

## 2018 CSPA Safety Management System | Système de gestion de la sécurité 2018

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### Tandem AIM Reports | Les rapports AID tandem

Accident / Incident/Malfunction	Trend	Cause	Proposed Corrective Action	Action Initiated by:
Accident	Exit	Passenger dislocated shoulder. Transported to hospital.	Review passengers completed waiver for noted pre-existing conditions. Ask passengers if they have previous medical conditions during registration. In addition, have passengers demonstrate the ability to move into the freefall position during ground training.	Manifest, Tandem Instructors
Accident	Deployment	Hard opening. Passenger complained of a sore neck. Left with family.	Ensure importance of proper body position is practiced and reviewed in ground training.	Tandem Instructors
Accident	Deployment	Extremely rough opening followed by immediate line twists. Landed safely under main canopy. Instructor complained of rib pain. Unknown if injuries sustained.	Ensure importance of proper body position is practiced and reviewed in ground training. Stop any turns prior to deploying the main canopy.	Tandem Instructors
Accident	Landing	On main opening, tandem passenger experienced leg pain from harness. Everything was done to make passenger more comfortable. Practice landings were practiced 3 times above 3000 feet. Passenger was advised to get feet up to ensure they did not touch the ground first. On landing, passenger's legs opened and the slide of the landing extended legs past comfortable extension. Pressure of the landing was felt in the groin of the passenger. No medical treatment was required/sought and the tandem passenger walked away.	Ensure tandem harness is fitted correctly on passenger. Advise passengers of potential hazards from not fully lifting legs, in advance of jump. Have passenger demonstrate prior to jump and ensure proper technique. If unable to demonstrate the ability to lift legs, do not take on jump. Technique should also be practiced under canopy prior to 1500 feet.	Tandem Instructors
Accident	Landing	Passenger failed to lift feet during landing, even though practiced at higher altitudes. Left leg rolled under and was sat on. Complained of pain. Checked by onsite EMR and released without incident.	Advise passengers of potential hazards from not fully lifting legs, in advance of jump. Have passenger demonstrate prior to jump and ensure proper technique. If unable to demonstrate the ability to lift legs do not take on jump. Technique should also be practiced under canopy prior to 1500 feet.	Tandem Instructors

Accident	Landing	Passenger was having difficulty raising legs under canopy. Upon landing passenger was only able to lift legs 1/2 of total height required even with assistance from the instructor. Result from not fully lifting legs was a left dislocated ankle sustained by the passenger.	Advise passengers of potential hazards from not fully lifting legs, in advance of jump. Have passenger demonstrate prior to jump and ensure proper technique, if unable to demonstrate the ability to lift legs do not take on jump. Technique should also be practiced under canopy prior to 1500 feet.	Tandem Instructors
Accident	Landing	Tandem instructor injured ankle on landing. Transported to hospital. Passenger not injured.	Ensure Tandem Instructors are aware of any trouble spots on the DZ prior to jumping.	Tandem Instructors
Accident	Landing	Tandem instructor fractured hand on landing. Transported to hospital. Passenger not injured.	Ensure wrists are pushed forward and not dragged on landing.	Tandem Instructors
Accident	Landing	Tandem passenger unable to lift legs on landing. Fractured lower leg.	Advise passengers of potential hazards from not fully lifting legs, in advance of jump. Have passenger demonstrate prior to jump and ensure proper technique. If unable to demonstrate the ability to lift legs do not take on jump. Technique should also be practiced under canopy prior to 1500 feet.	Tandem Instructors
Accident	Landing	Tandem passenger unable to lift legs on landing. Fractured lower leg.	Advise passengers of potential hazards from not fully lifting legs, in advance of jump. Have passenger demonstrate prior to jump and ensure proper technique. If unable to demonstrate the ability to lift legs do not take on jump. Technique should also be practiced under canopy prior to 1500 feet.	Tandem Instructors
Accident	Landing	Tandem passenger unable to lift legs, regardless of practice attempts under canopy well performed. Sustained injury to left ankle.	Advise passengers of potential hazards from not fully lifting legs, in advance of jump. Have passenger demonstrate prior to jump and ensure proper technique, if unable to demonstrate the ability to lift legs do not take on jump. Technique should also be practiced under canopy prior to 1500 feet.	Tandem Instructors
Accident	Landing	Tandem passenger was unable to lift legs on landing. Sustained injuries to hips upon landing.	Advise passengers of potential hazards from not fully lifting legs, in advance of jump. Have passenger demonstrate prior to jump and ensure proper technique, if unable to demonstrate the ability to lift legs do not take on jump. Technique should also be practiced under canopy prior to 1500 feet.	Tandem Instructors

Accident	Landing	Tandem Instructor was on final approach in moderate to strong winds and he started his flare at what looked like 10' off the ground. It then looked like the tandem fell straight down out of the sky. The Tandem Instructor extended his legs to take the impact of the fall and protect the passenger. The passenger had her legs up in the normal tandem landing position. An ambulance was called and both Tandem Instructor and passenger were transported to the hospital. The Tandem Instructor sustained 5 broken metatarsal bones, a cuboid bone, 2 cuneiform bones and a fracture to the tibia. The passenger suffered a compression injury of the L1.	When using the sink serge approach, if initiated too early the canopy can, without input from the TI, change its flight characteristics and cause the falling sensation or lack of lift. Ensure flare is carried out at correct altitude.	Tandem Instructors
Incident	Canopy	After canopy opened, passenger went fully unresponsive within 20 seconds. Multiple attempts to wake passenger up with trap squeeze. Remained unresponsive throughout the entire canopy flight. Assisted passenger with lifting his legs upon landing. Slightly rough landing although no other injuries were sustained by the passenger. Upon landing, passenger slowly regained responsiveness and was aware what happened. No other injuries were sustained to passenger or TI from incident.	Review waiver to ensure no pre-existing medical conditions exist. Ensure proper fitting of tandem harness on passenger.	Tandem Instructors, Manifest
Malfunction	Deployment	Line over upon opening. Performed EPs and landed safely under reserve.	Review of packing procedures.	Tandem Instructors, Packers
Malfunction	Deployment	Line twists. Performed EPs and landed safely.	Stop any turns prior to deploying the main canopy. Ensure proper body position is practiced and reviewed in ground training.	Tandem Instructors
Malfunction	Deployment	Upon opening, the right riser broke away from the tandem rig, RSL deployed the reserve parachute. Upon investigation, the 3rings were pushed forward and bent under. Issue was not corrected at time of packing. Opening shock was enough to cut the loop on the riser causing the breakaway.	More care must be taken during packing procedure to correct the 3rings. Tandem Instructors should also do more thorough gear checks.	Packers, Riggers, Tandem Instructors
Malfunction	Deployment	Line twists. Performed EPs and landed safely.	Stop any turns prior to deploying the main canopy. Ensure proper body position is practiced and reviewed in ground training.	Tandem Instructors
Malfunction	Deployment	Line twists. Performed EPs and landed safely.	Stop any turns prior to deploying the main canopy. Ensure proper body position is practiced and reviewed in ground training.	Tandem Instructors
Malfunction	Deployment	Line twists. Performed EPs and landed safely.	Stop any turns prior to deploying the main canopy. Ensure proper body position is practiced and reviewed in ground training.	Tandem Instructors

## Student AIM Reports | Les rapports AID étudiant

Accident / Incident/Malfunction	Trend	Cause	Proposed Corrective Action	Action Initiated by:
Accident	Exit	Student jumped out and up and hit the tail of the aircraft. Student fell for about 15 seconds then deployed main parachute. Taken to hospital for check.	Review and practice exit procedures thoroughly in ground training and jump plan.	JM, SSI, PFFI
Accident	Exit	Student sustained a dislocation shoulder during freefall. Landed safely.	Ask student if they have previous medical conditions. Review completed waiver for pre-existing medical conditions.	JM, SSI, PFFI, Manifest
Accident	Exit	Student dislocated shoulder while attempting to perform a hanging exit. Feet were still on step. Student was short-lined after being unable to grip the strut. Student landed safely with partial flare. Upon investigation, learned of two previous shoulder dislocations that were not disclosed.	Review completed waiver for pre-existing medical conditions. More direct questions to the student regarding shoulder injuries rather than having it obscured within the "musculoskeletal" section of the waiver could have brought this issue to light before the jump. The student should be made aware of the ramifications of shoulder issues in this sport.	JM, SSI, PFFI, Manifest
Accident	Deployment	Hard opening. Minor injury to left shoulder. Landed okay.	Review and practice of body position during deployment in ground training.	JM, SSI, PFFI
Accident	Deployment	Hard opening, pinched nerve. Student left the DZ without medical attention.	Review and practice of body position during deployment in ground training.	JM, SSI, PFFI
Accident	Deployment	Student got arm entangled in lines on opening. Sustained injuries to arm which resulted in a difficult landing.	Review and practice of body position during deployment in ground training.	JM, SSI, PFFI
Accident	Landing	Student started the downwind portion of his landing circuit at too low of an altitude (about 300 ft) then made a low turn in an effort to recover from the wind. Hard landing with lamp post injuring left femur.	Reinforce the importance of listening to radio commands, review landing patterns and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	The student looked at his canopy, lightly braked in spite of the commands of the Instructor. Later, he braked on command from the Instructor but very lightly and raised his hands instantly when he touched the ground causing a hard landing. A paramedic skydiver and a tandem instructor went to evaluate the damage. Broken ankle. The ambulance arrived about 5-10 minutes after being called.	Reinforce the importance of listening to radio commands, review landing patterns and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI

Accident	Landing	Student did one turn too many and landed off dropzone. He did a good circuit, although when he braked, he started a little late (20-30'), so I intervened to tell him, "Wait and stay there(at the good height) continue your braking until the bottom." We lost sight and I went to get the first aid kit and went to get him. The closer I got, the more he was limping. Once inside, he was given ice to apply on his left ankle.	Reinforce the importance of listening to radio commands, review landing patterns and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	During landing pattern, wind decreased significantly and student turned onto base leg too early. This caused the student to land on final approach on the taxiway and get road rash on thigh.	Review landing patterns and how to adjust for wind strength. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Student didn't do a full flare. Sprained/twisted ankle, drove himself to hospital.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Student flared too high, raised toggles then flared again. Landed harder than normal. Fractured tibia. Transported to hospital.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Student flared too low, regardless of good practice flares. Transported to hospital with lower leg injury.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Student passed out under canopy, woke up after impacting the ground. Recommended to seek medical attention.	Review waiver to ensure no pre-existing medical conditions exist. Ensure proper fitting of gear.	JM, SSI, PFFI, Manifest
Accident	Landing	Student flared too low, regardless of good practice flares. Transported to hospital with back injury.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Student flared too low, regardless of good practice flares. Transported to hospital.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	On final, student collided with power lines. Parachute collapsed, student had hard landing. Refused medical treatment.	All GCIs briefed to instruct students to stay over the air field away from power lines. Emphasizing patterns during FJC. In addition, review obstacle avoidance drills and canopy control skills.	GCI, JM, SSI, PFFI
Accident	Landing	On landing, student landed on one leg first. Sustained broken fibula.	Reinforce the importance of proper landing techniques.	GCI, JM, SSI, PFFI

Accident	Landing	On final, student had hands in a half flare position and suffered a hard landing. Sustained broken tibia.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	On final, student didn't follow radio commands. Landed hard on knees.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	On final, student didn't follow radio commands. Partial flare and resulted in broken foot.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Jumper landed off in corn field, suffered heat exhaustion from walking back. Student then suffered a seizure. EMS was called and jumper taken to hospital.	Review of waiver of any pre-existing medical conditions. Review of landing procedures and accuracy skills. Review of dropzone operating procedures for off dropzone landings. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI, Manifest, DZO
Accident	Landing	On radio assisted landing, student flared late causing the right elbow to impact the ground.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	On landing, student was facing the wind and did not see the ditch. Landed and injured his back.	A ditch is a major obstacle and it is mentioned in student briefings. GCI to put more emphasis on the importance of changing landing pattern to reinforce this. Jumpers should walk the landing area to become familiar with all obstacles on the ground and in the immediate area.	GCI, JM, SSI, PFFI
Accident	Landing	Flared low and landed on butt and sustained pain in back. Walked in from field, took Advil and used ice.	Reinforce the importance of listening to radio commands and flaring technique. In addition to PLF techniques. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Student didn't do a full flare. Unknown if injuries were sustained.	Reinforce the importance of listening to radio commands and flaring technique. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI
Accident	Landing	Poor body position during landing. Legs were forward, sustained lower leg fracture, regardless of the good flare & timing.	Reinforce the importance of flaring & PLF techniques.	GCI, JM, SSI, PFFI

Incident	Exit	Student had difficulty climbing out onto strut and had a poor grip in the hanging position. Student would not look at me (JM) to get the "GO" command so I attempted to get in her field of view to get her attention. The student then fell off of the strut and I began to short-line her, but then realized she was exiting stable and placed the pilot chute in the airstream. This moment hesitation holding onto the pilot chute allowed the bridle to be slightly in front of the student's hand and she reflexively grabbed it. The student held onto the bridle for 2 seconds before releasing it. The pin had popped and the bag was floating just above her back. Upon releasing the bridle, the canopy deployed normally.	When short-lining an IAD student, you must commit to it. The fraction of a second hesitation holding onto the pilot chute before placing it in this scenario put the bridle in a vulnerable position where the student could grab it or where it could wrap around the arm. Review and practice exit procedures.	JM, SSI
Incident	Deployment	AAD fired after multiple pull attempts and bridle wrapped around body, resulting in head down spin and both instructors being thrown off. Student landed safely under reserve.	Reinforce and practice emergency procedures. In addition, review of air awareness skills and responsibility to maintain altitude awareness at all times by student and instructors.	JM, SSI, PFFI
Incident	Deployment	AAD fired. Landed safely under reserve.	Reinforce and practice emergency procedures. In addition, review of air awareness skills and responsibility to maintain altitude awareness at all times by student.	JM, SSI, PFFI
Incident	Deployment	Hard opening, two canopies out. Jumper landed safely under both canopies.	Ensure review and practice of proper body position prior to opening of canopy. Review of emergency procedures and two canopy out procedures.	JM, SSI, PFFI
Incident	Deployment	After attempting wave, both canopies deployed into a side by side orientation. Student cutaway the main canopy and landed safely under reserve. Upon investigation, AAD had activated.	Reinforce and practice emergency procedures. In addition, review of air awareness skills and responsibility to maintain altitude awareness at all times by student.	JM, SSI, PFFI
Incident	Landing	The student went into his base leg on a left hand pattern a bit too early. The PFF instructor indicated to him to make a correction so that his down wind could be longer. The student went too far into his down wind and when he turned into base, he was passed the power lines. When in final, the winds got a little stronger but he managed to cross the power lines and as he flared he bumped into the power line pole behind him. The student was touching the ground, but his canopy was wrapped mostly around the pole- and not the power lines themselves. The PFF instructor went over to see him and instructed him to release the RSL and pull the cutaway handle so that he could be free of the canopy. The student walked away with no injuries and Hydro QC untangled the parachute.	Follow the landing pattern recommended by the ground control instructor at all times. Never cross the power lines during a landing pattern, right or left. While in higher winds, make so that the landing pattern, right or left, is made in the way that the students are as far away as possible from the power lines. Review procedures and techniques with GCI to ensure accurate coaching and currency.	GCI, JM, SSI, PFFI

Incident	Landing	The student's altimeter seemed badly adjusted. Under canopy, the student panicked and landed in the woods. No injuries.	Review landing patterns. Educate students on the importance of gear checks prior to boarding the aircraft.	GCI, JM, SSI, PFFI
Malfunction	Deployment	Line twists. Performed EPs.	Ensure review and practice of proper body position in ground training and jump plan.	JM, SSI, PFFI
Malfunction	Deployment	Line twists. Performed EPs.	Ensure review and practice of proper body position in ground training and jump plan.	JM, SSI, PFFI



## Experienced AIM Reports | Les rapports AID des parachutistes d'expérience

Accident / Incident/Malfunction	Trend	Cause	Proposed Corrective Action	Action Initiated by:
Accident	Landing	Jumper was on his base leg in the pattern a bit lower for a regular pattern, for his last 90 degree turn, seemed to attempt a high performance approach. The jumper appeared to be a bit lower on his turn, but it appeared to be recoverable. Jumper applied minimum input on his flare, although he was leveled under his parachute his incomplete flare wasn't enough to stop his descent. The jumper hit the ground with his legs first, because of his momentum and forward speed, jumper did a front flip hitting his head against the ground as he was going over, lastly landing face down. Jumper injuries were broken right femur and fracture spine at c5 and c6.	It is very important for any jumper, and especially at the beginning of the season, that if they find themselves in a low altitude to perform a high performance approach or any turns, it is important to know when to abort the turn or that type of landing if there isn't enough altitude to finish either maneuver safely, or bail if the turn has been initiated with an aggressive flare.	C2, Jumper
Accident	Landing	Possible sprained ankle. Turned at 500 feet using fronts and harness. Went to hold rears but fumbled left rear rather than going straight to toggles. Tried to regain rear realizing too late that I was low. Impacted at half brakes with right foot. Second jump at new dropzone with large change elevation, didn't adjust turn enough.	Review elevations at new DZs and ensure enough altitude to perform turns. In addition, jumper should conduct safe and controlled parachute descents until familiar with canopy response times in new environment conditions.	C2, Jumper
Accident	Landing	Sprained ankle on attempted high performance landing at new DZ.	Review elevations at new DZs and ensure enough altitude to perform turns. In addition, jumper should conduct safe and controlled parachute descents until familiar with canopy response times in new environment conditions.	C2, Jumper
Accident	Landing	Ankle injury on landing during a possible down draft/turbulence.	Be more vigilant on windy days. Review landings in unsteady winds.	C2, Jumper
Accident	Landing	On landing, the jumper did a normal landing pattern, however, there were some crosswinds. The jumper landed on his feet but complained of ankle pain. He was taken to hospital.	Review landing patterns and flaring techniques.	C2, Jumper
Accident	Landing	After what appeared to be a normal landing, jumper experienced pain in his knee. Was told to seek medical attention.	Review landing patterns and flaring techniques.	C2, Jumper
Accident	Landing	Novice turned downwind at 100 feet, corrected with low turn as flaring into the wind. Hard landing on left ankle. Went to hospital for check up.	Review landing patterns and flaring techniques.	C2, Jumper
Accident	Landing	Novice was fixated on target and waited too long to turn into crosswind. Ended up close to and fixated on fuel truck and almost hit it. Flare was uneven and landed awkwardly on ankle.	Review landing patterns and flaring techniques as well as obstacle avoidance.	C2, Jumper

Accident	Landing	Recurrency jump. Student flared half way, landed on bum. Transported to hospital.	Review landing patterns and flaring techniques.	C2, Jumper
Accident	Landing	Forgot to flare, landed hard and sustained fractured lumbar.	Review flaring techniques and PLF. Review importance of jumper readiness prior to boarding aircraft including but limited to potential mental and emotional distractions.	C2, Jumper
Accident	Landing	On landing, wind conditions were turbulent. Flared accordingly but canopy response was impeded by turbulence. Landed on right hand and sustained injuries to thumb.	Review flaring techniques and the importance of keeping hands in front during flare.	C2, Jumper
Accident	Landing	Landed in a soy field and tripped on landing sustaining an ankle injury.	Review landing patterns and procedures and flare procedures.	C2, Jumper
Accident	Landing	During landing, attention was on a student who was landing under reserve. Flared low and landed on butt.	Reminded that instructor's landing is more important at the time. In addition, review importance of situational awareness during landing.	DZ Safety Officer
Accident	Landing	Low turn on set up for an off DZ landing, decided to land downwind. Sustained broken femur after hitting fence.	Review downsizing requirements in the Sport Canopy Endorsement Manual and landing patterns. In addition, jumper should review importance of altitude awareness and changes to landing area.	C2, Jumper
Accident	Landing	Final approach over short trees and bushes, downwind of the landing area. Short final, jumper likely caught turbulence of the trees. Sustained broken femur and shoulder injury.	Review landing patterns and procedures and flare procedures.	C2, Jumper
Accident	Landing	Jumper made a 90 degree turn to avoid a collision with two jumpers who didn't do the proper landing pattern. Didn't have time to complete a full flare.	Reinforce the importance of flat turns. Reinforce the importance of landing direction/patterns with other jumpers.	C2, Jumper
Accident	Landing	Jumper flared low, sustained lower leg injury.	Review landing patterns and flaring techniques.	C2, Jumper
Incident	Deployment	While tracking, jumpers helmet came off and landed on a vehicle, damaging the windshield.	Ensure gear inspection is done regularly and conduct gear checks before boarding aircraft. Ensure all equipment properly secured before exiting aircraft.	Jumper
Incident	Deployment	Loss of altitude awareness, deployed two late. Too canopies out. Landed safely on DZ.	Make sure to have a functioning altimeter and a recommended audible altimeter. Become aware of internal clock. Ensure gear inspections are done prior to boarding the aircraft. Importance of educating on altitude awareness as the jumpers responsibility.	Jumper
Incident	Deployment	Wingsuit jump, main and reserve deployed simultaneously. During downplane, main was cutaway. Landed safely under reserve. No AAD fire. Most likely cause of activation is the tail of the reserve handle getting caught in the Velcro and causing tension during arching movement.	Reminded of gear checks. In addition, ensure no snag hazards reserve and cut away handles. Review of appropriate procedures for wingsuit deployments.	Jumper

Incident	Deployment	Reserve pin released upon main deployment. Reserve deployed into main canopy. Jumper recovered from downplane but could not get the canopies separated enough for cutaway. After barely avoiding powerlines, jumper landed in a down plane. PLFD and sustained no injuries.	Reminded of gear checks and review two-out procedures.	C2, Jumper
Incident	Landing	Was coming in for landing at approximately 50 feet I was lifted about 20 feet (wind?) twisted 180 degrees and then hit the ground on my side. Don't recall flaring.	Be aware of unusual environmental conditions that can occur at the landing zone.	C2, Jumper
Incident	Landing	Wingsuit jump, pilot chute in tow. Result was two canopies out. Jumper did not release the main during the downplane. Landed in the trees. No injuries.	Decrease the burble before opening, complete emergency procedures and release main canopy during downplane.	Jumper
Incident	Landing	Winds changed direction after take-off. Jumper misjudged landing pattern and landed downwind on the runway, in a low harness turn with little flare from canopy. Unknown if injuries were sustained.	Prepare higher up for changing landing patterns and always be ready for an off DZ landing.	Jumper
Malfunction	Deployment	After reconnecting canopy, upon deployment, right riser was twisted, unable to locate toggle. Performed EP's.	More thorough canopy check upon installation and packing.	All Jumpers in consult with a Rigger
Malfunction	Deployment	Line twists. Performed EP's.	Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger
Malfunction	Deployment	Line over upon opening. Performed EPs and landed safely under reserve.	Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger
Malfunction	Deployment	Line twists. Performed EP's.	Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger
Malfunction	Deployment	Line twists. Performed EP's.	Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger
Malfunction	Deployment	Toggle fire. Line twists. Performed EPs.	Review packing procedures.	All Jumpers in consult with a Rigger
Malfunction	Deployment	Line twists. Performed EP's.	Switch to a non-elliptical canopy for wingsuiting. Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger and C2
Malfunction	Deployment	Toggle fire. Line twists. Performed EPs.	Review packing procedures.	All Jumpers in consult with a Rigger
Malfunction	Deployment	Line twists. Performed EP's.	Talk to jumper of importance of proper body position for wingsuit deployments. Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger and C2
Malfunction	Deployment	Line twists under wingsuit. Performed EP's.	Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger and C2
Malfunction	Deployment	Line over, followed by line twists. Performed EP's.	Review packing procedures and body position during deployment sequence.	All Jumpers in consult with a Rigger and C2

**Aircraft AIM Reports | Les rapports AID d'avion**

Accident / Incident/Malfunction	Trend	Cause	Proposed Corrective Action	Action Initiated by:
Accident	Landing	Passenger was on an observer ride in the aircraft and seated behind a skydiver. Passenger decided to exit and sustained leg injury on landing.	Briefing of aircraft safety with all passengers should be conducted.	DZO, Pilot, Manifest