

## Exit Phase (Before Drogue Fall)

### ***Bag out immediately on exit***

Deploy drogue, as main canopy deploys expect malfunction. If cannot deploy drogue, disconnect RSL shackle, pull cutaway handle, attempt release of main risers and pull reserve handle.

### ***Unstable on exit***

Have one good attempt to rectify student's position to gain stability. If unsuccessful, deploy drogue preferably in a face to earth position.

### ***Side spin***

Implement side spin recovery procedures. If unable to recover and left side down, deploy drogue. If right side down, pull reserve handle. It may still be advantageous to deploy drogue even if right side down.

### ***Unable to locate drogue***

Check drogue has not prematurely deployed, if not pull reserve handle.

### ***Unable to deploy drogue***

Two attempts to deploy drogue. If unsuccessful, immediately pull reserve handle.

### ***Drogue release handle pulled first***

Deploy drogue immediately.

### ***Student interference***

If student grabs left arm, attempt to free left arm, **if unable**, deploy drogue, consider releasing drogue at altitude. If student grabs right arm, attempt to free right arm, **if unable**, deploy reserve with left hand. If student grabs both arms, attempt to free arms and follow left or right arm procedure depending which has been freed first.

## Drogue Fall

### ***Drogue entanglement with videographer or skydiver***

Release RSL shackle, pull cutaway handle, pull right drogue release, attempt release of main risers, track away, pull reserve handle.

### ***Drogue does not inflate***

Big arch, to maintain stability, pull either drogue release handle after 6 to 8 seconds.

### ***Drogue detaches / breaks***

Immediately pull reserve handle.

### ***Cannot locate (Or Pull) left side drogue release handle***

Pull right side drogue release handle.

### ***Cannot locate (Or Pull) right side drogue release handle***

Pull left side drogue release handle.

### ***Unable to locate (Or Pull) either drogue release handles***

Immediately pull reserve handle. If left arm is incapacitated pull RSL upward to release Trulock pin, then outward to direct pull on reserve pin.

### ***Drogue bridle or drogue becomes entangled with instructor or student***

Have one attempt to clear, if unsuccessful immediately pull reserve handle.

### ***Left arm incapacitated by injury or by student***

Pull right side drogue release handle. If can't locate right side drogue release, with right hand immediately pull reserve, by pulling RSL upward to release Trulock pin, then outward to direct pull on reserve pin.

### ***Right arm incapacitated by injury or by student***

Pull left side drogue release handle, if can't locate left side drogue release handle, immediately pull reserve handle. If main malfunctions, free right hand, pull cutaway handle and pull reserve handle. If unable to free right hand, pull reserve handle.

### ***Container opens in drogue fall***

If main malfunctions, pull cutaway handle and pull reserve handle.

## Drogue release handle pulled

### ***Main Malfunctions***

Attempt to capture student by hooking legs, if time and altitude permit. Pull cutaway handle and then pull reserve handle.

### ***Main deployment bag lock malfunction***

Pull cutaway handle, attempt release of main risers, pull reserve handle.

### ***Inflated drogue does not release***

Pull both drogue releases at the same time. If an inflated drogue in tow, pull reserve handle.

### ***Deflated drogue does not release***

If a deflated drogue in tow, an open container, release RSL shackle, pull cutaway handle, attempt release of main risers, pull reserve handle.

### ***Drogue detaches / bridle breaks on drogue release pull***

If bag still in container, release RSL shackle, pull cutaway handle, attempt release of main risers, pull reserve handle.

### Suggested Aircraft Emergency Heights

*Below 1500ft* - Land with aircraft, unclip student, attach restraint, evacuate aircraft.  
*1500ft - 4000ft* - Leave on reserve or land with aircraft.  
*Above 4000ft* - Leave on main.

### Prior to Exit Phase

#### **Can't locate drogue prior to getting in the door**

Have one more attempt, if cannot locate the drogue, move away from the door, re-assess condition of the equipment, land with the aircraft.

#### **Student refuses in the door**

Move away from the door, re-assess students' condition, place on restraint if fitted, land with the aircraft. In some cases it may be restrictive to get back in and consideration must be given to the chances of causing a premature deployment of the reserve.

### Free Fall & Canopy Scenarios

#### **RSL seen to be disconnected in free fall**

Do not attempt to reconnect, be aware on main deployment.

#### **Uncontrolled Turn**

Bring student arms in to try and remove input, squeeze student legs together / hook back. If at limit of control pull drogue release. It may be advantageous to pull secondary.

#### **Line twists**

Clear with kick/ arm windmill/ pull risers, check altitude, if not clearing, initiate reserve drill. Hard deck altitude should be considered based on height, location and upper wind strength.

#### **Drogue entangled with the canopy / over the nose**

Carry out control check. If you cannot control or land the canopy safely, initiate reserve drills

#### **Canopy fabric damage**

Assess the extent of the damage - if large tears, holes or rips, immediately initiate reserve drills. For small damage, or holes, carry out control check, if you cannot control or land the canopy safely, initiate reserve drill.

#### **Broken brakes lines / brakes trapped on**

Try to release, check if wrapped around guide rings, if not able to clear initiate reserve drill (if altitude permits).

#### **Unable to release side snap ejectors**

Student to stand on feet pull back towards you. Once released you should do them back up.

#### **Nauseous student**

Tell the student to look at the horizon, steer gently. Offer sick bag if not in the landing pattern, consider closing full face visor. If they lose consciousness, alert catchers to assist.

#### **Canopy stack**

Ensure plenty of separation under canopy. Lower tandem has priority. If at the same level, signal should be given to clarify who will go first.

#### **When are secondary flare toggles to be picked up (if fitted)?**

Prior to start of landing pattern approximately 1000ft.

On final approach, if you realise you have not picked up the secondary toggles, flare using the primary toggles only.

#### **Landing / no catchers**

Undo RSL, sit down, if dragged cutaway.

#### **Canopy Collision**

Check altitude. Communicate with the other jumper. If top canopy and above safe altitude try to drop lower canopy. If lower canopy and above your safe hard deck encourage being dropped. If below safe hard deck land as pair, if the descent rate feels too fast it may be advantageous to also deploy reserve canopy(s). If dropped check canopy condition and controllability, perform reserve drills if required above safe altitude.

#### **Reserve Brake locked on / Tension knot**

If brake line caught on L-Bar connector try keep canopy flying straight (student can help by holding other toggle), try to clear line wrapped around L-Bar. If unable to clear cut the appropriate line.

### Two canopies out

#### **Bi-plane**

Leave brakes stowed, fly rear risers of the front canopy.

#### **Side-by-Side**

Disconnect RSL, leave brakes stowed, fly rear risers of the dominant canopy.

#### **Down-plane**

Time permitting, disconnect RSL, pull cutaway handle.

### Cannot locate emergency handles

Try to follow main lift webbing up from laterals with open hands to try and locate handles, alternatively follow risers down to three rings and continue down outside of main lift webbing.

### Off landing discussion

#### **Landing on land off the PLA**

Undo RSL, sit down, if dragged cutaway.

#### **Landing in water**

Brief student to inflate life jacket if provided. Undo RSL, disconnect laterals, flare as if ground, disconnect student, cutaway.

#### **Landing in trees**

Brief student to protect face, goggles on, undo RSL, disconnect laterals, flare as if ground.