

National Nuclear Security Administration / Remote Sensing Laboratory Consequence Management Logistics Requirements Form

Upon activation of CM assets, this form can be used to help meet the logistical requirements of the deployment.

General Information

Name of Response Asset: **CMRT Phase I**

The logistical considerations behind a NNSA CM response are considerable. For a Phase I deployment, ~3,400 lbs. of equipment is moved in addition to the personnel required for the response. The CM phases will bring their own scientific and communications equipment to fulfill the mission, but other logistical needs must be met in order for the mission to be a success. This form outlines the personnel, equipment, and method of transportation that will be used to respond to a given location, as well as the logistical needs required to facilitate the response. Local authorities need not provide all of the following items, but should be able to supply information to the CMHT to ensure the necessary items are in place once the CM deployable teams arrive. Sections are denoted where local procurement would be most beneficial.

This phase consists of 25 personnel. It is assumed that all accommodations, meals, and rental cars will be arranged through the CMHT and all information regarding local accommodations and rental agencies should be directed to the Home Team Contact during initial activation.

Transportation

Deployment mode of transportation (**CMRT Phase I will arrive via**):

- Commercial Air (for passengers)
- Charter Air (for passengers/equipment)
- Military Air (for passengers/equipment)
- Ground (for equipment)

Whatever mode of transportation is made available that will ensure the most rapid departure will be utilized.

Additional information:

Special airstrip requirements:

Military Airlift:

90 ft. X 5000 ft. (C-5 or C-17)

90 ft. X 4000 ft. (C-130)

147 ft. X 5000 ft. (KC-135*)

Commercial / Charter Airlift:

100 ft. X 7400 ft. (747-200F)

100 ft. X 6000 ft. (727-XXX)

***A shoulder of 10-50 ft. is required on either side of the runway for this type aircraft.**

If deployed via airlift, equipment will require ground transportation from its point of debarkation to the response site. This equipment should be arranged for through local channels and be on hand when the Phase I Team arrives at the airfield.

Number of flatbeds/box truck required: **One 10 ft. (or larger) box truck**

Weight of incoming load: **~3,400 lbs. loaded on either:**

- **One 463L (88" X 108") military pallet**
- **Six 40" X 48" mini-pallets (floor-loaded)**
- **Free-loaded on aircraft (belly-loaded)**

It is assumed that if ground transportation is utilized, no assistance from local authorities will be required to relocate to the response site.

Load/Equipment Handling

Material handling equipment required: This equipment should be arranged for through local channels and be on hand when the Phase I Team arrives at the airfield.

- One 10K forklift for on/off-loading of pallet (if cargo is palletized)
- One K-Loader* (if pallet is transported via military air)

*A K-Loader is a large military-style vehicle used to off-load palletized equipment from military aircraft.

Operations Center Communication Requirements

Communications requirements: The facility selected should have at a minimum the following

- a. Number of phone lines: **2**
- b. Number of high speed data lines: **1**

The CMRT deploys with telephone equipment and portable radios.

Operations Center Space Requirements

Required warehouse storage space (square footage and height): **200 sq. ft. up to 60" high**

Footprint of equipment while in use (square footage needed): **2,000 sq. ft. (minimum)**

Required office space: **2,000 sq. ft.**

Operations Center Power/Electrical Requirements

Number of electrical outlets (if needed):

Three 20 amp AC outlets (minimum). This converts to 3,000 watts.

Additional requirements:

- 1. Parking for up to 20 vehicles**
- 2. Latrines for up to 40 people**

Miscellaneous Requirements

Where practicable, provide the following information to the CM Home Team, as well as have ready to provide to arriving team.

- 1. Local medical facilities and/or hospitals**
- 2. Vendors for liquid nitrogen and fuels**
- 3. Personnel for facility security**

Contact Information

Deployed Point of Contact: (Deployed POC may be en-route to the response site during the first six hours following activation and therefore may not be immediately available. Direct all contact to the Home Team if POC is unreachable during that time.)

- a. Name:**
- b. Cell Phone Number:**
- c. Pager:**
- d. Fax**

Additional Information

Non-Deployed (Home Team) Point of Contact:

- a. Name:**
- b. Phone Number:**
- c. Fax:**

Additional Information - (other needs as discussed situation dependant)