

Tandem Emergencies

SIGMA

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, attempt release of main risers, pull right drogue release, 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.

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