAD technology on the planet*

- ✗ is extremely accurate
- ✗ requires minimal attention
- ✗ is very small ( 139 cm<sup>3</sup>)
- ✗ is very light weight (182 grams) and extremely robust
- ✗ its serial number is accessible from the display
- ✗ does not need to be switched off after use
- ✗ needs maintenance only every four years
- ✗ actively reminds of upcoming maintenance
- ✗ its cutter subsystem is also used in satellites