

**OUTLINE SHEET 3.8  
DISENTANGLEMENT PROCEDURES  
(JET AIRCRAFT)**

**ENABLING OBJECTIVES:**

- 3.13 List disentanglement procedures for personnel wearing fix wing (Jet) survival equipment.
- 3.14 Demonstrate disentanglement procedures for personnel wearing fix wing (jet) Jet survival equipment.

**TOPIC OUTLINE**

**WARNING**

Inhalation of composite fibers resulting from aircraft fires and/or aircraft material damage may be harmful to rescue personnel. If smoke is present, the rescue swimmer shall be deployed up-wind and will approach the aircraft in a manner as to avoid any smoke. Discard wets suit if it becomes impregnated with composite fibers.

**WARNING**

The parachute should never be allowed to come between the rescue swimmer and the survivor, as the rescue swimmer could lose sight of the survivor or could become \_\_\_\_\_.

**A. Disentanglement procedures for PCU/33, Integrated Torso Harness.**

- 1. \_\_\_\_\_ situation to determine if survivor(s) are conscious, unconscious, passive or active. Assessing the situation begins before water entry. The situation may change at any moment.
- 2. \_\_\_\_\_ communication to determine the condition of the survivor and make approach. Ask, “Are you OK”? The rescue swimmer shall continually evaluate the medical condition of a survivor during the entire course of a rescue.
- 3. Grasp survivor’s harness between the shoulder blades and pull survivor into the wind and away from parachute. Obtain control of survivor **“ICIC”**.
- 4. Remove \_\_\_\_\_. **CLEAR** head, neck, and chest area. If survivor is conscious ask about any known injuries or conditions.
  - a. If survivor is still wearing oxygen mask completely remove it from both \_\_\_\_\_ bayonet fittings and push mask through chest strap, away from survivor.

**OUTLINE SHEET 3.8  
DISENTANGLEMENT PROCEDURES  
(JET AIRCRAFT)**

**NOTE**

**CHECK FOR BREATHING.** Give two breaths if required. Continue giving rescue breaths during disentanglement not to \_\_\_\_\_ between breaths until survivor is hoisted free of water.

5. \_\_\_\_\_ (inflate manually or orally if necessary).
6. \_\_\_\_\_ from head to toe, checking for injuries during disentanglement process.
  - a. Disconnect parachute risers by releasing \_\_\_\_\_
  - b. Remove parachute risers and throw them to the side, ensuring they do not fall back onto survivor.
7. **SWEEP ARMS,** ensuring that survivor’s arms are completely clear of debris. Once it has been verified that the survivor’s arms are clear, cross the arms across the survivor’s chest.
8. **SIDE CONTROL,** using the side of the survivor as a reference, proceed hand-over-hand along the:
  - a. Left side. Move down towards the legs removing any shroud lines along the way. Release the Oxygen hose (if applicable) from RSSK, and then disconnect mini-Koch fitting on lap.
  - b. Move back up the left side and go down the right side toward the legs, removing any shroud lines along the way. Disconnect the \_\_\_\_\_ fitting on lap. This releases the RSSK.
  - c. Move back down the left side and ensure there are no entanglements around the survivor’s left leg. Repeat for right leg.
9. Tow survivor clear of parachute and **DISCARD RAFT** (if applicable).
  - a. The \_\_\_\_\_ should be the primary recovery device if survivor is an \_\_\_\_\_ or other survivors suspected of having a spinal injury based on swimmer’s evaluation.

**NOTE**

At the discretion of the rescue swimmer the raft may be punctured with a knife and sunk before, during, or after the survivor has been removed.

**OUTLINE SHEET 3.8  
DISENTANGLEMENT PROCEDURES  
(JET AIRCRAFT)**

**WARNING**

Loss of ABC's is a serious life threatening condition requiring immediate medical treatment. This condition takes precedence and survivor should be recovered by fastest means possible.

**NOTE**

The litter should be the primary recovery device if survivor is an ejected aviator or other survivor suspected of having a spinal injury based on swimmer's evaluation.

10. Perform **FINAL CHECK**, head to toe to ensure that all shroud lines and parachute suspension lines are clear.
11. \_\_\_\_\_ rescue platform.
  - a. Day – Arm raised, thumb up
  - b. Night – Arm raised, waving \_\_\_\_\_.
12. As the helicopter is approaching
  - a. Ensure the **AREA CLEAR**.
  - b. Establish a left-hand cross-chest carry, grasping survivor's gated "D" ring in your left hand.
  - c. With your right hand connect rescue swimmer's snap hook to survivor's "D" ring.
  - d. Maintain left-hand cross-chest carry while grasping rescue swimmer's lifting "V" ring in your left hand.
13. Allow **RESCUE HOOK TO TOUCH WATER**, discharging static electricity.
14. **USE APPROPRIATE PROCEDURES** for rescue device selected.
15. Perform **SAFETY CHECK** on rescue device, signal up hoist.

**NOTE**

If rescue scenario involves E-2C Hawkeye aircrew, all of the procedural steps are identical with those of ejection seat aircraft. The difference in gear is purely mechanical and will require deviations in technique only.