

Military CYPRES* family



* Military CYPRES has been replaced by Military CYPRES-2



Airtec GmbH
Mittelstrasse 69 • D-33181 Bad Wünnenberg
 Ph: +49 2953 989990 Fax: +49 2953 1293

The Military CYPRES family of parachute AADs (Automatic Activation Devices) is designed to support the special demands of tactical military operational applications, as well as the needs of routine training applications.

- Adapted to all military operational requirements
- In Military use in 42 Countries world-wide
- More than 12 years experience in Military applications
- Standard and Custom setting versions available

The Military CYPRES consists of two operating modes, which take into account all the different needs and applications required by the Military user:

1. The 'Training' mode is ideal for use on the local dropzone. While in Training mode, the Military CYPRES works with the simplicity ("set it and forget it"), and ease of operation of the sport model CYPRES family:
 - No calibration necessary
 - Automatic weather adjustment without user interaction
 - No pre-jump check required
 - No need to switch off after landing
2. For tactical applications and remote jumps, the Military CYPRES is used in 'Operational' mode, so that all requirements of 'Training' mode (and sport CYPRES units) are overcome. Any activation altitude can be programmed, while on the ground, or in-flight - even in a pressurized cabin.
 - Adaptive activation velocity (increases with altitude, based on terminal velocity)
 - Absolute set version - set to actual pressure at DZ (mbar pressure altitude)
 - Relative set version - for special applications - set to difference between switch-on and DZ pressure (mbar)

The Military CYPRES is easy to handle, small, light weight, extremely accurate, and has an opening system independent of the ripcord pin(s), as the reserve container is opened by cutting the closing loop(s). *The concept of cutting the container closing loop is patented by Airtec (US# 4858 856).* Military CYPRES features include:

- Processing Unit and Cutter(s) located & protected inside reserve container, Control Unit accessible externally
- Self-test: complete functional test with good-to-go indication - performed during switch-on and setting
- Automatic switch-off after 14 hours to conserve battery life
- Low maintenance cost and down-time - No in-field chamber testing (calibration verifiable during self-test)
- U.S. And Europe based Service and Support
- Training seminars / classes, PC-based training tools, web based: www.MilitaryCYPRES.com
- Setting tools: Circular calculator, PC-based, web-based, PDA-based
- Container installation setup kits provided
- Simple, easy-to-identify, descriptive nomenclature
- Standard off-the-shelf, and Custom default activation altitude and activation speed settings available

Military CYPRES Technical Data:

Activation		SSK Part Numbers (standard versions)			
Altitude	Speed (at sea level)	Absolute		Relative	
		1-pin	2-pin	1-pin	2-pin
1000 ft / 300 m	78 mph / 35 m/s	AADC1M1035A	AADC2M1035A	AADC1M1035R	AADC2M1035R
1500 ft / 450 m	78 mph / 35 m/s	AADC1M1535A	AADC2M1535A	AADC1M1535R	AADC2M1535R
1900 ft / 580 m	78 mph / 35 m/s	AADC1M1935A	AADC2M1935A	AADC1M1935R	AADC2M1935R
2500 ft / 750 m	65 mph / 29 m/s	AADC1M2529A	AADC2M2529A	AADC1M2529R	AADC2M2529R

Operating range above sea level	-500 m to +20000 m (-1600 ft to +65500 ft)
Altitude adjustment range	-500 m to +11500 m (-1600 ft to +36000 ft)
Battery life	2 years typical (approx 300 hours in 'Operational' mode)
Reliability / Confidence rating	greater than 99.5/90 (activation and non activation)
Accuracy	better than +/- 500 feet (at default setting)
Maintenance	4 and 8 years after DOM (+/- 3 months)
Lifetime	12 years from DOM
Water-resistant	(optional)
Processing unit (internal) temperature*	-32° to +63° centigrade (-25F to +145F)

*Inside packed parachute container - outside (ambient) temperature limits significantly higher.



SSK Military Industries, Inc. Is a Small Business Entity

U.S. Based sales, service, and support:
SSK Military Industries, Inc.
 1008 Monroe Rd. - Lebanon, OH 45036
 Ph: 513-934-3201 - Fax: 513-934-3208
info@SSK.us www.SSK.us



Schedule
 Contract GS-07F-0572N



Member Parachute Industry Association