

HURRICANE PREPAREDNESS

72-Hour Hurricane Survival Kit

Critical life support, debris management, and signaling capabilities for individuals or small groups following a hurricane or severe storm event.

72-Hour Coverage

Baseline self-sufficiency for the critical post-storm window

Shelter-in-Place

For use when utilities are compromised but structure is sound

Evacuation / Bug-Out

For immediate self-sufficiency when forced to evacuate on foot or by vehicle

SECTION 1

Mission Brief & Intended Use

Primary Mission

To provide an individual or small group with critical life support, debris management, and signaling capabilities for a **72-hour period** following a hurricane or severe storm event.

Operational Focus

- Water purification from contaminated sources
- Management of light debris
- Creation of expedient personal shelter from elements
- Signaling for rescue

Scope of Operations

Shelter-in-Place

For use within a structurally sound dwelling when utilities — power, water, communication — are compromised.

Evacuation / Bug-Out

For use when forced to evacuate a primary residence on foot or by vehicle, requiring immediate self-sufficiency.

- ❏ **Out of Scope:** This kit is not intended for long-term sustainment, heavy rescue operations, or advanced medical intervention.

Equipment & Component Familiarization

All components are grouped by **operational purpose**. Familiarize yourself with each item before an emergency occurs.

Personal Protective Equipment

- **Red Hikers Backpack** — Transport platform; red color enhances rescue visibility
- **Leather-Palm Work Gloves** — Protects hands from lacerations and punctures
- **Safety Goggles** — Eye protection from wind-driven debris and particulates
- **Reusable Face Masks** — Reduces inhalation of dust and mold spores

Debris Management & Repair

- **Metal Hatchet** — Clears light debris; poll doubles as a hammer
- **Duct Tape** — Temporary repairs to gear, tarp, or clothing
- **50 ft. Paracord** — Guylines, equipment lashing, or clothesline
- **Pack of Nails** — Secures tarp over broken windows with hatchet poll
- **QuakeHOLD! Putty** — Pre-storm; secures fragile items from wind shift

Water Procurement & Purification

- **6 x 4 oz. Water Pouches** — Immediate-use purified water; ration carefully
- **Water Purification Bottle** — Filters up to 100 gallons from freshwater sources
- **10 x Purification Tablets** — Backup method if primary filter is compromised
- **1L Hydration Bag with Straw** — Stores and transports treated water on the move

Shelter & Hypothermia Prevention

- **Large Tarpaulin** — Rain shelter, ground cover, or expedient window patch
- **2 x Emergency Sleeping Bags** — Mylar radiant barriers; prevent hypothermia
- **2 x Emergency Ponchos** — Personal rain protection during movement or tasks

Illumination & Signaling

- **Emergency LED Lantern** — 360° area lighting; conserve battery
- **Multi-Function Flashlight** — Focused directional beam for navigation
- **Emergency Bright Stick** — Long-duration chemical light; marks location
- **Candle & Waterproof Matches** — Light and heat source; extreme fire caution
- **5-in-1 Survival Whistle** — Audible distress signal; 3 blasts = distress
- **Bright Orange Help Flag** — High-visibility visual signal for air/ground rescue

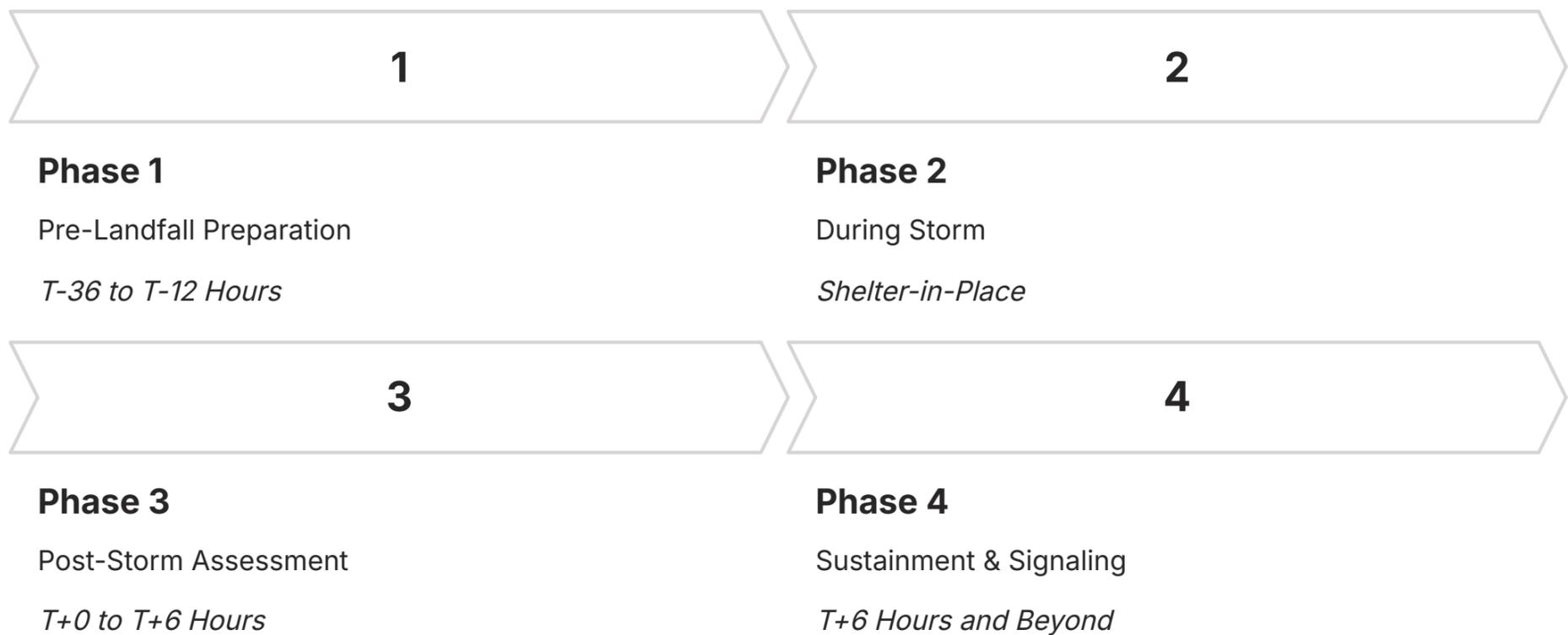
First Aid & Hygiene

- **Deluxe First Aid Kit** — Manages minor injuries: cuts, scrapes, burns, sprains
- **Hygiene Kit / Wet Wipes / Tissues** — Maintains hygiene to prevent infection
- **Infectious-Waste Bag** — Safe containment of biohazardous materials

SECTION 3

Standard Operating Procedure: Deployment

Scenario: A Category 3 hurricane warning is in effect. Landfall is projected in 36 hours. Evacuation has not been ordered. Authorities predict widespread multi-day power outages and compromised municipal water systems. **Plan:** Shelter-in-Place.



Phase 1 — Pre-Landfall Preparation

- Inventory & Stage:** Unpack, confirm all components are present and functional (test flashlight batteries). Repack and stage near an exit, away from windows.
- Secure Environment:** Use QuakeHOLD! Putty to secure picture frames, lamps, and other items that could become projectiles.
- Augment Supplies:** This kit is a 72-hour baseline. Add personal medications, documents, and additional water/food as able.

Phase 2 — During Storm

- Conserve Power:** Use the LED Lantern or Bright Stick. Do not use the candle during the storm due to knock-over risk.
- Don PPE if Breached:** If a window breaks, immediately put on Safety Goggles and Leather-Palm Work Gloves.
- Live from the Kit:** Operate as if all utilities are gone. Use pre-packaged water pouches. Remain in your designated safe area.

Phase 3 — Post-Storm Assessment

- Assess Immediate Area:** Before exiting, listen for hazards. If you smell gas or hear rushing water, do not proceed.
- Deploy PPE:** Don gloves and goggles before moving through the structure or exiting.
- Identify Hazards:** Inspect for downed power lines (assume all are live), unstable structures, and displaced wildlife.
- Clear Egress Path:** Use the Metal Hatchet *only* to clear light debris directly blocking a critical exit. No major cutting operations.
- Expedient Repair:** Seal any broken window using the Tarp, Nails, and Duct Tape.

Phase 4 — Sustainment & Signaling

- Water Operations:** After consuming water pouches, begin purification. Rainwater collection is ideal; avoid floodwater. Use tablets as backup only.
- Signaling:** Deploy the Bright Orange Help Flag in the most visible location. Use the Survival Whistle with three-blast signals periodically.

 CRITICAL WARNINGS

Warnings, Limits & Safety

 **Medical Liability**

The First Aid Kit is for **minor injuries only** — small cuts, scrapes, burns. It is not a trauma kit. Do not attempt any medical procedure beyond your certified level of training. Improper care can cause greater harm.

 **Tool Safety**

The Metal Hatchet can cause **severe lacerations**. Always wear gloves and eye protection. Ensure your swing path is clear. Never use it as a pry bar or strike it against metal or concrete.

 **Water Contamination**

The filter and tablets are effective against **biological pathogens only**. They do NOT remove chemical pollutants, heavy metals, pesticides, salt, or oil. Avoid water downstream from industrial or agricultural sites.

 **Fire Hazard**

The candle and matches present a **significant fire risk**, especially in a debris-filled environment or where flammable gas may be present. Use only on a stable, non-flammable surface. Never leave unattended.

 **Environmental Hazards**

Treat all **downed power lines as live**. Floodwater is often contaminated with sewage and chemicals. Be aware of unstable structures and displaced, potentially dangerous wildlife at all times.

SECTION 5

Readiness, Inspection & Sustainment

Inspection Schedule

A full inspection of this kit must be conducted every **six (6) months** — typically at the beginning and end of hurricane season.

Inspection & Maintenance Checklist

Consumables

Check expiration dates on Water Pouches and Purification Tablets. Rotate any items expiring within 12 months.

Batteries

Remove from LED Lantern and Flashlight. Inspect for corrosion. Replace **annually** with a fresh, high-quality set regardless of perceived charge.

Tools

Inspect the Hatchet for rust or damage. Ensure clean and dry. Check paracord for fraying or UV degradation.

Fabric Components

Unpack and inspect Backpack, Tarp, Sleeping Bags, and Ponchos for mildew, tears, or seam separation. Ensure fully dry before repacking.

First Aid / Hygiene

Verify all sealed items remain sealed and are within their expiration dates.

Replenishment Protocol

After **any deployment** — whether for an actual emergency or a training exercise — conduct a full inventory. Replace all consumed or damaged items **immediately** to return the kit to mission-ready state.

Storage Requirements

Ideal Location

Climate-controlled, dry, and readily accessible. A primary closet near an exit is optimal.

Avoid

Vehicle trunks or non-insulated sheds for extended periods. Extreme heat severely degrades food, water, and medical supply shelf life.

 **Remember:** A kit that has not been inspected is an unreliable kit. Treat inspection day as a drill — unpack, verify, repack, and re-stage.