

CYPRES 2



ZUVERLÄSSIGKEIT
Reliability made in Germany.

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SAVES

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April 1991:

Dortmund, Germany

Student CYPRES:

Student experienced a total malfunction.

May 1991:

Ampfing, Germany

Student CYPRES:

Student could not find ripcord, became confused and did nothing.

June 1991:

Ampfing, Germany

Jumper went into a fast spin in free fall and took no further action.

July 1991:

Klatovy, CSFR

A skydiver with 200 jumps cut away from her malfunction, but did not pull the reserve.

Jan. 1992:

Ahden, Germany

Student CYPRES:

Student's main canopy streamed. Student did nothing about it.

Feb. 1992:

Davis, California

Student CYPRES:

Student had a bag lock malfunction and did nothing.

April 1992:

Meissendorf, Germany

AAF trained jumper lost her goggles and didn't pull anything.

May 1992:

Przyleg, Poland

Jumper started spinning in free fall, couldn't do anything about her spin and couldn't pull.

May 1992:

Schmallenberg, Germany

Student CYPRES:

Bridle line wrapped around student's leg, resulted in a streaming main. Student did nothing about it.

June 1992:

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Cottbus, Germany

Student CYPRES:

Student with 14 jumps went unstable and tried unsuccessfully to pull ripcord.

July 1992:

Flensburg, Germany

A experienced jumper with about 270 jumps, most of them with the military, was jumping an unfamiliar rig at a new DZ and in poor conditions. Although the jumper wasn't current, he accepted a slot on a 4-way dive. At break-off, he pulled out his throw-out pilot chute and held onto it until CYPRES activated his reserve. The jumper couldn't explain why he didn't let go of the pilot chute.

Aug. 1992:

Trier, Germany

Student CYPRES:

Student had an unstable exit which resulted in a horseshoe malfunction. He did nothing about it.

Sept. 1992:

Berneck, Germany

Tandem CYPRES:

Drogue failed to release. Tandem master became engrossed in the problem and did not pull the reserve, although he later reported he was reaching for the handle when the reserve opened.

Oct. 1992:

Sitterdorf, Switzerland

Jumper lost reserve handle and became confused. The jumper was on a 4-way dive when the others tried pointing out that his reserve ripcord was floating free of the housing. This confused the jumper, and he pulled his cutaway handle, even though he had not deployed the main. The jumper looked down, realized the ground was getting very close, and reportedly gave up hope. The CYPRES then activated and the reserve deployed.

Oct. 1992:

Berlin, Germany

Jumper had a bag lock malfunction and became confused. The jumper had 70 jumps, but over a short period of time. He had a bag lock malfunction caused by the incorrect routing of the bridle. The jumper was confused and remembers looking at his handles. Not knowing what to do next, he continued to look at the handles until he saw the ground, realized it was very close and screamed just before CYPRES activated.

Oct. 1992:

Cedar Rapids, Iowa

Student CYPRES:

Student became unstable after exit. CYPRES activated and the reserve deployed. Student subsequently admitted losing track of events.

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Dec. 1992:

Naas, Ireland

Jumper missed her main ripcord handle, pulled cutaway handle, but didn't pull the reserve.

Jan. 1993:

Heumoor, Germany

Student CYPRES:

Skydiver (88 jumps) experienced difficulty with the hand deploy. She believed she had released it but still had no parachute. She then could not find the cutaway handle. At this stage the CYPRES activated. Only then she did discover the hand deploy clenched between her teeth.

Jan. 1993:

Locarno, Switzerland

A skydiver, jumping from 3500 ft., had problems pulling her hand deploy. She seemed to fumble for a long time until the CYPRES activated and deployed her reserve. She later claimed that she deployed the main at the same time as the CYPRES fired but two inspecting riggers stated that the main canopy still had packing folds and had certainly not experienced opening shock. The jump was unobserved, and the riggers state that the main was probably opened on the ground after landing.

Feb. 1993:

Z-Hills, Florida

A qualified jumper using borrowed equipment was unable to deploy his main parachute and was then observed to go unstable. At approximately 600 ft. CYPRES activated his reserve.

July 1993:

Saint-Flour Coltines, France

The jumper was doing his first hand deploy exercise from 6500 ft. As he tried to pull he became unstable, rolled on his back and remembers observing his reserve and cut away handles. Although he was aware that he must do something he later said that for some reason he could do nothing. The reserve was activated by CYPRES.

July 1993:

Ampuriabrava, Spain

Student CYPRES:

Although there is little information on this incident it appears that the altimeter stuck at 8000 ft., and the student then lost altitude awareness. CYPRES worked as expected and activated the reserve.

July 1993:

Ampfing, Germany

Student CYPRES:

The student made a dive exit from a Twin Otter, achieved a stable position, then became unstable and went into a spin. He tried to stop the spin by adopting the neutral position, forgot to look at the altimeter and made no attempt to pull. CYPRES activated the reserve. The student later said that he felt he couldn't do anything - "nothing worked."

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Aug. 1993:

Ampfing, Germany

Student CYPRES:

A static line student was unstable from exit and experienced a horseshoe malfunction. He ended up back to earth with both arms entangled. CYPRES activated the reserve. The student later stated that he was afraid to deploy the reserve for fear of entanglement.

Aug. 1993:

Saint-Flour Coltines, France

Student CYPRES:

The student was unstable from exit, experienced a horseshoe malfunction, and made no attempt to deploy the reserve. CYPRES fired and activated the reserve parachute.

Aug. 1993:

Barki, Russia

A 46 year old ex-AFF graduate cut away from a malfunction on his 96th jump. While trying to pull the reserve he became unstable and remained so until CYPRES fired and activated the reserve.

Nov 1993:

Vero Beach, Cuba

Tandem CYPRES:

Main canopy bag lock due to incorrect routing of the drogue release. The reportedly inexperienced tandem master made no attempt to deploy the reserve. CYPRES activated the reserve.

Feb 1994:

Yuma, Arizona

A member of a professional demo team collided with another team member during a free fall track manoeuvre. He was seriously injured and rendered unconscious. CYPRES activated his reserve, and he landed in a tree. Sadly, he died later from injuries sustained during the free fall collision.

April 1994:

Kassel, Germany

Student CYPRES:

AFF-Student jumped with a defective altimeter. He lost track of altitude and his reserve was activated by CYPRES.

May 1994:

Anchorage, Alaska

A first time surf board jumper was unstable for most of the descent. On cutting away the board only one side released and the jumper, who had the hand deploy in his hand, was afraid to release it for fear of entanglement. CYPRES activated at the correct height and activated the reserve. Fortunately the DZ owner had required the sky surfer to use a rig with CYPRES.

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June 1994:

Teuge, Holland

35 year old sky surfer with approximately 700 jumps in 5 years got into an inverted spin and tried to cut the board away. Because of his unusual position the release handle (leg mounted) was very close to his main cut away pad and he pulled this instead. The board did not jettison and he kept trying to cut it away. At about 1500 ft. he was successful and, now very dizzy, he pulled his main parachute which disappeared. By now in a state of terror he was attempting to deploy the reserve when CYPRES activated and the reserve opened.

July 1994:

Raeford, North Carolina

Two members of an experienced CRW team were involved in a CRW wrap at about 6000 ft. The entangled jumper cut away from his main and then observed the other jumper cutting suspension lines to free him. When he fell away, convinced that he now had neither a main nor reserve, he tracked towards a small lake. CYPRES then activated his previously unopened reserve.

July 1994:

Dortmund, Germany

A skydiver was unable to pull her hand deploy. At about 2000 ft. she made the decision to deploy the reserve but in spite of using both hands was unable to do so. CYPRES worked as expected and activated her reserve. She later said she fully trusted CYPRES and had waited "patiently" until the appropriate altitude was reached.

Aug. 1994:

Le Blanc, France

A parachutist with 70 jumps was doing his second hand deploy exercise from 6500 ft. His attempts at deployment were unsuccessful and he made no attempt to pull the reserve. He then went into a fast spin and was saved when CYPRES activated his reserve.

Aug. 1994:

Nowra, Australia

The parachutist experienced a 'floating' pull out. After several attempts to locate it he for some reason initiated the cutaway procedure and then continued to fall towards the earth. At the CYPRES altitude his CYPRES opened his reserve.

Aug. 1994:

Weston on the Green, England

A newly qualified AFF student on a solo jump seemed to lose all altitude awareness and made no attempt to pull. The reserve was activated by CYPRES. The student was reported to have had a 'history of problems' and has since been permanently grounded.

Sept. 1994:

Hoevenen, Belgium

Student CYPRES:

The free fall student left aircraft at 4500 ft. He activated the main in an unstable position resulting in a line over malfunction. He did not cut away the main and CYPRES activated his reserve. The student landed safely under both canopies.

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Sept. 1994:

British Columbia, Canada

A parachutist with 470 jumps completed a normal 4 way dive and then experienced difficulty in pulling her throw-away pilot chute from its pocket. After repeated attempts, she pulled the cutaway handle instead of the reserve, then remained in stable free fall until CYPRES activated at 750 ft. She was unable subsequently to explain why she had not pulled the reserve.

Sept. 1994:

Canton, Ohio

Skydiver using loose-fitting gloves had trouble pulling hand-deploy pilot chute from pocket. She pulled her cutaway handle, and then had trouble locating the reserve handle. She then rolled onto her back while attempting to locate the handle visually. Still unable to locate or pull the reserve handle, she went back to a face-to-earth position prior to CYPRES activating. After landing under the reserve, the reserve handle was still in place in the pocket, and the hand-deploy was able to be pulled from its pocket.

Sept. 1994:

Neustadt, Germany

Tandem CYPRES:

A tandem pair exited at 13,000 ft. and the tandem master (with 1880 jumps) deployed the drogue after six seconds. At 8000 ft. his wrist mounted altimeter stuck and although he was concerned he continued to fall without taking any action. At approximately. 1900 ft. his Tandem CYPRES activated. The reserve was fully opened with the slider down at below 1000 ft. On the ground the altimeter turned back to zero by itself.

Oct. 1994:

Teuge, Holland

A cameraman, making his first jump with a new suit, deployed the pilot chute (BOC) through the hole between the suit wing and his body. The inflated pilot chute caused him to go into a head down, back to earth position in which he remained for 9 seconds until CYPRES activated at 750 ft. deploying the reserve.

Oct. 1994:

Bad Lippspringe, Germany

An ex-student with 45 jumps had a problem with her main and cut away. No further action was taken. CYPRES opened her reserve and she was under it for about 28 seconds.

Nov. 1994:

Orange, Virginia

A jumper with one year in the sport and 65 jumps couldn't find her main parachute handle and failed to activate the reserve. CYPRES rescued her.

Dec. 1994:

Albenga, Italy

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An AFF graduate on the third jump after graduation was unable to correct a turn that had started after exit. While attempting to deploy the main, she went unstable and managed to trap the pilot chute and bagged main canopy between her legs. At about 750 ft. CYPRES deployed the reserve. After landing safely under the reserve with the main canopy still in the bag, she was completely unaware of what had happened, and in fact thought the landing was underneath the main canopy.

Dec. 1994:

Lake Wales, Florida

On New Year's Eve a free fall collision between two skydivers occurred on a 230 way attempt during break-off. One skydiver landed under his main with a broken leg. The other one tumbled unconsciously towards the earth when CYPRES activated his reserve. He landed with serious injuries from the collision under his reserve, still being unconscious. Next day he fortunately was recovering. - Will be jumping again in six weeks, doctor said.

08. Jan. 1995:

East Troy, Wisconsin

A skydiver attempted to pull at 3200 ft. Unable to extract the pilot chute, he started to pull the reserve at 2000 ft. He continued to pull until CYPRES activated his reserve. The jumper was wearing neoprene gloves, and it is thought he was pulling on the main lift web.

14. Jan. 1995:

California, Maryland

A skydiver starting in a "Skydive University" program turned to track at about 4,500 ft. and had difficulty finding the pilot chute. He failed to deploy the main and made no attempt to deploy the reserve. The CYPRES activated at approximately 750 ft.

15. Jan. 1995:

Perris, California

Tandem CYPRES:

A visiting tandem examiner and trainee deployed the drogue and had a hard pull on the drogue release. The CYPRES opened the reserve container at the appropriate altitude. Ground observers estimated the reserve canopy to be open at approximately 1000 ft.

01. Feb. 1995:

Waller, Texas

A skydiver with 143 jumps tracked away from a 4 way until his CYPRES activated the reserve.

04. Feb. 1995:

Waller, Texas

Student CYPRES:

An AFF student went unstable after being released. Neither jump master was able to re-dock. While unstable on her back CYPRES activated the reserve.

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01. May 1995:

Gransee, Germany

Student CYPRES:

A student with 11 jumps had a malfunction and cut away the main. The RSL failed to activate the reserve. He didn't take any further actions, and his CYPRES activated the reserve at approximately 750 ft. On the ground, the RSL shackle was found open, although witnesses thought they had seen it closed prior to the jump.

13. May 1995:

Elkton, Virginia

A skydiver involved in a relative work jump (75 way) broke off uneventfully. At pull time, the skydiver could not extract the pilot chute from its pocket on the leg strap. She kept trying to pull until CYPRES activated her reserve at approximately 750 ft. Later inspections showed that the hard pull was due to improper packing of the throw out pilot chute.

20. May 1995:

Bautzen-Litten, Germany

Student CYPRES:

A student started spinning in free fall and completely lost altitude awareness. CYPRES activated the reserve at approximately 750 ft.

02. June 1995:

Wichita, Kansas

Student CYPRES:

A student exited at 4000 ft. for his second free fall (Hop and Pop - Static line program). He went unstable immediately and made no attempt to pull either main or reserve until CYPRES activated at approximately 750 ft. The Student landed safely.

20. June 1995:

Zürich, Switzerland

Following a 6-way, a skydiver with 1500 jumps and 14 years in the sport experienced a pilot chute in tow upon attempting to deploy the main. While gearing up, the right leg strap had been twisted, causing a misrouted deploy bridle. CYPRES activated his reserve, and he landed safely. Later, he said he didn't really know what to do next while the pilot chute was in tow.

July 1995:

Rittman, Ohio

An experienced jumper made a 2 way exit from a Twin Beech (E18) from rear float position. The jumpers left before receiving a "cut" from the pilot. The back of his head hit the elevator of the air plane and jumpers on board watched his body go limp as he was instantly knocked unconscious. Observers on the ground watched his CYPRES activate his square reserve and him land in an open field, shortly thereafter. He remained unconscious for an unspecified time after help arrived, and was airlifted to a hospital where he spent the next two days before being discharged. It is reported that he suffered no broken bones or other injuries.

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04. July 1995:

Germany

Student CYPRES:

An AFF level 3 student made no attempt to pull either main or reserve until CYPRES activated at the correct altitude.

05. August 1995:

Quincy, Illinois

A skydiver with 86 jumps experienced a pilot chute in tow resulting from a belly band misrouted over the bridle of his leg strap mounted hand deploy. While spinning on his back, he went for his reserve handle after "figuring out what was going on". He experienced a hard pull on the reserve, with the handle clearing after the CYPRES cut the reserve loops.

06. August 1995:

Wisconsin, USA

At 3500 ft, a skydiver could not get the hand deploy pilot chute out of the pocket. While pulling with both hands, a spin developed, he then pulled the cutaway handle below 1000 ft., and was looking for the reserve handle when CYPRES activated the reserve, followed by a short pilot chute hesitation. He saw the ground as his reserve opened at was later estimated to be about 400 ft. After a short canopy ride, the skydiver was unable to avoid a barn, striking it on landing. As later it was possible to pull the pilot chute on the ground, it is unknown if he was actually pulling on the pilot chute handle.

10. August 1995:

Quincy, Illinois

Following a skydive from a 727 jet aircraft, a skydiver with 135 jumps had a main bag lock malfunction. Although he pulled the cutaway handle, the RSL could not activate the reserve pin. Later he explained that as "nothing was happening, I was pulling on the bridle when CYPRES activated the reserve", apparently forgetting to use the reserve handle.

August 1995:

Italy

A skydiver exited at 3,800m. When he prepared for opening, he became unstable keeping his hand deploy in his hand. At 600 m he realized he was very low, and he decided to do nothing but let CYPRES open his reserve. CYPRES worked as expected, and the jumper had an uneventful landing.

11. September 1995:

Canada

A skydiver with 470 jumps experienced a malfunction and tried to cut away, but nothing happened. Bewildered by the situation, she realized she was getting lower and lower, until CYPRES activated her reserve. Later she thought, her inability to take appropriate action had to do with a stay in the hospital some days before, where she was treated with an anti-histamine after a wasp sting.

17. September 1995:

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East Troy, Wisconsin

A jumper went up for a dive with some friends. At 3,500 ft. they broke off and the jumper turned, tracked, then reached for her pilot chute. After two hard tugs (the pilot chute on the rig was about 1/2 way out of the pouch), she was unable to extract her throw-out. CYPRES activated her reserve, and she landed uneventfully under her reserve.

08. October 1995:

Buttwil, Switzerland

A skydiver with 1400 jumps exited at 9500 ft. After a long free fall he couldn't find his hand deploy. While still looking for the main pilot chute handle, his CYPRES activated the reserve canopy at the appropriate altitude. He then landed without further problems.

08. October 1995:

California, USA

A skydiver had a pilot chute in tow, and then could not locate her reserve ripcord handle. While still attempting to locate the handle, CYPRES activated the reserve at approximately 700 feet. She landed with her ripcord handle in the pocket.

04. November 1995:

Redmond, Oregon

A student doing his A-license manoeuvres experienced a hard pull and began tumbling. He lost altitude awareness and CYPRES activated the reserve at the correct altitude.

21. November 1995:

California, USA

On a stunt skydive for a TV clip a skydiver was unable to open either parachute. CYPRES activated his reserve and he landed safely.

03. December 1995:

Taft, California

A skydiver was involved in a funnel near break-off. While "going for the main", CYPRES activated his reserve. After opening shock, he checked his altimeter which read about 600 ft. He landed uneventfully with his still packed main.

09. December 1995:

Buenos Aires, Argentina

A skydiver on a 3-way was unable to remove her pilot chute from the BOC pouch. As it was impossible for her, she then attempted to pull the reserve using one hand. This too was unsuccessful. Finally CYPRES activated her reserve and she landed without further problems.

17. December 1995:

Moscow, Russia

An experienced jumper (600 jumps) and a student (35 jumps) exited at 3000 meters. Busy with the skydive, they were not properly keeping track of the altitude, until the experienced jumper realized they were very low and immediately pulled his main ripcord. The student did not understand why his partner did not signal. As he began to pull out his pilot chute, CYPRES activated his reserve. Observers on the ground said his canopy was fully inflated at 100 m and that without CYPRES the

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student would have had no chance to survive.

26. December 1995:

Ampuriabrava, Spain

A skydiver with 1800 jumps couldn't pull out the reserve ripcord because of a stiff pull. Even with both hands and all her effort there was no result. CYPRES activated and she landed in a front garden in the village of Ampuria.

December 1995:

Temploux, Belgium

A jumper was hit in free fall and became unconscious. CYPRES opened his reserve and he landed without further incidents.

11. February 1996:

San Diego, California

A skydiver rented a student throw-out rig. He attempted to pull at 3,000 ft. but could not find the pilot chute. Using the remaining free fall, he continued searching for the throw-out, never pulling the reserve. CYPRES activated and he landed without further incident.

March.1996

Brisbane, Australia

Student CYPRES:

A student with 21 jumps lost altitude awareness and didn't take any action. It was simply reported that "CYPRES saved him".

March 1996:

Moscow, Russia

A student with 35 jumps could not find the handle and panicked. CYPRES activated her reserve and she landed without further problem. It turned out that she is the mother of five children.

March 1996:

USA

After a long winter lay off, and a bit too much "partying" the night before, a relatively new skydiver was unable to pull the BOC pilot chute. Fortunately, someone else turned on the CYPRES prior to the skydive, as she had forgot. Witnesses stated that the reserve ripcord was not pulled but rather removed after landing.

21. April 1996:

Bad Wörishofen, Germany

A jumper with 200 jumps couldn't find the hand deploy pilot chute. He pulled the cutaway handle and took no further action until CYPRES activated his reserve. Later he reported that he didn't realise what actually happened.

April 1996:

Hannover, Germany

After exit of an experienced CRW group, one of the jumpers - who because of the warm weather wore no helmet - collided with another jumper and was knocked unconscious. At the correct altitude,

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CYPRES activated the reserve and he landed in a wood, only suffering minor injuries from the landing.

4. May 1996:

Vandalia, Illinois

Two skydivers on a 2-way night jump lost altitude awareness. The first, unfortunately not CYPRES-equipped, was later found with full line stretch on the main canopy and with the reserve ripcord handle out of the pocket. The second, who normally used a dytter and usually jumped from a higher altitude than on this skydive, reported that he saw the first jumper's altimeter reading "about 1,500 ft." As he turned to track, CYPRES activated his reserve preventing a double fatality.

13. May 1996:

Perris, California

A jumper with 42 jumps experienced a horseshoe malfunction. After a clean cutaway, no other action was taken and CYPRES activated his reserve. After landing, the reserve handle was still in the pocket, and the lead seal still on the ripcord pin.

18. May 1996:

Perris, California

At approximately 8,000 ft., a skydiver with 31 jumps fell directly onto another jumper, striking his head on the second jumper's thigh. He was knocked out immediately. Later, at the appropriate altitude, CYPRES activated his reserve, and he landed safely in a clear field where he soon regained consciousness. Later the same day, after being released from the hospital, he returned to the DZ with no injuries being sustained.

26. May 1996:

Lobos, Argentina

Tandem CYPRES:

The tandem master deployed the drogue through the passenger's ripcord housing. When he released the drogue release nothing happened. He tried twice until CYPRES activated, and pilot and passenger both landed safely.

June 1996:

Sydney, Australia

Having finished relative work, a jumper with 100 jumps wanted to deploy at normal altitude but had trouble finding/pulling his BOC throwaway. He lost track of time and altitude, only realizing this when CYPRES opened his reserve.

22. June 1996:

Zwartberg, Belgium

An AFF student (level 4) pulled his main but the pilot chute remained under its flap. The student became unstable and tried further to open the main. CYPRES activated his reserve and he landed safely.

22. June 1996:

Fehrbellin, Germany

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A jumper experienced a pilot chute in tow malfunction resulting from a twisted leg strap. The pilot chute however had enough power to pull the pin of the main container. The lines became entangled around the jumpers foot. He unsuccessfully tried to get rid of the lines, finally trying to cut away. CYPRES activated the reserve. Later the jumper admitted he had lost track of time and altitude.

6. July 1996:

Moscow, Russia

Student CYPRES:

A jumper started tumbling in free fall and didn't take any action, until CYPRES activated the reserve.

6. July 1996:

Holland

A jumper exited at 2,300 ft. The weather was rather bad and he was wearing no jump suit - just his normal clothes. His hand deploy was hidden, so he couldn't find it. CYPRES finally activated his reserve.

7. July 1996:

Moscow, Russia

On a sky surfing jump the bridle (due to a weak pin) got loose and the main container opened. The pod came out. The jumper released the board which resulted in a twist of lines and cutaway cable of the board. The jumper tried to de-entangle this until CYPRES activated his reserve.

9. July 1996:

Sarmellek, Hungary

The jumper could not find the handle of the hand deploy. She pulled the cutaway handle but then didn't do anything. CYPRES activated the reserve and she landed safely.

July 1996:

Germany

A jumper in the AFF training wanted to finish training prematurely as he wanted to leave for the US. He was recommended not to do so but could not be prevented. The trainer pulled at 900 m, the student didn't pull and fell until CYPRES activated the reserve.

July 1996:

Kassel, Germany

Student CYPRES:

A Student with 13 jumps didn't do anything. CYPRES activated his reserve, resulting in an uneventful landing.

8. August 1996:

San Vincenzo, Italy

A relatively new jumper did not pull or do anything else, until CYPRES opened his reserve.

10. August 1996:

Salgareda, Italy

After a clean exit a jumper lost his goggles and started to spin. While he was trying to re-stabilize he lost altitude awareness, and the spinning even increased. CYPRES activated the reserve and the

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jumper landed safely.

14. September 1996:

Flensburg, Germany

Student CYPRES:

A student, becoming excited, lost altitude awareness and didn't find the hand deploy. He took no further action, until CYPRES activated and the student landed without incidents.

01. October 1996:

USA

A jumper with over 1000 jumps had a twisted leg strap. He deployed his main TOP at approx. 2000 ft., and spent considerable time analysing pilot chute in tow. The jumper did not attempt to cut away, but opted only to pull reserve. However, he did nothing, until CYPRES activated his reserve.

04. October 1996:

Byron, California

A jumper with 1000 jumps lost altitude awareness while competing in a vertical speed contest. CYPRES activated his reserve, resulting in an uneventful landing.

25. October 1996:

Ampfing, Germany

A free stylist and her experienced video man (4000+ skydives) performed a camera jump. Both forgot about the time. At approx. 750 ft. the CYPRES of the free stylist activated her reserve. Realizing that, her video man pulled immediately. When touching the surface, his canopy still was not completely inflated. He landed in a small river and only suffered minor injuries.

27. October 1996:

USA

Student CYPRES:

AFF level 5 student failed to pull main or reserve. CYPRES activated at the correct altitude resulting in a good reserve opening.

3. November 1996:

Denver, Colorado

A student exiting at 7000 ft had problems to pull. He turned on his back until CYPRES activated at the appropriate altitude.

24. November 1996:

A jumper couldn't find BOC after wave off at 3500 ft. He later reported, he wasn't sure of which emergency procedures to use. He kept trying to find throw out until CYPRES activated his reserve.

30. November 1996:

Toledo, Spain

A jumper couldn't pull the BOC because of a hard pull. CYPRES activated her reserve at the correct altitude thus saving the jumper.

21. December 1996:

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Gardiner, New York

A jumper jumping a new rig for the second time, had a normal exit and went to pull at 3.000 ft. He was not used to BOC and was unsuccessfully trying to find the pilot chute. CYPRES activated the reserve and the jumper landed safely.

8. February 1997:

USA

On a two way head down dive both jumpers lost altitude awareness. Each CYPRES activated, resulting in a double save.

11. February 1997:

Sierra Morena, Spain

Total malfunction after pulling the hand deploy. The jumper pulled the cutaway handle, CYPRES activated the reserve.

11. February 1997:

Boituva, Brazil

Brazilian skydiver was unable to deploy either his main or reserve for reasons that were not very clear. CYPRES opened his reserve container.

16. February 1997:

Zwartberg, Belgium

After a solo jump from 6500 ft. a skydiver couldn't find his ripcord, went unstable and tried to become stable again. Due to these procedures he forgot altitude and time. CYPRES activated his reserve.

20. February 1997:

San Diego, California

A skydiver tried to deploy his main but could not. He cutaway when CYPRES activated his reserve, resulting in a safe landing.

28. March 1997:

Lake Wales, Florida

A jumper with 6000+ jumps was knocked out upon exit at 13,500 ft. At the correct altitude, CYPRES opened his reserve. He landed, still being unconscious, only with minor injuries, and regained consciousness a little later.

March 1997:

Le Luc, France

A jumper had problems finding his hand deploy. He did not realize the loss of time and believed he had pulled his reserve handle which was not the case. CYPRES had activated his reserve.

13. April 1997:

Siegerland, Germany

Student CYPRES:

On a pilot chute assisted static line jump, the student experienced a horseshoe malfunction with the bridle. He took no further action until CYPRES opened his reserve.

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21. April 1997:

Loxn, Austria -

After a normal exit at 3600 m, a jumper had problems finding his hand deploy. Searching it, he finally cutaway, also having problems with this. He thought about pulling his reserve handle, when CYPRES activated deploying the reserve.

25. April 1997:

Gransee, Germany

A jumper was unable to find her hand deploy. She kept searching for it until CYPRES activated her reserve.

30. April 1997:

USA

Having a line over problem, a jumper cut away his main. Instead of pulling his reserve, he took no further action until his CYPRES activated his reserve.

10. May 1997:

Boituva, Brazil

Student CYPRES:

A student exited at 6000 ft. for a 5 sec delay and became unstable. The static line instructor, realizing this, jumped after her. The student finally was saved by CYPRES, while the non CYPRES equipped instructor deployed the main too low and impacted with line stretch.

24. May 1997:

Leopoldsburg, Belgium

A jumper with 1000+ jumps had problems to open his main. When he realized he would not be able to CYPRES activated, and he landed without problem.

25. May 1997:

Hemet, California

After a normal exit from a King Air, a jumper experienced a malfunction and tried to cut away. Due to these procedures he went unstable, when CYPRES finally activated his reserve resulting in a safe landing.

28. June 1997:

Titusville, Florida

A jumper fell into the deploying main of another jumper, destroyed the canopy and knocked the other jumper unconscious. This jumper fell, due to his destroyed canopy, with a very high descent rate until CYPRES activated his reserve at the correct altitude.

29. June 1997:

Hoexter, Germany

CYPRES 2



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Student CYPRES:

A student, exiting at 4000 m, went unstable and kept trying to stop her uncontrolled spins until CYPRES activated her reserve.

6. July 1997:

Covington, Georgia

Student CYPRES:

A student with 38 jumps, on a re-currency jump exited at 5500 ft., went unstable and did not pull anything. He was on his back spinning when CYPRES activated his reserve at approx. 750 ft. - he landed without further incident.

26. July 1997:

Hutchinson, Minnesota

Quotation from the CYPRES activation report: "I was flying camera head down, did not hear my audible altimeter and lost altitude awareness. I had made no attempt to deploy my main at the time my CYPRES fired. I was head down when my reserve deployed."

1. August 1997:

Boituva, Brazil

Student CYPRES:

A student, equipped with a belly belt throw out rig for the first time, had problems to deploy. She kept trying it until CYPRES activated at the correct altitude.

9. August 1997:

Meißen, Germany

On an AAF level 4 jump, the instructor chased the student and pulled the student's ripcord at approx. 1000 ft. The student's CYPRES activated immediately after main deployment. The instructor's CYPRES activated at approx. 225 m, he had no time to pull anything before.

August 1997:

Holland

A jumper had a new BOC rig and did no training before jumping it. He tried to locate the hand deploy until CYPRES activated the reserve.

August 1997:

Gransee, Germany

Student CYPRES:

On a static line jump the static line was disconnected. After 30 seconds of free fall the student pulled the cutaway handle. CYPRES activated the reserve resulting in an uneventful landing.

28. August 1997:

Italy

Two free flyers lost altitude awareness. Each had a CYPRES which activated at the correct altitude.

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21. August 1997:

Nechrieden, Germany

Student CYPRES:

Static line jump: Student caught pilot chute and got entangled with the lines, pulled the cutaway handle but didn't pull the reserve handle, CYPRES activated the reserve resulting in an uneventful landing

31. August 1997:

Bad Woerishofen, Germany

Student CYPRES:

An AFF Level VI student did not pull anything. The instructor could not help. CYPRES activated the student's reserve.

31. August 1997:

Ft Dodge, Iowa

A jumper on 3-way dive broke off at 6000 ft to practice some new freestyle manoeuvres. Passing through 2500 ft her goggles broke and blew off. She became confused and disoriented. After pulling, her pilot chute was wrapped around her body. She fell head-to-earth until the CYPRES activated her reserve. She had a clean landing and suffered no injuries.

13. September 1997:

Turkey

A 4-way team didn't hear their audio altitude warning device. All 4 CYPRES activated simultaneously. The average time under reserve was 16 seconds.

20. September 1997:

Northampton, MA

Tandem CYPRES:

The tandem instructor experienced a drogue in tow. He pulled both release handles but still no main opening - then the CYPRES fired and the reserve deployed - without injuries or equipment damage.

28. September 1997:

Elsenborn, Belgium

Student CYPRES:

Parachutist was unstable and lost track of time and didn't pull anything. CYPRES activated the reserve resulting in a normal landing.

04. October 1997:

Byron, California

CYPRES 2



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Student CYPRES:

AFF Level 7, Dive Exit: Student cheated Instructor (outside AC) with a good exit count followed by a 2 sec delay. Due to this, the instructor had no influence on the dive. The student went later into a hard spin, was unable to recover and passed out. The instructor pulled at 2000ft, the student was saved by reserve opening through CYPRES.

16. October 1997:

Vinton, Iowa

Student CYPRES:

Wearing gloves the student couldn't find the ripcord. Trying to take off his gloves he forgot altitude and didn't pull anything. CYPRES opened the reserve resulting in a save landing.

19. October 1997:

Werdohl, Germany

Student CYPRES:

The jumper had problems to pull the hand deploy until the CYPRES opened the reserve..

15. November 1997:

Boituva, Brasil

Student CYPRES:

A skydiver with 35 jumps did not find his BOC pilot chute and lost altitude awareness. CYPRES opened his reserve.

3. December 1997:

Eloy, AZ

Student CYPRES:

A skydiver with 40 jumps lost altitude awareness. She was falling back to earth and was looking after her handles, when the CYPRES opened the reserve.

6. December 1997:

South pole, Antarctica

The participants of a 4 way lost altitude awareness. One skydiver is saved by CYPRES, the other 3 non AAD equipped skydivers die through impact

Exact date not confirmed:

Australia

D- license jumper cuts away above 3000ft. and does not pull the reserve handle. CYPRES activated, and the reserve canopy was open in approx. 200 ft. The jumper removed his RSL one week before.

4. January 1998:

Wallace, NC.

A jumper experiences a pilot chute in tow and is not able to locate his reserve handle. CYPRES activates in approx. 750 ft., resulting in a safe landing.

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13. January 1998:

Headcorn PC, UK.

A jumper is unable to pull either main or reserve handle because of cramps and several layers of clothing. CYPRES activates the reserve, the jumper lands without injury.

2. February 1998:

Monroe, GA.

Student CYPRES:

AFF Level 3 : The student experienced a hard pull on the main ripcord and continued to attempt pulling the main until the CYPRES activated the reserve.

8. February 1998:

Schaffen, Germany

Because of a badly packed hand deploy the skydiver was not able to open the main. CYPRES activated resulting in an uneventful landing.

1. March 1998:

East Texas,

A skydiver with 40 jumps tried to pull his reserve while unstable, but he pulls on the housing and the cable, not on the handle. Only one of the two pins was pulled. CYPRES opens the reserve container through the cutting of the second loop.

29. March 1998:

Kassel, Germany

A skydiver with 50 jumps cant find his BOC throw out hand deploy. He tries to find it until CYPRES activates the reserve.

11. April 1998:

Cushing, US

Student CYPRES:

A skydiver with 38 jumps fails to pull the reserve handle far enough after a cutaway. After realizing this, she tried to pull again until the CYPRES fired.

19. April 1998:

Neustadt - Gleve, Germany

Tandem CYPRES:

Malfunction on the main canopy. The RSL is disconnected. The tandem master has to cut away. The pair becomes unstable, the TM tries to stabilize first before pulling the reserve The CYPRES activates the reserve in approx. 580m, resulting in an uneventful landing.

26. April 1998:

Batangas, Philippines:

CYPRES 2



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A skydiver with 20 jumps was unable to stop a flat spin until the CYPRES activated the reserve.

25. April 1998:

Köln, Germany

A skydiver with 120 jumps tries to pull her BOC mounted hand deploy. She loses time and altitude awareness and tries it until the CYPRES activates the reserve canopy.

4. May 1998:

Switzerland

Student CYPRES:

A student-status jumper with 40 jumps made successful PRCP's in the air but was not able to locate the handle at pull time. She tried, and then had a blackout and did nothing. The CYPRES deployed the reserve; landing without injuries

11. May 1998:

Chicago, US:

Until now the lowest known cutaway followed by a CYPRES activation. The reserve deployed just before landing. No canopy ride. A helmet helped to prevent serious injuries.

11. May 1998:

Moscow, Russia

A skydiver with 80 jumps tries too long to pull her BOC mounted hand deploy. The CYPRES activates the reserve.

15. Mai 1998:

Sweden

Student CYPRES

A student wanted to regain stability before pulling his main. He tried it until the CYPRES activated the reserve.

16. May 1998:

Europe

Student CYPRES:

A student lost stability and altitude awareness on his first free fall jump. The CYPRES saved him.

16. May 1998:

Lyon, France:

A skydiver is not able to locate either main or reserve handle. CYPRES opens his reserve.

16. May 1998:

Lyon, France

An experienced skydiver dislocated his shoulder in free fall. After several unsuccessful attempts to pull either main or reserve, he decided to go back in a stable position and waited for the CYPRES to fire.

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5.June 1998:

Lake Elsinore, USA

A skydiver with 1500 jumps tried to pull his reserve pad but found it too hard. He tried with two hands until the CYPRES cut the loop.

13.June 1998:

Vilar de Luz, Portugal

Student CYPRES:

A student with 15 jumps flipped on his back after exit and remained in this position until opening altitude. When he opened his main canopy, he experienced a horseshoe malfunction that didn't clear until the CYPRES fired and opened the reserve canopy.

3.July 1998:

Quebec, Canada

A skydiver with 320 jumps experienced a pilot chute in tow. He spent time trying to cut away, but before he pulled the reserve handle, the CYPRES initiated the reserve opening.

1.August 1998:

Higuerote, Venezuela

A 3 way formation lost altitude awareness. One skydiver wasn't able to open his main any more and was saved by his CYPRES.

8. August 1998:

Holzwickede, Germany

Student CYPRES:

A student thought that gaining stability is the most important part on a skydive. He exited in 1500 meters and was in a stable back to earth position, trying to get on his belly when his CYPRES fired.

12.August 1998:

La Ferte, France

Two free flyers lost altitude awareness. One of the jumpers had two different audible warning devices, but heard none of them.

Both reserves were activated by the CYPRES, there was no attempt to pull the main canopy. Both jumpers landed without injuries.

15.August 1998:

Quincy, USA

A skydiver with 54 jumps experienced a hard pull on her BOC throw out. She tried to pull her reserve, but pulled on the reserve cable housing instead of the handle. The CYPRES opened her reserve. Witnesses spoke from a 10 second canopy ride.

17. August 1998:

CYPRES 2



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Mendota, USA

Student Cypres:

A Student jumper with 30 jumps tries several times to locate his BOC . After he went unstable, he tried unsuccessfully the last time to find it and then pulls the cutaway handle. The CYPRES activated and the jumper landed with the reserve handle in his pocket.

22.August 1998:

Klatovy, Czech Republic

Student Cypres:

A skydiver with 45 jumps couldn't find his ROL hand deploy due to a bulky pullover. The jumper has also problems to pull the reserve handle. CYPRES opened the reserve container through loop cutting, resulting in safe landing

29.August 1998:

Virginia, USA

Student CYPRES:

A student just off AFF status failed to pull. Stability problems at pull altitude and the student attempted to regain stability until the CYPRES fired.

30.August 1998:

Meißenndorf, Germany

Student CYPRES:

A student lost altitude awareness because of steamed up goggles. He pulled his main after the CYPRES activated.

19.September 1998:

San Juan, Venezuela

Student CYPRES:

A student with 9 jumps was very unstable and spinning. He was not aware of his altitude. The CYPRES fired in approx. 750 feet and the reserve opened without problems.

3.October 1998:

Victoria Falls, Zimbabwe

Tandem CYPRES:

A Tandem master was not able to pull the reserve handle after a cutaway because of a bent reserve pin. He tried to pull the handle until the CYPRES cut the reserve loop.

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11. October 1998:

Le Luc, France

Mis-routing of the throw out bridle, the skydiver (75 jumps) cut away and didn't find the reserve handle at all. The CYPRES initiated the reserve opening.

10. November 1998:

USA

A skydiver with 550 jumps loses altitude awareness due to another jumper. The CYPRES activates the reserve in approx. 750 feet, resulting in a safe landing.

4. December 1998:

La Ferte, France

An experienced sky surfer had problems after performing the "invisible man" figure at the altitude of approx. 12-1300 meters. He cut away the board in 600 meters but had problems with stabilizing himself. As he saw the ground, he decided to go directly for the reserve handle, but it took him too long to locate it. The CYPRES activated the reserve, resulting in an uneventful landing.

28. December 1998:

Ampuriabrava, Spain

A 3 way head down skydive went low, resulting in one skydiver being under two canopies and another was still head down when his reserve was activated through CYPRES.

11. February 1999:

Raeford, NC, USA

Tandem CYPRES:

The tandem couple was in a flat spin, The TM "saw the cameraman pull. looked at altimeter, began pull sequence when CYPRES activated."

14. February 1999:

Sebastian, FL, USA

A skydiver with 1100 jumps experienced a line over malfunction. She cut away the main and then had a hard pull on the reserve. CYPRES cut the reserve loop and the reserve opened.

2. March 1999:

Baelen, Spain

Student CYPRES:

A student with 20 jumps didn't find his ripcord. he stopped acting at some point. The CYPRES opened the reserve.

6. March 1999:

Locarno, Switzerland

A non-retracted hand deploy produces a pilot chute in tow. The skydiver cuts away and then feels the opening of the main which is already disconnected. At this moment he takes his hand away from the reserve handle. He tries to find the handle again until the CYPRES activates the reserve.

8. March 1999:

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Illinois, USA

Student CYPRES:

1st jump, Static line (pilot chute assisted). The container opened, but the PC bridle got caught in approx. 4' of lines. The PC laid on the container until the CYPRES opened the reserve container.

13.March 1999:

Eloy,AZ, USA

A skydiver experienced a total malfunction due to a hard pull. She was jumping a soft reserve handle, which had folded underneath the harness. She couldn't get it out. "I struggled with it right up to the second my CYPRES deployed my reserve"

13.March 1999:

Hungary

Student CYPRES:

After an unstable exit, the student was entangled in a pair of risers. The canopy was turning violently and the student was unable to cutaway. The Student CYPRES activated in approx.300 meters. The reserve opened and took away the tension of the main canopy risers. This made it possible for the student to cutaway. he landed without injuries.

28.March.1999:

Elsinore, USA

A skydiver with 2000 jumps and 20 years in the sport was unable to pull the reserve handle after a cutaway. The CYPRES opened the reserve container.

April 1999

Eloy, AZ

After a collision on a 3- way free fly jump an unconscious skydiver is saved by his CYPRES.

17.April 1999:

Hüttenbusch, Germany

Student CYPRES :

A student exited in 2000m. At pull time, he started searching his ripcord until the CYPRES activated the reserve.

20.April 1999:

Schaffen, Belgium

A skydiver with 180 jumps made practice pulls on his hand deploy to train on a new system. Nevertheless, at pull time he isn't able to pull. He stops doing anything and falls until the CYPRES activates the reserve.

15.May 1999:

Caboolture, Australia

After a lazy pull on the BOC, the novice pulled the cutaway handle , threw it away and did nothing further until the CYPRES activated the reserve.

6.June 1999:

Klatovy, Czech Republik

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A Czech skydiver made his first jump with a through out hand deploy. He tried to locate and pull it until the CYPRES opened the reserve container.

7.July:

Moscow, Russia

On exit from a Mi 8 helicopter, a video man slips off the fuel tank and hits the wheel with his head. He loses consciousness immediately and free falls until the CYPRES opens the reserve. He remembers only the opening shock of the reserve, some line twists on the reserve and the ground coming closer. He recovered in hospital.

10. July 1999:

Trier, Germany

Student CYPRES:

A student is unstable from exit until CYPRES activation altitude.

17.July 1999:

Sauerland, Germany

Student CYPRES:

After an unstable exit, a static line student is entangled with his right arm in the rigging lines of the main canopy. The main canopy begins to spiral. At approx. 1000 ft, the Student CYPRES opens the reserve container. The round reserve deploys. This takes the tension from the main canopy and the student is able to free his arm and to cutaway the main. The landing under the reserve is uneventful.

19.July 1999:

Chambersburg, USA

Student CYPRES:

A level 5 AFF skydive went well until pull time. The student wasn't able to extract the main ripcord and fumbled with it. JM left to open her own main and student continued to try to pull the main ripcord until the CYPRES saved her life.

20.July 1999:

Locarno, Switzerland

A fresh- licensed jumper tried to find his BOC - hand deploy until the CYPRES fired.

11.July 1999:

Viterbo, Italy

Student CYPRES:

Static line jump: After exit, the canopy started fast left turns. The student did not perform any emergency procedures. The Student CYPRES activated in approx. 1000ft. and the reserve canopy opened. The landing was without injuries.

14.July 1999:

Stockholm, Sweden

Student CYPRES:

A student exits from 1500 meters. He was supposed to pull latest in 900 meters. He came into a flat spin and "forgot" to pull his main. He never tried to pull his reserve. The CYPRES fired at approx. 750 ft, saving the live of the student.

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16.July 1999:

Moscow, Russia

A skydiver with 182 jumps experienced a hard pull on her BOC hand deploy. She tried to solve this problem until the CYPRES fired. She had the same problem already one year ago (May 98) when she had approx.80 jumps. As on the jump in 1998, she was now saved the second time by the CYPRES.

25.July 1999:

Germany

Student CYPRES :

A student experienced a pilot chute in tow malfunction in 1200 meters and didn't do anything until the CYPRES fired.

29.July 1999:

Ampuriabrava, Spain

A skydiver with 60 jumps was jumping his older gear (without CYPRES) until two lines of the main broke. He then borrowed a rig from a friend.

This friend switched the CYPRES on before he gave the rig away. The skydiver didn't know that the borrowed rig had a CYPRES and that it was switched on. On the next jump, he experienced a hard pull. He tried to go for the reserve but he didn't find the handle because it was located a little bit higher than on his own rig. He kept trying to find the handle... and realised that he was going to die when he saw the houses coming nearer and nearer. A few seconds before impact, suddenly his reserve opened and he did not understand it at all because he didn't open it. He was able to pull the reserve away from the houses and landed safely in the water. One day later, he still could not believe the fact that he was still alive...

3. August 1999:

Taylorville, IL, USA

Student CYPRES :

First free fall jump : The student exits in 4000 feet and falls unstable and spinning until the CYPRES opens the reserve, definitely saving his life.

25.August 1999:

Argentina

Tandem CYPRES:

During a jump with a paraplegic passenger the tandem master was unable to reach the ripcords to open the main parachute due to an untight adjustment of the passenger harness. The CYPRES opened the reserve, the reserve ride was without further problems.

19.September 1999:

Walldorf, Germany

Student CYPRES:

A student was unstable and lost altitude awareness. He didn't pull any ripcord until the CYPRES activated the reserve.

20. September 1999:

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Skydive Bouquet, USA

Student CYPRES:

The student was on his 2nd free fall and went out of control. He never pulled any ripcord. The CYPRES opened the reserve.

25. September 1999:

Skydive Lake Tahoe, CA, USA

Quotation from the report: 1st jump at new DZ. Audible failed. Didn't check visible. Broke of at about 1200 ft, still unaware of altitude. CYPRES fired while I was tracking on my back. I saw my free bag coming out. I rolled away from it, then got slammed by my reserve. Normal landing.

September 1999:

Diventami Carolina, USA

2 way RW jump, break off altitude 4500 ft, deployment was planned at 4000 ft. It was a transition jump to a BOC. The jumper went almost head down as she tried to initiate the deployment. She stayed in free-fall until the CYPRES fired.

28. December 1999:

Bailen, Spain

Quotation from the activation report: „The parachutist didn't pull main or reserve and he was in head down position „ (as the CYPRES fired)

27. February 2000:

Malaysia

Exit altitude 8500 ft: The jumper tumbled on exit, recovered and remained stable all the way until the CYPRES activated the reserve .

27. February 2000:

Air Adventures , CA:, USA

Student CYPRES:

A static line student held on to plane as he left, putting him on back/ side. Lines came out and caught left leg. Continued entanglement until cutaway. No reserve handle pull until the CYPRES fired. RSL became disconnected, possibly during entanglement.

February 2000:

DeLand, USA

The jumper discovered that she couldn't deploy her main because of her shoulder. She started spinning, at some point her left shoulder also became dislocated and she was unable to pull her reserve handle. The CYPRES activated the reserve and the subsequent landing knocked her left shoulder back in it's socket. The hospital later confirmed that both shoulders had been dislocated.

5. March 2000:

Moorsele, Belgium

Student CYPRES :

Parachutist was in an unstable position and did not pull any ripcord until the reserve was opened by the CYPRES.

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16.April 2000:

Saulgau, Germany

A jumper was unable to pull her BOC because of a pulled muscle. She lost orientation and didn't pull the reserve handle. CYPRES activated the reserve at approx. 750 ft.

6.May 2000:

Eloy, AZ, USA

A low time jumper had a CYPRES firing after not being able to deploy her main. The BOC PC was still in its pouch after landing. The reason remained unclear.

10.June 2000:

Kassel, Germany:

A free flyer with 600 jumps forgot his audible, and didn't check his alti. His CYPRES fired while he was in head down position.

8.May 2000:

Australia

Tandem CYPRES:

Quotation from the report: Main deployed at 5000 ft with bag lock, TM reports that only one riser released which he cleared manually. Main released just prior to reserve deployment. CYPRES cut loop. I am attributing this as a CYPRES save. TM may have pulled with enough height to spare but it would have been close.

June 2000:

Paderborn, Germany

Student CYPRES:

During a military training camp, a student does not find the ripcord and tries to locate it until the CYPRES fired.

26June 2000:

Europe

Tandem CYPRES :

During a military training jump with passenger and luggage, the TM does not find either main release. He tries to locate them until the CYPRES opens the reserve container.

20.July 2000:

Alabama, USA

A jumper was working on head down and forgot to pull his main. The CYPRES fired at 750 ft.

3.August 2000:

Germany

A skydiver experiences a pilot chute in tow because of a wrong bridle routing. She pulls the cutaway handle, the CYPRES opens the reserve before she can complete her emergency procedures.

25.August 2000:

CYPRES 2



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Sweden

A skydiver has a spinning malfunction and cuts the main away. But she is not able to pull the reserve handle far enough to open her reserve. CYPRES cuts the loop.

January 2001:

Wichita, USA

The jumper reported that he had two dislocated shoulders after a mid air collision with another jumper. He was unable to pull either the main or reserve. The CYPRES did its job at 750 feet.

February 2001:

USA

The skydiver went to pull at 2000 AGL. Found P/C half way out of BOC, continued to attempt main P/C pull until reserve deployment.

It is stated by the jumper that heavy clothing /gloves were contributing distraction.

April 2001:

USA

Tandem CYPRES:

Tandem passenger got the pair close to a side spin. The instructor took a shot at throwing the drogue which entangled with his leg. The passenger then began searching for the ripcord. Due to the fact that pulling the ripcord would have made the problem worse, the TM kept the passenger from doing so. The passenger was wearing a baggy suit and this made the reserve ripcord hard to find. By the time the instructor got to the ripcord, the CYPRES did its job.

5. May 2001:

USA

The skydiver experienced a bridle and hand entanglement at 2000 ft. He attempts to clear the bridle, then cuts away the main. He was going for his reserve handle as the CYPRES opened the reserve.

20. May 2001:

Japan

Student CYPRES:

An AFF Level 3 student becomes violently unstable at approx. 5500 feet. Both JM's try a recovery without success. The student did not pull the main. The CYPRES opened the reserve.

20. May 2001:

USA

Student CYPRES:

A skydiver with 25 jumps cuts away a spinning malfunction and does not pull the reserve. The CYPRES stops the free fall.

May 2001:

USA

Student CYPRES:

AFF Level III jump: At the lower end of the skydive, the student became very stiff and began a violent spin. The JM was unable to catch him. The CYPRES opened the reserve.

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June 2001 :

Netherlands

Tandem CYPRES:

Drogue Free fall normal. Due to a rigging error, the TM was unable to deploy the main. He tried without success to pull both release handles until the reserve was opened by the Tandem CYPRES.

7.July 2001:

Dieuze,France

A skydiver with 60 jumps separates at 4500 ft from a 2-way RW instruction jump. He reaches his hand deploy at 3500 ft, but without pulling it. His right arm stays closed to his body and he starts turning very quickly, and loses consciousness. The CYPRES opens the reserve. He is completely inactive under canopy. On the ground, the right shoulder was dislocated and swollen. He reported that he had a very strong pain in his right shoulder during the track which made it impossible to pull with the right hand. He has already had an operation on the shoulder after dislocating it previously.

22.July 2001:

Kunovice, Czech Republik

A video man cuts away a spinning malfunction and tumbles until the CYPRES fires.

23.July 2001:

USA California City

Student CYPRES :

Quotation from the activation report: Student had a problem to deploy BOC pilot chute. Start tumbling, went into a foetal position. Did not do any attempt to pull reserve ripcord. Falling on his back till CYPRES fired and reserve was open. Student turn into wind and flare for landing. No injury.

27.July 2001:

Kunovice, Czech Republic

A video man cuts away a malfunction, becomes unstable and tumbles until the CYPRES fires.

28.July 2001:

Ravenna, Italy

2 free flyers collide while separating from a 4 way free fly jump. One jumper is knocked unconscious and tumbled out of control until the CYPRES fired. He was unconscious until the DZ personnel revived him and he did not remember anything that had happened.

29.July 2001:

Kassel, Germany

Sunset load, 18 way : A skydiver with 1000 jumps has a collision at approx. 11000 ft before docking the formation. She falls unconscious on her back down to approx. 750 ft. until the CYPRES fires. Her reserve opens with line twists, but the reserve untwists without her input. She lands in a field and regains consciousness a few minutes later. She did not remember the free fall.

CYPRES 2



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2.August 2001:

Colorado, USA

Student CYPRES:

On an AFF Level 2 skydive, the student went foetal at pull time. As the main side JM was deploying the student, the students knee impacted the JM's face and knocked him unconscious. The JM fell head down and spinning until his CYPRES fired. Due to the high speed and the unsymmetrical opening, the reserve was loaded on one side and was heavily damaged. The resulting canopy gave him a short spiralling canopy ride. Fortunately he was jumping a larger reserve and there was enough left in size to slow his descent down to a survivable speed.

12.August 2001:

California, USA

Quotation from the report: „Manifested as a two-way for a free-fall head-down jump. Had a successful exit with partner holding onto my harness. After establishing eye contact and a mutual smile that indicated we felt stable, he let go of me. I maintained a head down position for a while. I looked at my altimeter when I recognized that I was no longer in head down position and saw 7,000'. I attempted to get into a head down position, while maintaining what appeared to be sufficient horizontal distance from him. In my next recall of this incident, I was on the ground with several fellow jumpers around me asking me numerous questions that didn't make sense.“

26.August 2001:

Kapwosin, USA

Student CYPRES:

A skydiver with A-license had a bag – lock and was unable to cut away. She was falling through the last thousand feet at near terminal speed in a lazy fatal position when the CYPRES fired. Luckily, the reserve pilot chute missed the bag- locked main and the reserve inflated quickly.

17.September 2001:

USA

quotation from the report: Student released by jump master, student started to spin. Jump master unable to catch student. Student did not pull.

10.October 2001:

Ampuriabrava, Spain

A skydiver got wrapped with his main pilot chute bridle. It was around his neck and he lost consciousness after a few seconds.

The CYPRES activated the reserve.

26.October 2001:

Ampuriabrava, Spain:

A skydiver chopped his main at approx. 1500 feet but did not find his reserve handle. The CYPRES activated his reserve and after a very short canopy ride, followed by a landing in a paddock. Later at night he called a friend (already drunk), and mentioned that the Germans produce two good things, Mercedes and CYPRES. (Thank you.)

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9.October 2001:

Austria

Tandem CYPRES:

The TM does a planned back loop with his passenger. He recovers quickly and the following free fall is stable. He pulls the first release at approx. 1800 ft - nothing happens, also the second release does not initiate the main opening. The TM decides to cutaway. He needs both hands to do it and need valuable time. As he is on the way to the reserve handle, the CYPRES fires. The reason for the total malfunction was that the drogue was still in the pouch. The TM thought that he had set the drogue, but it was not so.

15.October 2001:

Gera, Germany

Student CYPRES:

A student with 28 jumps remained in free fall until the CYPRES fired.

9.November 2001:

Europe

Tandem CYPRES:

After a planned back loop-exit, the tandem couple stabilized quickly. After stabilizing, the TM thought that he had set the drogue – but the drogue was still in the pouch. At 5000 ft, he pulled the release – nothing happened. The TM decided after a few seconds to cutaway and to go for the reserve. He had problems to pull the cutaway handle with one hand, therefore he reached with the left hand around the student to finally cutaway with both hands. He was on the way to the reserve handle as the CYPRES fired.

23.November 2001:

Orange, MA, USA

Quoted from the activation report: „2 line twists to a spiralling dive FAST FAST FAST HARD HARD cutaway, reserve ripcord not pulled.“

3.December 2001:

USA

Quotation of the activation report: „AFF student went out of control at pull altitude, continued to pull the harness. The CYPRES activated at 1000 ft AGL. No damage to equipment, no injury to AFF student. December 2001

12.December 2001:

USA

The skydiver had a main malfunction and successfully cut away, but was unable to locate his reserve handle. The CYPRES fired – deploying reserve. The opening altitude was quite low.

February 2002:

Australia

A jumper with 80+ jumps deployed the main canopy, had line- twists and elected to cutaway. The jumper said she gripped both handles of the cutaway pad and reserve handle and pulled the pad. On release she felt the sudden drop and thought she had done something wrong – she thought she had

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cutaway her reserve, even to the extent of trying to reach up and grab the canopy back. She thought all was lost, free falling in a stable position towards the ground from 2000 feet. She thought she had no options left and using her words, „I prepared myself to die“ The CYPRES fired and the reserve ride was approx. 7 seconds.

March 2002:

Australia

A jumper with 160 jumps opened with line twists and spinning on a 145 main. He put his his right hand on the cutaway pad and the left hand on the reserve handle. The cutaway seemed quite hard and and he took away his left hand from the reserve handle in anticipation of a hard (two-handed) cutaway pull. The cutaway pulled OK and he fell away unstable, back to earth and was unable to relocate the reserve handle. The CYPRES opened the reserve.

11.March 2002:

Sweden

Student CYPRES:

A student who made his third jump after graduation from the AFF program lost altitude awareness and didn't pull.

17.March 2002:

Austria

Tandem CYPRES:

The TM exited with a lightweight passenger and made some planned back loops. After the couple stabilized, the TM forgot to throw the drogue out (He thought he did) At pull time, the TM pulled the first release, then the second release – without effect because the drogue was still in the pouch. He did a cutaway – the CYPRES fired before he pulled the reserve handle.

15.April 2002:

England

A jumper with approx. 180 jumps has problems to extract the BOC pilot chute. She goes for the reserve, but is unable to peel the reserve pad of the Velcro. The CYPRES activated and she landed safely.

12.July 2002:

Höxter, Germany

A skydiver tried several times unsuccessfully to pull the reserve handle after a cutaway. The CYPRES fired and the reserve opened still in time.

2.August 2002:

Locarno, Switzerland

Student CYPRES:

A Student searched for his hand deploy until the CYPRES fired.

8.August 2002:

Germany

Student CYPRES:

A Student searched for his hand deploy until the CYPRES fired.

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12.August 2002:

Västeras, Sweden

Quotation from the activation report: „Not an aggressive pilot chute throw, bag lock occurred, fail to proper emergency procedure, just cut away, short entanglement on right fool with main canopy, unable to locate reserve ripcord, CYPRES fires at approx. 200 metres plus, saves jumpers life.“

21.August 2002:

California, USA

Tandem CYPRES:

Quotation from the activation report: „Unit worked properly. Tandem Master did not. Thank god for this unit ! “

14.September 2002:

USA, Semo

Student CYPRES:

12th jump of student, 2nd 10sec delay -went unstable and lost altitude awareness, did not pull anything. CYPRES fired as it should.

18.September 2002:

Austria

A jumper with 37 jumps experienced a hard pull on his BOC pilot chute. He was not stable and not aware of the altitude as the CYPRES fired.

28.September 2002:

Student CYPRES:

An advanced student takes by mistake a rig with BOC deployment instead of ripcord. At pull altitude, she had difficulties to find the handle. She went head low and tumbled until she found the handle. She pulled the handle but did not release it - she was not trained for the BOC. A few seconds after nothing happened, she lets the pilot chute go and immediately goes for the cutaway handle. The CYPRES fired while she was pulling the cutaway handle. She had just enough time to unstow the brakes, avoid obstacles and flare for landing.

29.September 2002:

Kiev, Ukraine

Student CYPRES:

quotation from the report: At 1000m parachutist tries to find ripcord, but unsuccessfully, then she went to unstable position. At 500m she relaxed (on her back) and started thinking “What are they thinking about me at the ground?“, about her mom (as she told me after landing) At 250 CYPRES fired and reserve opened. After inspection we found that ripcord was in place, easy to deploy, cutaway and reserve handles were in place, easy to use. Thank you for CYPRES.

20.October 2002

Indiana, USA

Student CYPRES:

„A static line student doing a 10 second delay failed to deploy“ The CYPRES opened the reserve.

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13.November 2002

USA

The jumper exited from 4500 feet doing a 10 sec. delay. Instructor and pilot watched the jumper do a 22 sec. delay. Both felt the CYPRES fired at or about 750 feet. The jumper was in a right spin at deployment, landed safely.

20.November2002

Spain, Gran Canaria

„When I tried to pull I did not get the pilot chute out of the pocket under my rig. I tried several times and lost control of altitude. I did the cut-away procedure and my CYPRES fired at the same moment in 1000 ft.“

29.November2002

USA, Houston: A low time jumper had an injury in free fall which incapacitated the right arm. He was unable to deploy the main pilot chute. Jumper apparently experienced a „hard pull“ on the reserve handle. The CYPRES opened the reserve container.

01.December 2002

USA

Student CYPRES:

The student, on a planned 10 sec. delay, was on his back after exit, then quickly got back to a belly to earth position. He then began a flat spin, and lost altitude awareness. The CYPRES activated the reserve. The canopy ride was very short, the steering lines were not released.

01.March 2003

Moscow, Russia

A Let 410 stalls on jump run at approx. 3.900m. The plane spins down fast and goes into a dive with over 500 km speed. As the tail of the plane rips off, four skydivers make it out of the plane. One skydiver is unconscious as his CYPRES fires. The reserve canopy pulls him out of the plane. Nine skydivers were lost in this crash.

16.March 2003

USA

„Jumper had not jumped in about 12 years until last summer. Went through retraining and was out on student gear. First jump this year, seemed very nervous. Left air plane stable, began to spin, did nothing until CYPRES fired, then put out the main – landed with 2 parachutes. Jumper wasn't able to explain exactly what happened. Was told to take up golf.“

13.April 2003

Germany

Student CYPRES:

AFF level 1: Unstable exit. One instructor has to release. Student and the remaining instructor get into a fast spin, laying on their back. The second instructor also releases to regain stability, but is unable to catch the still spinning student. The student didn't do anything until the CYPRES opened the reserve.

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19. April 2003

USA

„Took up a 250 lb tandem yesterday (first bad decision). No problem with the free fall and initial opening (5000 pull, 3400' in the saddle). Canopy had collapses right end cell, I flared to fix and then tended to the student who was complaining about pain of course. Canopy starts to turn and collapses again. I then looked for line knots or whatever was causing it. Finally noticed the top skin blown out on the tail of the right end cell. 2500' and I figured I had enough time so I decided to cutaway rather than land heavy passenger under damaged canopy. Took some time to get the lower connectors hooked up again, pulled cutaway handle at 2200'.

Immediately accelerated, also immediately noticed that the RSL was not doing anything, looked over my shoulder, no pilot chute, fumbled for my reserve handle, heard the flat-line on my Pro-Track dytter (1500') and the CYPRES fired pretty much the same time. Reserve opened fine, probably in the saddle at 1200'. Short canopy ride, landed short distance off DZ, no problems and no injuries.

Felt like a dick head. RSL (and whole rig) was checked and in order when I put it on, so not sure how RSL got disconnected. Others watching said they have never seen the RSL come undone on opening before. I have not seen that.

What did I learn? Do not take heavy passengers. Check canopy more closely. Make cutaway decisions higher up. Have your hands on both handles before cutting away.

12. May 2003

Germany

Student CYPRES:

On his 14th jump, a student experiences stability problems. He tries to fix them until the CYPRES fired.

24. May 2003

Gera Germany

After a normal free fall with separation in 1200 meters the skydiver attempts to pull his BOC pilot chute at approx. 900 meters, but does not find it. He decides to pull his cutaway handle. The first and only attempt to find the reserve handle is negative. At this moment the jumper decides to go into stable box – position and to wait for his CYPRES to activate. The skydiver was wearing camera and was filming the DZ hangar, which became bigger and bigger. 12 sec. canopy ride after CYPRES activation.

25. May 2003

USA, Kansas

A skydiver experienced a hard pull on his BOC pilot chute. Observers on the ground see that he is struggling to get the pilot chute out. He was falling de arched with legs very stiff and straight out, barrel rolling and also tumbling end over end. The CYPRES opened the reserve.

31. May 2003

Austria

Student CYPRES:

A student is making his 3rd jump with a throw out pilot chute. At opening altitude (1200 meters) he doesn't find the hand deploy. He pulls the cutaway handle but never the reserve handle. The CYPRES activated.

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28.June 2003

USA

AFF instructor was unable to reach student by 2000 feet. Student did not pull main or reserve parachute handles. CYPRES fired.

22.July 2003

Canada

Quotation from the report: „A first jump student rolled on exit and ended up with the pilot chute bridle wrapped around his body causing a pilot chute in tow. He spend most of the remaining skydive on his back, he cutaway the main but claims he could not find the reserve handle. The CYPRES fired and saved his butt.“

26.July 2003

Germany

Tandem CYPRES:

The TM set's the drogue after a normal exit. The drogue doesn't inflate, the free fall speed increases. The video man can't follow. The TM realizes that there is something wrong with the drogue, and decides to pull the release higher (at approx. 2200 meter). The TM waits a few seconds after the release pull, „nothing happened“. The TM pulls the cutaway handle. At this moment, observers on the ground see the disconnected main going off, at approx. 1700 Meters. The RSL is disconnected. The TM reported that he had difficulties to find the reserve handle and to remain stable. After some seconds, the Tandem CYPRES fires and cuts the loop. The reserve opens, the tandem couple is in the saddle at approx. 300 meters, they just make it back to the DZ. Currency of the TM : He has several hundred tandem jumps to his credit. But his last skydive was over a year ago, his last tandem jump was 1,5 years ago.

31.July 2003

Germany

A skydiver with 80 jumps in the past 3 years completely loses altitude awareness. He does not pull any handles. The CYPRES opens the reserve.

August 2003

USA

Tandem CYPRES:

Quotation from the TM: „Normal opening, unstowed brakes, right didn't. It hung up at the brake setting. The canopy began spinning to the right, consistent with one brake being stowed and one released. The TM handed left toggle line to the passenger and told him to hang onto it. The passenger let go the toggle. Tried to fix the stuck steering line, decided no way to fix main, went for cutaway handle was not there. Was looking inside of harness, not outboard. Tried to unpeel what he thought was the cutaway handle. The spin moved the cutaway handle back. Was thinking „this sucks, I'm gonna go in“. Pulled on the RSL/Aux reserve handle ball, trying to get more fabric out (didn't give up). Wasn't able to deploy the reserve by pulling on the ball (did disconnect the RSL). Went after green (reserve) handle. Got right hand on cutaway and tried to get left hand tried on cutaway also (couldn't reach with left hand), pulled the cutaway handle. Looked left can't see red handle. Thinking RSL will activate the reserve. Thinking, wow this is taking a long time. Reserve opened. Got the red handle (reserve) as parachute opened at about 180 feet, facing downwind. Downwind landing next to

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target, main landed in peas, 7 sec. reserve ride, catchers shaking.

TM's conclusions:

there is almost no recovery from a ZP elliptical with a line over or tension knots

no matter what the condition of the canopy, check the handles, preferably touch them. Look at handles before doing anything

Don't get complacent

Open higher first jump of the day and with any passenger over 200 pounds"

A little background info: 4 cutaways on tandems, 5'11" tall, 800 tandem jumps.

5. August 2003

France

A skydiver with 80 jumps experienced a pilot chute in tow. He did not take any actions until his CYPRES fired.

9. August 2003

Germany

An experienced skydiver dislocates his right shoulder in free fall. He thinks about his emergency procedures and comes to the conclusion that the CYPRES is his last chance. He made no attempts to pull the reserve with the left hand, the CYPRES works as designed.

Quote: "Ich habe 1995 mit dem Springen angefangen und bin jetzt fast 69 - also SOS (Skydiver Over Sixty). Seit meinem ersten Sprung benutze ich deinen Cypres. Inzwischen ist er mit mir rund tausendmal aus dem Flugzeug gefallen und hat mir auch das Leben gerettet. Das ist zwar schon eine Weile her, aber dennoch unvergesslich. Am 9. August 2003 hatte ich mir bei einem Fun-Sprung den Arm ausgekugelt und das zunächst gar nicht bemerkt. Selbst beim ersten Öffnungsversuch war mir nicht klar, warum ich mein Pullout nicht finde und auf den Rücken falle. Als das noch ein zweites Mal passierte, wurde ich stutzig. Da knallte es aber auch schon und war ziemlich grün unter mir. Die Landung war etwas hart aber herzlich. Seit dem singe ich das Lied vom braven Cypres. Ich hoffe, er wird mich noch einige Jahre begleiten.

Mit allerherzlichstem Dank für dieses vorzügliche Gerät und besten Wünschen für seine weltweite Verbreitung..."

31. August 2003

Germany

Student CYPRES

AFF level 1: Unstable exit, loss of one instructor, second instructor is turning with student and tries to pull the main canopy of the student, but the student prevented this by a firm grip to the instructors arm. At 600m, the instructor goes away from the student to open his own canopy. The student is saved by his CYPRES 2. This was the first official CYPRES 2 save.

September 2003

USA

Quotation from the report: „We were doing a three way freely drive. The jumper who was saved by your device was doing a two way coach dive with a up and coming free flyer and I was filming the jump. The dive was going very well, but around 5.000 ft I did a 360 and for whatever reason I did not stay vertical and tracked at a high rate of speed into my friend, rendering him unconscious. He fell back to earth until 750 ft where his CYPRES fired and reserve deployed. He regained consciousness before landing and had an uneventful landing in an open field.“

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September 2003:

USA

US military Jump from 13.000 ft, no pull, tumbling, reserve container loop cut by CYPRES, pilot chute hesitation, pilot chute towards the legs, pilot chute underneath the left arm, jumper bend forward in a head-down position, reserve canopy deployed.

That CYPRES had been to the maintenance in August 2002, than it had been on the shelf until this jump, which happened in September 2003

September 2003:

Ohio, USA

Jump from 14.000 ft. Nothing pulled, CYPRES did cut the loop, container opening very much delayed, container opened so low that jumper broke a bone on landing.

06. September 2003

USA

„On Saturday afternoon at Tullahoma Skydive Center in TN, I was on the westwind beech, a full load, sitting in the right seat next to the pilot. At around 2000 feet he called back for all sport jumpers to exit and he was going to land with the tandems. There was a seal that broke in the fuel line I think. Anyway, the left engine was going full speed, which meant a high speed low pass (we didn't know this till we got on the ground). I was last out behind the new guy who hadn't done his hop and pop yet, so I gave him 5 seconds before I got out. I attempted a poised exit, and immediately hit the vertical part of the tail with my temple. I plummeted to the ground unconscious. I woke hanging from a tree just above the ground with a guy asking me how to take my rig off. He ran from the local nearby WalMart parking lot. I had no idea what had happened. All I knew was that I was dizzy, and had no clue why. I vaguely remember looking up at my rig and seeing my reserve out. Lucky me... I was wearing my helmet, thank you SkySystems, which has a nice chip on the left temple. So, I have huge lump on my head..that hurts, but...I'M ALIVE!!! My ProTrack had me at 2600 exit altitude with opening at 500 feet, 16 seconds of free-fall. The best part about the whole story is that my CYPRES has been due its 8year, and I had planned on taking it out and sending it in to SSK last week...glad I didn't or I definitely would not be here today!“

13. September 2003

Germany

A skydiver with 56 jumps cuts away his main canopy after a malfunction. He is not able to locate his reserve handle. The CYPRES activates the reserve.

20. September 2003

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UK

Quotation from a report: A skydiver tracked towards formation and hit another skydiver on lower left leg with his head. The skydiver was then seen below formation in a back down position – CYPRES fired approx. 1.000 ft – he landed unconscious with reserve brakes in keepers and main pilot chute still in BOC. He regained consciousness a while later, was taken to hospital for observation and is now o.k.

4. October 2003

Germany

A skydiver experiences an opening hesitation due to a lazy pull of her throw out pilot chute. She cuts away the main, the main canopy disappears in that moment. She does not pull the reserve, CYPRES cuts the loop. She landed without injuries.

18. November 2003

Swakopmund, Namibia, Africa

A student skydiver with 13 jumps exits at 6000 feet. After approx. 7 seconds the student started spinning. He first wanted to regain stability before opening his main canopy. He didn't pull, the CYPRES opened the reserve. The student was on the ground after a very short canopy ride without any injuries.

March 2004

Singapore

Jumper was unconscious, CYPRES saved his life.

1. April 2004

USA

A very experienced skydiver (38 years in sport) had a mid air collision on a 10-way formation skydive. The skydiver was knocked unconscious and additionally his right arm was out of socket. The skydiver said he first wasn't aware of what had happened at 1000 feet and he was going for the reserve as his CYPRES fired. On top of that he had to avoid power lines and landed quite hard. He is a tough one and was jumping again 3 days later.

27. May 2004

Karlsborg, Sweden

A skydiver exits a plane which is still climbing and hits the stabiliser. The skydiver is immediately unconscious and free falls until the CYPRES fired. She woke up several minutes after the jump.

30. May 2004

Russia

Post AFF student, 3 week after AFF without jumps. 1.500 meters jump, non-stable position, try to stabilize, loose altitude control, CYPRES fire, high-speed reserve opened. He had been saved only by CYPRES. Thank you!

18. July 2004

USA

AFF student spinning out of control with altimeter stuck on 9000 feet. Did not attempt to pull.

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CYPRES opened the reserve.

7. August 2004

Rantoul, USA

Skydiver with 500+ jumps. Low cut-away. CYPRES opened reserve.

8. August 2004

Rantoul, USA

An experienced jumper (3000+) has a CYPRES fire / save when he had a total mal. According to the jumper, a funnel during the dive somehow pushed his main pilot chute handle into his pouch far enough to make extraction impossible. He tried to deploy his main, then grabbed his reserve, but put his thumb or one of his fingers through the space between the reserve cable housing and the point at which it was anchored to the harness. (This was a Dolphin, and there is a space between the cable housing and the place where it is anchored near the handle that you could stick your fingers through). He tried several times to deploy his reserve, but his fingers through the anchor prevented him from extracting the handle. He then looked, rearranged his hand and pulled again. His CYPRES fired before he was able to pull the handle. He landed without injury.

2. September 2004

Cross Keys, USA

2 jumpers were track diving together. Both lost altitude awareness. One had no AAD and one was equipped with a CYPRES. The CYPRES guy landed uneventfully under his reserve, the other one went in.

4. September 2004

South of Germany

Male skydiver, four years in sport. 355 skydives: Quote: "After main opening my lines were screwed up and the canopy turned. I cut away. Went unstable. That's why I couldn't grab my reserve handle."

12. September 2004

Poland

Student Cypres:

A student with 27 jumps tries to become stable, without success. The CYPRES opened the reserve.

19. September 2004

Poland

A skydiver with 53 jumps becomes unstable at pull time. No recovery, the CYPRES opened the reserve.

7. October 2004:

USA

An AFF instructor chases the student. deploys the students canopy and is knocked out. The CYPRES opens his reserve.

25. October 2004:

USA

„Two way free fly sit position, 1st glance @ altimeter. I was in the red, could not believe it. Looked @

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ground coming up, felt reserve deploy before I could pull left pad.“

31. January 2005

Zephyrhills, USA

A skydiver with 220 jumps arrives uncurrent at the DZ: Receives refresher training and a coach jump. Signed off as OK, and continued jumping over a week, did 31 jumps in 7 days. On jump # 31, the skydiver experiences a pilot chute in tow. He never pulled anything after that and rode the pilot chute in tow until the CYPRES fired.

4. February 2005

USA

AFF Level 1, student did never arch, was knee to chest. Jump masters tried to stabilize the student and attempted to pull – without success. Both jump masters save themselves, the CYPRES opens the reserve of the student.

13. February 2005

Mexico

A skydiver with 620 jumps collides with a fellow jumper on a track dive at 9500 feet, and is unconscious after that. The CYPRES 2 opens the reserve canopy. The skydiver lands still unconscious with a few scratches only.

14. May 2005

Europe

Free fall collision before the first point of a 16 way formation skydive. One skydiver is knocked unconscious at 10.000 feet, the CYPRES saved him.

17. May 2005

England

An A licensed parachutist with 20 jumps is spinning in free fall. The instructor stops the spin twice during the free fall. At pull time, the student does not react on pull signs – the CYPRES opened the reserve.

20. May 2005

Czech Republic

A jumper had his CYPRES fire at 750 feet AGL. The jumper had 65 jumps and was trying to get out of a flat spin, according to the jump master, when he lost altitude awareness and the CYPRES fired. He was wearing student gear and had a hard landing under the reserve but walked away.

14. June 2005

Costa Rica

Quote: “Hey there, Just wanted to send a word of sincere thanks. Cypres 2 saved my arse in a huge way. I was, unfortunately, the only survivor of a plane that crashed into the ocean off the coast of Costa Rica on June 2nd. After violent turbulence (a micro burst), we struggled to get the door open. I bailed and 3 seconds later my Cypres fired. Literally 1-2 seconds later the plane hit the water behind me. I landed safely in the water and, albeit 24 hours later and literally minutes from going under (I couldn't breathe any more due to dehydration), a boat picked me up. I'm sorry to say that

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although 2 other jumpers exited the plane, they and 3 others ultimately perished in the incident. Nonetheless, thanks for your part in saving my life. I'll never fly without a CYPRES again."

30. August, 2005

Germany

Due to a packing error, the skydiver experienced a pilot chute in tow. He was unable to locate the handles. From a certain point on, he just waited for the Cypres. The Cypres did its job.

18. September 2005

USA

Student CYPRES:

A student tried to get in a stable position before pulling, went low and Cypres fired.

16. November, 2005

USA

Student Cypres:

A student exited from 5400 feet AGL -he did seven 90° turns, but did not pull. The Cypres initiated the reserve opening.

24. December, 2005

Spain

Collision on a 6 – way tracking dive. A skydiver is unconscious after the collision – the Cypres initiates the reserve opening. He lands still unconscious in a tree.

2. January, 2006

Australia

Quote: "Dear team, On the 31 12 05 I did a bird man jump with 2 other people. At about 6000 feet I was knocked unconscious in a collision with one of the others. I awoke on the ground with my reserve around me, my cypress did its job. Thank you on behalf of myself, my family and friends. Wishing you a happy New Year for 2006! "

26. January, 2006

Raglan, New Zealand

Quote: "2nd jump on my new rig. Deployed at 3000ft, waited, looked over my shoulder to check pilot chute inflated okay. Reached behind, felt bottom of container to feel if container flaps open. No. I knew CYPRES was going to fire any second, so waited. Cause of incident: bridle incorrectly routed. Lack of familiarity after 15 years of using racer elite rig."

19. March, 2006

Hohenems, Austria

After an uneventful freefall a skydiver was unable to reach his hand deploy due to a not fitting harness. He tried too long. When he finally turned to his reserve handle CYPRES had already activated.

May, 2006

Belgium

Quote: "I exited at 5000ft. After a delay of 2000ft I was having problems with my main canopy. It was

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twisted and I threw it away. I was falling unstable and could not reach the opening system of my reserve canopy. The CYPRES fired and I could make a soft landing.”

27.May, 2006

Indiana, USA

After exiting the aircraft at 14,000 ft AGL.. A jumper collided (head first) into another jumper at a high rate of speed. She was knocked unconscious and the CYPRES saved her life.

04. July, 2006

Europe

A military jumper jumping with a rucksack which came loose on one side during freefall. He tried to get hold of it all the way down. CYPRES fired at 1000ft and he landed safely.

10.September, 2006

USA

5000' ft AGL breakoff, jumper was seen tumbling. No ground witness saw anything after that.

It is our belief that she wore gloves for the first time and could not locate the main deployment handle and lost altitude awareness.

The gear was a rental and she was not used to it.

17. September, 2006

Ireland

Student CYPRES

Student went unstable at pull time and remained so for the rest of the freefall. After CYPRES activated he landed in trees but walked away unhurt and is very happy to be alive. On the debrief he mentioned that he was trying to get stable before pulling the main.

15. October, 2006

Jonesville, USA

Quote: “According to witnesses – he went unstable as he reached for the throw out (has a history of unexplained instability), lost track of altitude. No handles were pulled – a complete CYPRES save.”

17. or 18. December, 2006

USA

Skydiver was participating in a hybrid jump, he was part of the base with free flyers hanging on him. When the hangers did their thing, his leg strap was loosened a lot. At pull time he could not reach / locate his BOC Pilote chute. He rolled over on his back, thinking it would be easier to get the handle. He still could not locate it and as he flipped back to his belly, his CYPRES fired. He said that he heard his third beep from his audible going off.

22. December, 2006

Auckland, New Zealand

Skydiver was participating in a 6 way tracking jump. At about 7000ft he was involved in a mid air collision and knocked unconscious. His CYPRES fired and his reserve canopy transported him – still unconscious - safely to the ground.

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June, 2007

Kassel, Germany

Skydiver cut away his spinning main canopy and was looking for his reserve pad which was folded under his main lift web as his CYPRES fired. He landed unhurt.

04. or 05. August, 2007

England

A staff member competing in a 4 way FS event had his cutaway pad kicked off in a rough docking with another team members foot. It came out completely. On deploying his main parachute it cutaway immediately. It took him some time to realise what had happened as he thought he had a total malfunction. When he came to cutaway he started looking for his cutaway pad and reserve handle. He took so long looking for his cutaway pad that he lost track of time and altitude. As he eventually pulled his reserve, his CYPRES had already fired.

August, 2007

Denmark

Quote: "We had a clean CYPRES save last saturday, when a student of mine on her jump no 31 on a long spot forgot all about height busy looking for the airport. Luckily your CYPRES and my reserve pack job worked as expected and we still have her among the alive people."

10. September, 2007

Austria

Tandem CYPRES

Tandem master never set drogue due to instability. Highspeed CYPRES activation, followed by a good landing on the landing zone. Both walked away uninjured.