



Shoalwater Bay Tribe Auntie Lee Tsunami Tower User Guide

Introduction

The Auntie Lee Tsunami Tower is designed as a crucial safety structure to provide refuge during tsunami events. It stands 33 feet tall at the first deck and reaches 43 feet at the highest deck. The tower is equipped with various supplies and equipment to ensure survival and communication during and after a tsunami event.

Tsunami Event Duration and Aftermath

Tsunami events can last several hours, with multiple waves occurring. It is essential to remain in the tower until local authorities declare it safe to leave. Navigating the ground on foot after a tsunami can be extremely hazardous due to debris, unstable structures, and potential flooding. Always prioritize safety and wait for official clearance before descending.

Deck 1 Overview

- **Patio Heaters:** 2 large patio heaters.
- **Propane Bottles:** Four 20lb propane bottles are stored in the free space on Deck 1.
- **Portable HAM Radios:** Located in Bin: 6 portable HAM radios.
- **Mobile Radio:** Located in Bin 1. Radio power supply in the small metal shed on the west side of Deck 1.

Bin Inventory - Deck 1

1. **Bin 1:**
 - Radio equipment (inside two Pelican cases)
 - Binoculars and tripod
 - 8 cases of water (64 pouches @ 4.2 ounces each)
2. **Bin 2:**
 - Large first aid kit
 - Hand sanitizer
 - 400 mylar ponchos
3. **Bins 3, 4, 5:**
 - 18 cases of water each (64 pouches @ 4.2 ounces each)
4. **Bin 6:**
 - 2 camp showers



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- 2 buckets of coffee
 - 11 cases of water
 - Toilet liner bags
5. **Bin 7:**
- 160 rolls of toilet paper
 - 3 bags of toilet chemicals
6. **Bin 8:**
- 5 solar flashlights
 - 25 – 8'x10' tarps
 - Bungee cords, clamps, and zip ties (for securing tarps to overhead eye beams)
7. **Bin 9:**
- 18 cases of water (64 pouches @ 4.2 ounces each)
8. **Bins 10, 11, 12:**
- 10 cases of Meals Ready to Eat (MREs) each (total of 360 MREs)

Portable Toilets - Deck 1

- Located on the east side in each corner, bright orange for visibility. The 2 camp showers in Bin 6 are for toilet privacy.

Deck 2 Overview

- Bins 13 to 28 are located on Deck 2.

Bin Inventory - Deck 2

1. **Bin 13:**
 - 16 cases of water (64 pouches @ 4.2 ounces each)
2. **Bins 14, 15, 16, 17, 18:**
 - Empty
3. **Bin 19:**
 - 18 cases of water (64 pouches @ 4.2 ounces each)
4. **Bin 20:**
 - Empty



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5. **Bin 21:**
 - 18 cases of water (64 pouches @ 4.2 ounces each)
6. **Bin 22:**
 - 11 cases of water (64 pouches @ 4.2 ounces each)
7. **Bin 23:**
 - Empty
8. **Bin 24:**
 - 4 cases of MREs (12 each box)
9. **Bin 25:**
 - Empty
10. **Bin 26:**
 - 10 cases of water (64 pouches @ 4.2 ounces each)
11. **Bin 27:**
 - 18 cases of water (64 pouches @ 4.2 ounces each)
12. **Bin 28:**
 - 18 cases of water (64 pouches @ 4.2 ounces each)

Safety and Usage Instructions

1. **Stay Calm:** Get the radios turned on and listen to updates from NOAA and other authorities.
2. **Ascend Safely:** Use the stairs to ascend to Deck 1 or Deck 2.
3. **Utilize Heaters:** If needed, turn on the patio heaters to maintain warmth, especially at night. Use the tarps, clamps, bungee cords, and zip ties to create a contained area on deck 1 if needed to contain the heat and create a wind break.
4. **Use Communications Equipment:** Deploy HAM radios and the mobile radio for emergency communication.
5. **Stay Hydrated and Fed:** Use the water pouches and MREs as needed.
6. **Ensure Privacy:** Use camp showers and portable toilets together for privacy.
7. **Maintain Cleanliness:** Use toilet liner bags and chemicals as needed. Use hand sanitizer for cleaning your hands.
8. **Monitor Conditions:** Use binoculars and radios to stay informed about the situation.



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Important Considerations

- **Emergency Power:** Ensure the mobile radio's power supply is connected and functional – power supply for radios is in the metal shed.
- **Ventilation:** If using heaters, ensure some ventilation to avoid carbon monoxide buildup.
- **Shelter from Wind:** Use tarps and bungee cords to reduce wind exposure and contain heat.

Stay vigilant and follow these guidelines to ensure safety and effective use of the Auntie Lee Tsunami Tower.

Battery Backup and Power Usage

The Auntie Lee Tsunami Tower is equipped with a battery backup system designed to provide power for approximately 3 days. This system is crucial for maintaining communication and essential functions during and after a tsunami event.

Important Power Usage Guidelines:

- **Overhead Lights:** Only use the overhead lights when absolutely necessary to conserve battery power. Light switches are located on the corner posts of each deck.
- **Communication Equipment:** Prioritize the use of the mobile/base station radio to ensure continuous communication. This equipment is vital for staying informed and coordinating with emergency services.

By following these guidelines, you can maximize the efficiency and longevity of the battery backup, ensuring that critical systems remain operational during the emergency period.

Evacuation and Safe Destination

When it is clear and safe to do so, descend the tower and proceed toward Eagle Hill Road. This location offers better supplies, sleeping areas, a commercial kitchen, food stores, and additional resources to support you in the aftermath of the tsunami event. Ensure you move cautiously and follow any guidance provided by local authorities.