



## **Job Performance Review**

**Basic Box Cribb**

## **Individual Level Competency**

### **JPR Title**

Basic Box Crib

### **JPR Number**

JPR-TR-18

### **Reference**

NFPA 1670 – Standard on Operations and Training for Technical Search and Rescue Incidents  
NFPA 1006 – Standard for Technical Rescuer Professional Qualifications  
IFSTA Essentials of Firefighting  
ATFD Standards of Cover and Risk Analysis

### **Performance Criteria**

Firefighter is able to articulate the various aspects of the safe operation of producing a basic box crib for basic stabilization for technical rescue applications.

Firefighter is able to effectively demonstrate the principles of building a basic box crib.

### **Time Parameters**

Safe and Efficient Manner

### **Safety Precautions**

Space allocation to prevent injury to self or others while operating  
Appropriate PPE  
Attention to surroundings

### **Procedure**

With an available supply of pre-established 4” x 4” cribbing, the firefighter shall build out a basic box crib.

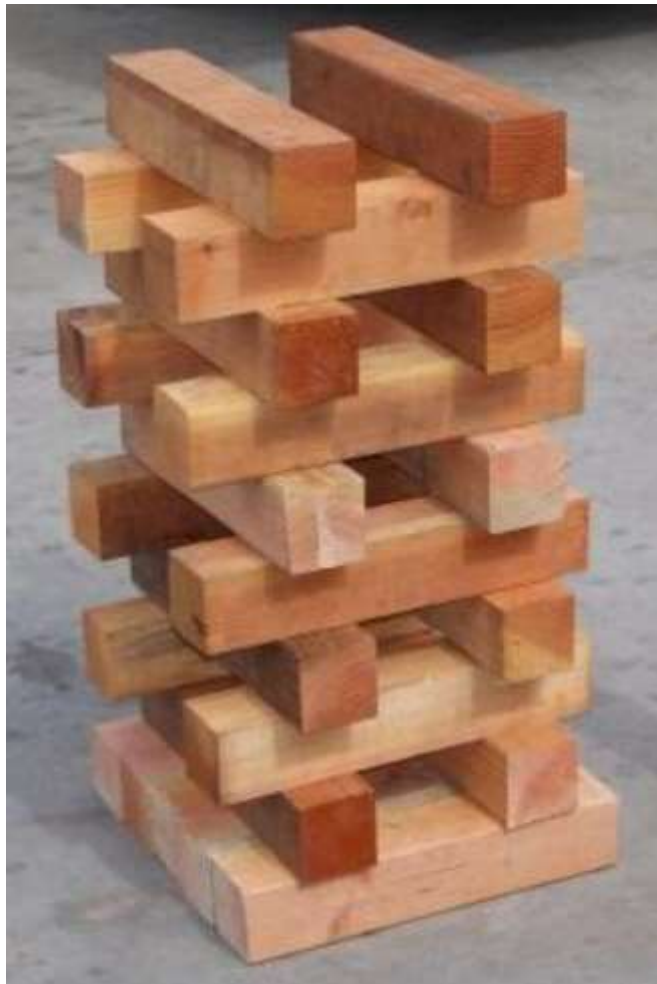
Firefighter is able to effectively articulate the following:

Rescue personnel within the fire service are accustomed to using shoring on a regular basis. The broad definition for shoring is the temporary support of structures during construction, demolition, reconstruction, etc. in order to provide stability that will protect property as well as workers and the public.

In the fire service the definition would also include:

- temporary support of structures, vehicles and objects during emergency incidents and training
- to provide stability
- to remove the suspension qualities of a vehicle
- to bring an object to a solid state
- to minimize the hazards associated with movement of objects
- to protect rescuers and victims, and property

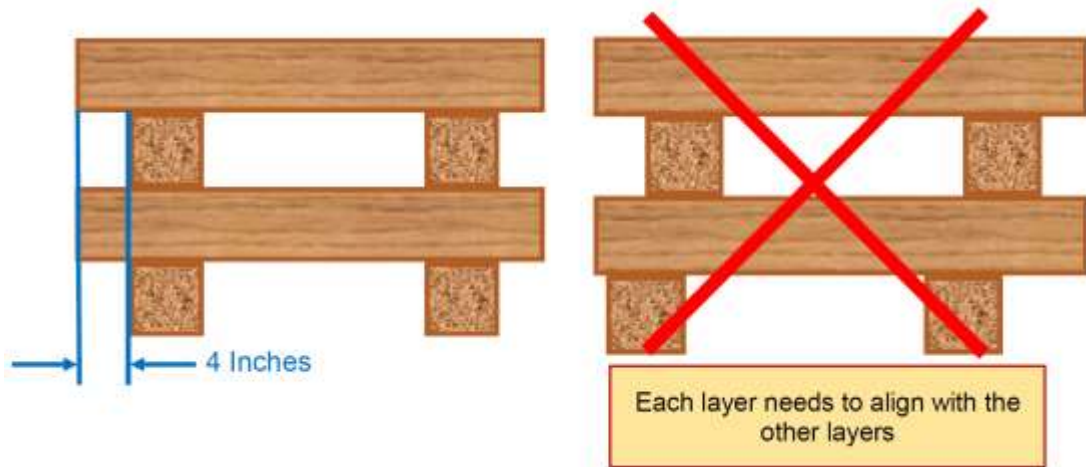
The box crib will resemble “Lincoln Logs,” the children’s tool erector set. Stacking two layers of cribbing perpendicular to one another starts to create the “box.” Adding additional layers following the same crisscross pattern will allow the box to grow.



**Above - Basic Box Crib**

The maximum height to width ratio is **3 to 1** for the Basic Box Crib. So if your piece of cribbing is 20 inches long the maximum height of the box will be 60 inches.

4 inches of wood at the end shall be exposed as follows:



If this box crib is built in the above fashion, it will support a maximum weight of 24,000 pounds.

It is recommended to limit the height of box cribs using 4x4 lumber to 4 feet.

#### **Firehouse Software Evaluator Notes**

Link to “General Training in the Rescue Section” of FHS

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