

Appendix A – Swiftwater/Flood Rescue

The following standards create the minimum requirements for Swiftwater/flood rescue teams:

Technician Level Training

Minimum training/certifications that must be completed prior deployment:

- **National Incident Management Course:** IS 100, 200, 700, 800
- **Rope Rescue Operations:** This course teaches personnel how to safely conduct basic rope rescue operations. This course focuses on the various knots, rescue hardware, auxiliary equipment, personal protection equipment, rope care and maintenance and standards governing basic rope rescue operations. This course meets or exceeds the general requirements for *NFPA 1670* Standard on Operations and Training for Technical Rescue Incidents, Awareness and Operations Level for Rope Rescue
- **Rope Rescue Technician:** This course teaches personnel how to safely conduct advanced rope rescue operations. This course focuses on specific rope rescue operations conducted during the class include anchoring systems, safety belaying systems, rescue rappelling, Bar-rack rappelling, personal belayed rappels, self-extrication on a rappel system and patient packaging. Additional training in lowering systems rescue techniques, stairwell lowering systems, horizontal Stokes Basket operations (with and without an attendant), vertical Stokes Basket systems and scene management are also conducted.
- **TEMA Hazardous Materials Awareness or TN Fire Service & Codes Enforcement Academy FF171-01 or FF171-02 course (NFPA 2008+) or Fire Commission Hazardous Materials Awareness Certification (Post 2019):** This course outlines the necessary operating procedures and skills needed for first responders before, during an initial hazmat incident. The curriculum defines hazardous materials and describes the roles, responsibilities, and risks associated with a HazMat incident.
- **TEMA Hazardous Materials Operations or TN Fire Service & Codes Enforcement Academy FF171-01 or FF171-02 course (NFPA 2008+) or Fire Commission Hazardous Materials Operations Certification (Post 2019):** This course covers the necessary operating procedures for first responders and teaches a systematic response to hazardous material incidents. The course will identify and define hazardous materials, describe the roles, responsibilities and risks associated with an incident, and the basic options, requirements, and limitations of methods used to control, contain or confine a hazmat incident.
- **Swiftwater Operations Level:** The Swift Water Rescue Awareness course teaches river dynamics, river hazards, and overviews Swift water search and rescue methods and tactics. Swift water Rescue I provides instruction in swift water dynamics, self-rescue/swimming techniques, ropes and knots, rescue equipment, rescue wading techniques, and technical rope rigging in swift water environments. Meet or exceed *NFPA 1670* Awareness and Operations/Level I objectives
- **Swiftwater Technician Level:** The Swift Water Rescue II course provides instruction in paddling and guiding inflatable boats in Swift water, advanced tether swimming, big water boating and swims, tether V-lower techniques, and night Swift water search and rescue operations. Meet or exceed *NFPA 1670*. Technician/Level II objectives.

- **Bloodborne Pathogens:** This course is designed for those who are at risk for on-the-job exposure to blood and other bodily fluids in the workplace. This course is one of the requirements of the OSHA Bloodborne Pathogens Standard.
- **CPR/First Aid (including AED):** This course is required to be completed in a classroom environment and must conform to the national standards and be based on the same scientific guidelines and recommendations used by the American Heart Association (AHA) and American Red Cross (ARC). For a list of acceptable CPR/First Aid Certifying Entities please visit tn.gov.
- **Basic Aviation Safety: Inter-agency Aviation Training (IAT) A-100:** The purpose of this course is to provide the aviation user with a foundation of knowledge, skills, and abilities, to safely utilize aircraft to accomplish agency missions. Topics include Mission Preparation and Planning, Pilot and Aircraft Briefings, Operational Safety, Post-Flight Duties, and Unmanned Aviation Systems (UAS).

Boat Bowman and Operator Level Training

Minimum training that must be completed prior to deployment:

- **GPS Land Navigation:** Completion of an Authority Having Jurisdiction (AHJ)-validated training program that meets or exceeds the recommendations from National Fire Protection Association (NFPA) or ASTM International (ASTM) specific to the following Land SAR Technician position-specific key skills and aptitudes: GPS and Land Navigation, use of GPS, maps, and compass.
- **Watercraft Operations, Power/Paddle Craft Training, Boat Support Training:** Completion of an Authority Having Jurisdiction (AHJ)-validated training program that meets or exceeds the recommendations from National Fire Protection Association (NFPA), ASTM International (ASTM), or equivalent Swiftwater SAR training program that covers watercraft operations in water with a current of 1 knot or greater, power and paddle craft use in aquatic environments, boat support, such as maintenance, trailering, and repair, and the following position specific skills and aptitudes:
 - ✓ Identifying safe launching sites, escape routes and recovery sites
 - a. Executing launch and recovery in Swiftwater/flood settings
 - b. Recognizing moving water characteristics and hazards
 - c. Recognizing vessel limitations, hull damage and watertight integrity
 - d. Anchoring
 - e. Holding station and ferry gliding
 - f. Using water features, including eddy currents and wave troughs
 - g. Identifying hazards and operating in shallow water
 - h. Maneuvering in Swiftwater/flood situations, including running with the flow
 - i. Making over ground, power turns
 - j. Closing/bearing away
 - k. Coming alongside moving vessels; understanding suction effects
 - l. Demobilization/restoration procedures, including returning equipment and reporting faults and problems
 - ✓ Assisting the Swiftwater/Flood SAR Technician – Boat Operator with paddle boat handling:
 - a. Using paddles to maneuver and control the craft in both still and moving water

- b. Capsize avoidance and recovery
- ✓ Assisting the Swiftwater/Flood SAR Technician – Boat Operator with SAR operations from powered craft:
 - a. Using safety equipment; communicating with team and other agencies
 - b. Search techniques and incident management
 - c. Methods of recovering personnel from water and techniques for lifting
 - d. Extended-reach rescues
 - e. Swimmer operations
 - f. Use of loaded lines
 - g. In-tandem boat operations—side by side, moving a line, survivor/crew/equipment transfer
 - h. Towing and being towed, including length of towlines, positioning, passing a tow line, using a bridle, towing alongside and casting off a tow line
 - i. Approaching, righting and dealing with entrapments from capsized vessels
 - j. Awareness of rescue from vehicles
 - k. Rescues from shore
 - l. Mass evacuation
 - m. Helicopter rescue procedures
 - n. Use of GPS, maps and compass
 - o. Use of other specialized equipment; boat and motor support, such as maintenance, trailering and repair
- ✓ Assisting the Swiftwater/Flood SAR Technician – Boat Operator with boat handling and SAR during darkness and reduced-visibility conditions:
 - a. Applying skills in darkness and poor light
 - b. Demonstrating ability to keep a proper lookout, and identifying lit and unlit hazards at night
 - c. Conducting night SAR training operations

Team Leader Level Training

Minimum training that must be completed prior to deployment:

- **Strike Team/ Task Force Leader:** (TEAM LEADER) The course is addressing the roles and responsibilities appropriate to a Task Force/Strike team Leader operating on concert with a local or state-level Incident Command. These responsibilities fall into two categories: (1) responding to the incident and the command needs of the incident, and (2) effectively fulfilling the position responsibilities of a Task Force/Strike Team Leader in conjunction with an AH IMT. The L-0984 course is an all-hazard, instructor-led course that facilitates learning through discussion, lecture, and active participation in multiple exercise scenarios.
- **IS 703 - National Incident Management System Resource Management:** The goal of the National Incident Management System Resource Management course is to introduce federal, state, local, tribal, and territorial emergency managers, first responders, and incident commanders from all emergency management disciplines to NIMS Resource Management. This includes private industry and volunteer agency personnel responsible for coordination activities during a disaster. By the end of this course, students will be able to define the four resource management tasks in preparation for incident response, identify the six primary tasks of resource management during an incident, and describe the use of mutual aid in incidents.
- **ICS 300 – Intermediate Incident Command System (ICS) for Expanding Incidents:** This course provides training on the resources for personnel who require advanced application of the ICS. This course expands on information covered in the ICS-100 and ICS-200 courses. This course describes how the NIMS Command and Management component supports the management of expanding incidents, the incident/event management process for supervisors and expanding incidents as prescribed by the ICS, implement the incident management process on a simulated Type 3 incident, and students develop and Incident Action Plan for the simulated incident.
- **NWS/USGS Storm and Flood Training** Completion of a National Weather Service (NWS) Storm and Flood training course. The NWS has developed an acceptable course option that can be found online at <https://www.youtube.com/watch?v=RS95hE0ge6Q> and teams are recommended to develop an in-house certificate for team members who have completed the online training. The certificate should title the course as, “NWS Storm and Flood Training.”
- **SAR Management Training** Completion of an Authority Having Jurisdiction (AHJ)-validated training program that meets or exceeds the recommendations from National Fire Protection Association (NFPA), ASTM International (ASTM), or equivalent Swiftwater SAR training program that covers operational leadership, awareness of canine search capabilities, managing active and passive search activities, managing incidents with multiple victims or animals, and managing teams during emergency operations.

Training Requirements by Position

Training/Certification	# Personnel Required
IS-100,200,700,800	All
Rope Rescue Operations	All
Rope Rescue Technician	All
Hazmat Awareness	All
Hazmat Operations	(1) Per Staffed Boat
Swiftwater Operations	All
Swiftwater Technician	All
Bloodborne Pathogens	All
CPR/First Aid	All
A-100	All
Swim Test	All
GPS/Land Navigation	Bowman/Operators
Boat Support Training	Bowman/Operators
Power/Paddle Craft Training	Bowman/Operators
Watercraft Operations Training	Bowman/Operators
IS 703	Team Leader
ICS 300	Team Leader
NWS/USGS Storm and Flood	Team Leader
SAR Management Training	Team Leader

NFPA/ASTM JPR's

To best facilitate team tracking of Job Performance Requirements (JPRs) teams will be required to submit a completed position task book (PTB) that aligns with the appropriate team position. If the AHJ chooses to submit a memorandum that verifies JPR completion, this shall be sufficient until 1 January 2025. After this date, all JPR tracking will be tracked by Position Task Book and verified by the AHJ. JPR Position Task Books will be applicable to:

- Swiftwater Technician
- Boat Operator
- NIMS Type II Land SAR Technician

Position Task Books will remain valid for all personnel for 3 years prior to a team's site evaluation. All AHJ Memorandums issued in lieu of documented PTB verification or specified training will be required to note that the individual(s) have met or exceeded NFPA or ASTM JPR's for the position.

Swim Test

All personnel deployed as part of a water rescue team, shall be required to complete an annual swimming fitness test. (Incident support team members who are not part of water rescue activities, will not be required to complete the swim test.) The test will be administered locally by the local agency or host agency for a joint venture team. Documentation of successful completion for each rescuer will be maintained by the local agency or host team.

Required Annual Swim Test for Credentialing

200 Meter Swim: The rescuer must swim 200 meters, using a forward stroke, without stopping and without the use of swim aids such as dive mask, fins, snorkel, or flotation devices. Stopping or standing up in the shallow end of the pool at any point during this exercise will constitute a failure of this evaluation station. If using a pool, there shall be no pushing off the edge when making a turn.

12-minute tread: Using no swim aids and wearing only a swimsuit, the diver will stay afloat by treading water, drownproofing, bobbing, or floating for 12 minutes with hands only out of the water for the last 2 minutes.

100-Meter Inert Rescue Tow: The swimmer must push or tow an inert victim without assistance on the surface for 100 meters nonstop. If a manikin is unavailable, the victim should be in personal flotation device and not assist with swimming during the rescue.

Depth Dive: Free dive to a depth of 9 ft (2.7 m) and retrieve an object or swim under water for 75'.

There shall be no more than fifteen minutes in between completion of each step.

Rescuers must complete all aspects of requirements to show ability to operate within water environments.

Departments may create a swim test that is more stringent than the requirements listed above. The swim test must be outlined as part of the accreditation application process.

Resource Typing/ Qualifications

The TN- Special Operations Response Program will follow the current FEMA resource typing for teams, equipment, and personnel qualifications. Please consult the FEMA Resource Typing Library Tool for the most up to date resource typing at [FEMA.gov](https://www.fema.gov)

Continuing Education Requirements

The following is the Swiftwater continuing education requirements for Tennessee created by the Tennessee Special Operations Program Committee.

<p style="text-align: center;">Instructors for Swiftwater</p>	<p>CE:</p> <ul style="list-style-type: none"> • Assist in teaching an approved class annually or attend a refresher class every three years • Complete all requirements of Technician level • Maintain applicable state or national level instructor qualification requirements
<p style="text-align: center;">Swiftwater Operations Level</p>	<p>CE: Successful completions of Swim Test annually <i>Once in three years:</i></p> <ul style="list-style-type: none"> • Participate in boat handling drill • Participate in rope evolution • Practice defensive swimming • Participate in a shore-based evolution
<p style="text-align: center;">Swiftwater Technician Level</p>	<p>CE: Successful completion of Swim Test annually. <i>Once in three years:</i></p> <ul style="list-style-type: none"> • Participate in boat handling drill • Participate in rope evolution • Participate in go rescue drills • Participate defensive swimming drill • Participate in shallow water crossing

Deployment Equipment

The following list has been compiled based on the experience of TN teams on multiple deployments. Some of the items are listed on the NIMS resource typing criteria and are required. Additional items should be considered to conduct safer and more efficient operations. Please remember that all vehicles, trailers, and equipment should have the ability to be secured (locked).

Recommendations for Swift / Flood Water Rescue Deployment

Personal Protective Equipment (PPE)

Quantities shall be equal to the number of operations personnel needed to complete the mission. All equipment should be inspected after each use.

	Equipment	Justification
1	Dry Suit with Base Layer	Should be made of quality material by a reputable manufacturer to protect against possible chemical and/or biological exposures as related to water rescue efforts. Thermal undergarments should be considered for cold water responses. Equipment should be correctly sized and inspected for operational readiness as per department and/or manufacturer recommendations.
1	Water Rescue Helmet	Should be correctly sized, meet CE EN 1385 standard. Should be able to accept a flashlight either on a strap or otherwise fixed to the helmet. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
1	Rescuer Personal Flotation Device	Shall be Type V, USCG approved, include a tether attachment point with emergency bailout capability, correctly sized, and inspected for operational readiness as per department and/or manufacturer recommendations.
1	Water Rescue Gloves	Should be made of material suitable for water rescue function, offer cut resistance against sharp objects such as metal and glass, offer cold water protection where needed, correctly sized, and inspected for operational readiness as per department and/or manufacturer recommendations.
1	Personal Throw Bag	Should be able to be worn on a waist belt, have a minimum of 55 feet of 1/4 inch rope with at least 950lb tensile strength, and a quick release attachment to the rescuer for emergency disconnect in the event of entanglement. Should be inspected for operational readiness as per department and/or manufacturer recommendations.

1	Whistle	Should be able to function as a signaling device in water rescue effort. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
3	Aluminum Locking Carabiners	Recommended to be at minimum of "G" rated and designed to perform in water rescue efforts. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
2	Prusik Cords	Sewn or tied loop should meet applicable standards to perform in water rescue efforts. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
2	Chemical Light Sticks	Should be of a color recognized by assisting rescue personnel, have an attachment point, and have a working life of at least 8 hours. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
1	DC Powered Rescue Headlight with batteries	Should be able to function safely in a water rescue environment and provide adequate light for operator needs. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
1	Hearing Protection	Should be used as needed by rescue personnel while operating tools and equipment associated with water rescue.
1	Eye Protection	Should be used as needed by rescue personnel while operating tools and equipment associated with water rescue.
1	Water Rescue knife	Should meet operator's needs. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
1	15' Length Tubular Webbing	Should be at least 15' in length to be used to aid rescuer in reach capability or personal rigging. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
1	Waders or Hip Boots	Should be made of material that allows for decon. Not recommended for rescue operations. To be utilized in still water primary for doing welfare checks. Waders should have a waist cinch to prevent swamping. Should be inspected for operational readiness as per department and/or manufacturer recommendations.
	Ballistic protection	As required by your AHJ or in mission instructions.
1	Gear Bag	Should be capable of holding all PPE. Should be made of material that allows air movement and able to be decontaminated.

Decontamination Equipment (Decon)

This equipment is referred to as a "Katrina Kit". All equipment should be able to fit and be transported in the 40-gallon plastic work box. This should be enough equipment to decon a 6-person rescue crew and equipment. Disposable items should be replaced after use for each mission.

	Equipment	Justification
1	40-gallon plastic work box	Used as a container to hold decon equipment. At the time of need can be used as a collection pool.
1	2.5-gallon pressure sprayer	Used to apply decon solution to PPE and rescue equipment
1	5-gallon plastic bucket	Used as a container to hold decon solution for brushes, sponges, etc.
2	18" handheld brushes	Used to scrub PPE and rescue equipment.
1	25' garden hose	
1	2.5" gate valve	Used to connect and control water from a fire hydrant.
1	2.5" to garden hose adapter	Used to connect garden hose to a fire hydrant.
1	Garden hose pressure reducer	Used to control water pressure from a fire hydrant.
1	Garden hose spray nozzle	Used as needed for decon of PPE and equipment.
1	Hydrant wrench	**Universal Hydrant Wrench is recommended.
1	110-volt power washer	Used to decon rescue equipment. i.e., boats, boat accessories, tools, etc.
1	110-volt submersible pump	Used to pump off contaminated decon solution.
1	Large bottle soap (Dawn or similar)	Used as needed for chemical and/or biological decon of PPE and operations equipment.
1	Gallon bleach	Used as needed for chemical and/or biological decon of PPE and operations equipment.
6	Wash cloths	Used as needed by rescue personnel.
6	Bath towels	Used as needed by rescue personnel.
1	Large hand sanitizer bottle	Used as needed by rescue personnel.
1	Package of wet wipes	Used as needed by rescue personnel.

6	50 Gallon heavy duty trash bags	Used as needed.
	Paper Towels	Used as needed.
	Clorox Wipes	Used as needed.
	Nitrile Exam Gloves	Should be sized to fit responders and quantities should meet mission needs.
6	Red bio-hazard disposal bags	Used as needed.

Sustainment

Food and water needs should be matched to the number of members and days your team is required to be self-sufficient as agreed. Items should be added as needed, requested or desired.

	Equipment	Justification
	Drinking Water	Each member should be counted for 1 gallon of water per day.
	Meals	Each member should be counted for 3 meals per day.
	Cots	Each member should have a cot for sleep.
	Sleeping bags	Each member should have a sleeping bag suitable for climate conditions.
	Shelter(s)	Tent or tents capable of housing all crew members. Should be adequate to protect personnel from weather and insects as needed for area.
	Pop up shade canopy	Used to protect personnel from elements while in rehab, staging, and during down time. Size and quantity determined by crew size.
	Folding camp chairs	Used in rehab, staging, and during down time. Quantity determined by crew size.
	Paper towels	Used as needed.
	Trash bags	Used as needed.
	Toilet Paper	As needed to support the team for Self-sustainment period as agreed.
	Electric generator	Should be adequate to operate needs in camp. Should be equipped with circuit breakers to prevent overload. Should be quiet running, low emissions, and fuel efficient.
	Battery powered carbon monoxide detector	Should always be provided for each tent or housing unit.
	Fire extinguisher, ABC	

	100' Heavy duty extension cords	Should be made of heavy gauge wire capable of handling electrical needs. Quantities to be determined by crew size and needs.
	Surge protectors	Should be made of heavy gauge wire capable of handling electrical needs. Quantities to be determined by crew size and needs.
	Fuel in Portable cans	As needed to supply all powered equipment (including vehicles, boats, UTV's, powered tools, etc.) for the duration of self-sustainment period as agreed.
	2 stroke engine oil	As needed to supply 2 stroke engines during operations for self-sustainment period as agreed
	Bar oil for chainsaws	
	Comfort items	Snacks, drinks, fans/heaters, radio, coffee pot, etc. As needed to assist members for duration of self-sustainment period as agreed.
	Ice chest(s) with ice	As needed to support the team.
	Insect Repellant	
	Area lighting	As needed to assist team for the duration of self-sustainment period as agreed.
	Tarps	Quantity and size to fit team needs.
	Mechanics tools	As needed to maintain and/or make minor repairs to equipment.
	Jumper cables	
1	American Flag	Because we're Americans!
1	State Flag	Proud of where we came from!
	12v Battery Charger	Used as needed.
	Shop Towels	Used as needed.
	Shop Vac	Used as needed to vacuum or blow. Can be used to assist with inflation / deflation of boats, sleeping mats, etc.

Operations

Equipment should match the request for resource type as agreed. Quantities for boat accessories should match the number of boats. Specialized rescue equipment (i.e., forced entry tools) and/or patient packaging may be loaded or unloaded as mission requires.

	Equipment	Justification
	Powered boat(s)	Can be inflatable, ridged inflatable or aluminum. Should be suitable for the condition of the response. Should be equipped with a lanyard, wrist kill switch. Should be well maintained and in sound, safe readiness. Should meet United States Coast Guard (USCG) standards for occupancy and equipped as required. Should meet the requirements for the resource type requested. Should only be operated by trained and qualified personnel.
	Raft(s)	Should be suitable for the condition of the response. Should be well maintained and in sound, safe readiness. Should be designed to be tethered to a rescue rope as needed.
	Raft pumps and patch kits	A 12v and foot pump should be carried to inflate and “top off” the rafts. A patch kit should also be carried for field repairs.
	Paddles	As required specific to the mission. Spares should be available.
	Throw bags	Should be at least one throw bag with at least 50' of attached rope (75' preferable) for each member aboard a vessel and at least one extra with the boat.
	Throw ring(s)	Should be at least one USCG approved throw ring with at least 50' of attached rope with each vessel.
	Victim helmet(s) and PFD(s)	As required per mission orders.
	Inflatable boat pump(s)	Equipped with adaptors, fittings, and hoses specific to equipment. Should be one for each vessel deployed.
	SCBA, SCUBA or compressed air bottles	Equipped with adaptors, fittings, and hoses specific to equipment.
	Inflatable boat repair kit(s)	To contain needs specific to your equipment and be used as needed. Should be one for each vessel deployed.
	Motor flush kit(s)	To be used as needed. Should be one for each vessel deployed
	Spare prop(s) w/ pin	Specific to equipment. Should be at least one for each motor deployed.

	Spare tires	A spare tire for each trailer and vehicle should be carried, as well as a floor jack and lug wrench to facilitate quick changes.
	Spare trailer bearing	Specific to equipment.
	Handheld spotlight(s)	To be used as needed. Should be at least one for each vessel deployed.
	Ropes and hardware	Should all be NFPA compliant, and in sound working order. Rigging equipment should be matched to the needs and agreements of the mission specifics.
	Dry Bag	Should be provided to each boat and capable of containing sensitive equipment.
	ALS / BLS Medical Equipment	As required specific to the mission and response agreement.
	Rescue sling	Used to assist with victim removal. Should be one for each vessel deployed.
	Patient litter (Stokes, Sked)	Used for patient packaging. Should be one for each vessel deployed.
	Portable Radios, Batteries, Chargers.	As available for team communication. At minimum should be provided to each boat and each shore-based team leader.
	Thermal Imaging Camera/ spare batteries	Used as needed for rescue operations. Should be one for each vessel deployed. Personnel should use extreme care with water sensitive equipment aboard.
	Pole for reaching (Pike)	Used as needed for rescue operations. Should be one for each vessel deployed.
	Animal restraint device	Used as needed for rescue operations involving animals. As rescuers we are required to assist animals in distress as long as they do not pose significant risk to us. (It's just good business). Should be one for each vessel deployed.
	Halligan tool	Used as needed for rescue operations. Should be one for each vessel deployed.
	8lb. Flathead axe	Used as needed for rescue operations. Should be one for each vessel deployed.
	10lb Sledgehammer	Used as needed for rescue operations. Should be one for each vessel deployed.
	Chainsaw (14-inch min.)	Used as needed for rescue operations. Should be one for each vessel deployed. Should include bar cover to restrict damage to boats. Fuel cans should be considered depending on mission.
	Pneumatic Chisel gun (Ex. Ajax, Partech)	Used as needed for rescue operations. Should be one for each vessel deployed. SCBA cylinder, regulator, and hoses, along with an assortment of bits to aid in forced entry or vehicle roof removal.
	Sawzall and blades	Used as needed for rescue operations. Should be one in a case with an assortment of blades for each vessel deployed.

Personal Items		
	Pillow	
	Blanket	
	Uniforms	6 uniforms should suffice depending on the agreed term of deployment.
	Belt(s)	
	Off duty clothing and shoes	Shorts, Sweatpants etc. Remember you still represent your department even off duty.
	Rain gear	Recommended pants and coat
	Socks and under garments	Bring plenty. You will get wet
	Duffle bag(s)	Large enough and built strong to carry personal belongings.
	Hat(s)	Ball cap or Boonie hat
	Work gloves	2 Sturdy pair recommended.
	Personal water	Canteen, Camel Back
	Personal Medications	Recommended double quantities as trips could go longer than planned and Meds could be hard to come by on deployment.
	Personal First Aid Kit	
	Sunglasses	Cheap! They tend to become broken or lost
	Sunscreen	
	Thermo cell	
	Bug spray	Bugs are bad! Bring refills as well.
	Personal water bottle	
	Thermos	
	Hot/cold cup	
	Phone charger(s)	Cables and portable battery chargers.
	Headphones	
	Batteries	For any personal equipment.
	Zip ties	They come in handy.

	Personal flashlight	
	Response Guides	Fire FOG, ICS FOG
	Personal Hygiene Items	Soap, Shampoo, Dental care goods, deodorant, shave goods, etc.
	Shower shoes	Flip flops or the like.
	Bath Towel(s)	at least 2 would be a good idea
	Wash cloth/Loofah	
	Laundry bag(s)	Mesh type. I carry 2.
	Ziploc bags	Keep your sensitive valuables dry
	Cash / Credit Cards	
	Identification	Driver's License, Badge and ID, Deployment ID, Medical Credentials
	Writing Tools	Pens, Markers, Notebook, Stamps, Envelopes
	Miscellaneous Equipment	Multi-tool, Flag tape, Compass, Duct Tape, Spray Paint (Highway tape), ICS Package, Zip Ties, Reading material

Team Credentialing Checklist

Organizational/Operational Documents

- Interlocal Agreements/MOU's with sponsoring agencies (defining the host agency)
- Team Organizational Chart
- Team Operations Guidelines
- Team Deployment Guidelines
- Complete Mission Ready Package
- Examples of Previous deployments
- Completed Application Team Application

Personnel

- Team Roster with Positions Identified and certifications/qualifications listed
 - Team Credentialing Workbook
- Current Application for each Team Member
 - Signed by Sponsor verifying fit for duty, signed by applicant – code of conduct
- Position Task Book's completed for each Team Member for positions Qualified For
 - Signed by Dept and Training Committee
- Training Packet for each Team Member with certifications verifying training in the Position Task Books

Equipment

- Team Equipment List
 - SRT Trailer equipment
 - Logistics & Support trailer equipment
- Team Vehicle List
 - Prime Movers, Passenger, Boats, Trailers
- Team Tire monitoring and replacement program

Paperwork Guidelines for Evaluation

Applicants should organize their paperwork for review in the following order to better streamline the verification process for the assessment team. Paperwork can be printed folders or electronic. Printed copies should be single sided and placed in an individual folder for each team member. Electronic copies should be in one single document labeled with the team member's name. If multiple electronic documents are required, each team member should have a separate folder.

- 1. The Cover Sheet, Attachment 1, should be the first thing in the packet.**
- 2. Team Application**
- 3. Swiftwater Technician Certification**
- 4. Swiftwater Operations Certification**
5. AHJ Watercraft Operations Training (if applicable)
6. AHJ Power/Paddle craft Training (if applicable)
7. AHJ Boat Support training (if applicable)
8. Rope Rescue Technician Certification (if applicable)
- 9. Rope Rescue Operations Certification**
10. Helicopter Rescue Ops (if applicable)
11. Communications skills set verification or certification (if applicable)
12. Logistics skills set verification or certification (if applicable)
- 13. Hazmat Awareness certification**
14. Hazmat Operations certification (if applicable)
15. EMR, EMT, Paramedic License (if applicable)
- 16. CPR Certification**
- 17. ICS 100, 200, 700, 800 Certifications**
- 18. Verification of Medially Fit for Mission**
19. NIMS Strike Team/Task Force Leader Training/Certification (if applicable)
- 20. Current Swim Test Verification**
- 21. A-100 Basic Aviation Training**
- 22. Bloodborne Pathogens Training**
- 23. GPS Land Navigation Training**
24. AHJ Boater Safety Course (if applicable)
25. ICS 300 (if applicable)
26. IS 703 (if applicable)
27. NWS Storm and Flood Training (if applicable)
28. SAR Management Training (if applicable)

** Bolded items are required for all team members and all positions.

TEAM LEADER

Cover Sheet

Team Member Name: _____

The following Certifications/Documented Training is provided for the above Team Member for the position of TEAM LEADER. **BOLDED** items are required for this position

Verification of Training Evaluator Use Only	Required Certifications/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	1. Team Application
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	2. Swiftwater Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	3. Swiftwater Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	4. AHJ Watercraft Operations Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	5. AHJ Power/Paddle craft Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	6. AHJ Boat Support training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	7. Rope Rescue Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	8. Rope Rescue Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	9. Helicopter Rescue Ops (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	10. Communications skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	11. Logistics skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	12. Hazmat Awareness Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	13. Hazmat Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	14. Current EMR, EMT, Paramedic License (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	15. Current CPR Certification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	16. ICS 100, 200, 700, 800 certifications
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	17. Verification of Medically Fit for Mission
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	18. NIMS Strike Team/Taskforce Leader Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	19. Current Swim Test Verification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	20. A-100 Basic Aviation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	21. Current Bloodborne Pathogens Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	22. GPS Land Navigation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	23. AHJ Boater Safety Course (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	24. ICS 300
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	25. ICS 703
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	26. NWS Storm and Flood Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	27. SAR Management Certification/Training

BOAT OPERATOR

Cover Sheet

Team Member Name: _____

The following Certifications/Documented Training is provided for the above Team Member for the position of BOAT OPERATOR. **BOLDED** items are required for this position

Verification of Training Evaluator Use Only	Required Certifications/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	1. Team Application
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	2. Swiftwater Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	3. Swiftwater Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	4. AHJ Watercraft Operations Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	5. AHJ Power/Paddle craft Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	6. AHJ Boat Support training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	7. Rope Rescue Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	8. Rope Rescue Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	9. Helicopter Rescue Ops (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	10. Communications skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	11. Logistics skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	12. Hazmat Awareness Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	13. Hazmat Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	14. Current EMR, EMT, Paramedic License (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	15. Current CPR Certification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	16. ICS 100, 200, 700, 800 certifications
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	17. Verification of Medically Fit for Mission
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	18. NIMS Strike Team/Taskforce Leader Certification/Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	19. Current Swim Test Verification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	20. A-100 Basic Aviation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	21. Current Bloodborne Pathogens Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	22. GPS Land Navigation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	23. AHJ Boater Safety Course
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	24. ICS 300 (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	25. ICS 703 (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	26. NWS Storm and Flood Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	27. SAR Management Certification/Training (if applicable)

BOAT BOWMAN

Cover Sheet

Team Member Name: _____

The following Certifications/Documented Training is provided for the above Team Member for the position of BOAT BOWMAN. **BOLDED** items are required for this position

Verification of Training Evaluator Use Only	Required Certifications/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	1. Team Application
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	2. Swiftwater Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	3. Swiftwater Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	4. AHJ Watercraft Operations Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	5. AHJ Power/Paddle craft Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	6. AHJ Boat Support training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	7. Rope Rescue Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	8. Rope Rescue Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	9. Helicopter Rescue Ops (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	10. Communications skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	11. Logistics skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	12. Hazmat Awareness Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	13. Hazmat Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	14. Current EMR, EMT, Paramedic License (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	15. Current CPR Certification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	16. ICS 100, 200, 700, 800 certifications
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	17. Verification of Medically Fit for Mission
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	18. NIMS Strike Team/Taskforce Leader Certification/Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	19. Current Swim Test Verification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	20. A-100 Basic Aviation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	21. Current Bloodborne Pathogens Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	22. GPS Land Navigation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	23. AHJ Boater Safety Course
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	24. ICS 300 (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	25. ICS 703 (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	26. NWS Storm and Flood Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	27. SAR Management Certification/Training (if applicable)

SWIFTWATER TECHNICIAN

Cover Sheet

Team Member Name: _____

The following Certifications/Documented Training is provided for the above Team Member for the position of SWIFTWATER TECHNICIAN. **BOLDED** items are required for this position

Verification of Training Evaluator Use Only	Required Certifications/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	1. Team Application
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	2. Swiftwater Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	3. Swiftwater Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	4. AHJ Watercraft Operations Training(if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	5. AHJ Power/Paddle craft Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	6. AHJ Boat Support training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	7. Rope Rescue Technician Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	8. Rope Rescue Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	9. Helicopter Rescue Ops (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	10. Communications skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	11. Logistics skills set verification or certification (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	12. Hazmat Awareness Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	13. Hazmat Operations Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	14. Current EMR, EMT, Paramedic License (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	15. Current CPR Certification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	16. ICS 100, 200, 700, 800 certifications
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	17. Verification of Medically Fit for Mission
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	18. NIMS Strike Team/Taskforce Leader Certification/Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	19. Current Swim Test Verification
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	20. A-100 Basic Aviation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	21. Current Bloodborne Pathogens Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	22. GPS Land Navigation Certification/Training
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	23. AHJ Boater Safety Course (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	24. ICS 300 (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	25. ICS 703 (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	26. NWS Storm and Flood Training (if applicable)
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	27. SAR Management Certification/Training (if applicable)

Mission Specific Sample Memorandum of Understanding

TENNESSEE SPECIAL OPERATIONS PROGRAM

MEMORANDUM OF UNDERSTANDING

The purpose of this Memorandum of Understanding is to outline the mission and objectives for the Tennessee Special Operations Response Team(s), including _____, assigned to the incident located (use exact address).

TENNESSEE SPECIAL OPERATIONS MISSION

To provide a technical rescue and special operations teams to assist state and local governments in times of disasters or large-scale incidents. The teams will be highly trained, properly equipped and capable of deploying in an efficient and quick manner when requested. Additionally, they can provide functional expertise and support to State and local governments through technical rescue resources, advice, incident command assistance, and management, as well as coordination of technical rescue operations and logistical support.

OBJECTIVES

1. Locate and rescue victims that survived the (Specific address or location) incident in coordination with the responsible local officials while providing for the safety of rescue personnel.
2. Continually assess the probability of rescue success against the risks to rescue personnel in formulating and conducting operational activities.
3. Follow established protocols and practices concerning the rescue and recovery of victims.
4. In coordination with local officials and incident command structure, develop Action Plans (OAP) for each operational period. The OAPs will support the objectives in the Incident Action Plan (IAP) from the local jurisdiction and contain the strategic objectives for the technical rescue resources to be accomplished during each operational period.
5. Provide Situation Reports to responsible local/State official at least by the completion of each operational period, including statistical information such as search tracks, search findings, and any rescues made or victims located.

6. Coordinate all media relations with the local jurisdiction as identified through the Public Information Officer (PIO) identified through the IAP and the responsible local/State official.
7. In coordination with the local Incident Commander, integrate local resources and personnel into the rescue effort in a safe manner.
8. Tennessee Special Operations Response Team personnel will follow standard care of practice in providing medical care to rescued persons. Injured victims will be transferred to the State/local medical system. Protocol for deceased victims will be established with local Emergency Medical Services (EMS), the Medical Examiner's Office, or local law enforcement. TN-SORT resources will maintain maximum sensitivity to the removal of victims.
9. Operational briefings will be held at hour and location and attended by name and organization represented.
10. Planning meetings will be held at hour and location and attended by name and organization represented.
11. This agreement may be updated or changed by mutual consent and approval of the signatories to this MOU.

Throughout this mission, the (responsible local jurisdiction) shall retain command and control of the incident. Tennessee Special Operations Response Team resources assigned to the incident will be managed by the Incident Command System (ICS) who will coordinate all operations with (name or designation of the responsible local/State official). The duration of the mission will be determined by the responsible local/State official in conjunction with the TN Special Operations Response Team Leadership.

Signed this _____ day of _____, year.

 (Local, Area, Region, State Official)

 (TN SORT Leader)

RELEASE AND RETURN TO HOME UNIT

It is mutually agreed by the local incident jurisdiction and the TN SORT Leader that the TN SORT resources assigned to the incident have accomplished the stated mission and objectives and have been approved for release to their home unit effective this _____ day of _____, _____ hours.

(Responsible Local / State Official)

(TN SORT Leader)