



WESTBURY FIRE DEPARTMENT

Hose Company #2



Mechanical Advantages - 2:1 & High Point Bags

Name/Badge: _____ Co: _____ Evaluation Type: _____

Instructor/Badge: _____ Instructors Signature: _____ Date: _____

Understanding Mechanical Advantages and their potential uses	NO	YES
Does the FF recognize what is being achieved by using a mechanical advantage		
Does the FF recognize the differences between in dept's 2:1 bag and High Point Bag		
Does FF recongize when to use a 2:1 and its advantages/disadvantages		
Does FF recongize when to use a High Point and its advantages/disadvantages		
Does Firefighter understand Mechanical advantage applications		
Using the Departments 2:1 Mechanical Advantage Bag	NO	YES
Does FF recognize the bag selected is actually 2:1 and Not High Point		
Does FF recognize the bag is already prepacked and ready for deployment		
Does FF Know the Yellow Caribiner will be affixed to an ANCHOR preferable by means of a tensionless hitch and will anchor 1/2 pulling weight		
Does FF Know the White Caribiner will be affixed to the LOAD that will be pulled		
Does FF Know a 2:1 will divided the weight being pulled by 1/2		
Does FF know 200' rope in 2:1 system = 100' working distance		
Has Firefighter Displayed Compentacy in use of Dept's 2:1 Bag/System		
Using the Departments High Point Mechanical Advantage Bag	NO	YES
Does FF recognize the High Point Bag is actually 3:1 system and Not a 2:1		
Does FF recognize the bag is already prepacked and ready for deployment		
Does FF Know the Yellow Caribiner will be affixed to an ANCHOR preferable by means of a tensionless hitch and always above opening rescuing from		
Does FF Know the White Caribiner will be affixed to the LOAD being hauled		
Did FF drop the bag under the ladder being utilized for rescue and walk the preset anchor/load caribiners up the ladder, 2-3 rungs over the opening the rescue will be made from		
Did the FF safely affix the Anchor to a point on the ladder above opening		
Did the FF remove the Load Caribiner from the Anchor's and walk it down the ladder and hand it to the crew doing the rescue inside		
Once Load caribiner is handed off, did FF proceed down the ladder and communicated with rescue team, feeding rope until load is secured to system		

Once load is secured, was remaining rope in bag zig zaged through rungs in ladder creating point of friction, helping to reduce weight on load		
Did 1 FF on System Pull downward on rope helping pull load while other FF pulled tension on ropes slack, maintain the distance that was achieved		
Once Load is out window and suspended, was area under ladder cleared of any personnel in case the system fails		
Was the load slowly lowered by the FF until it's on the ground level		
Was the Load safely removed from the system		
Has Firefighter Displayed Competency in use of Dept's High Point System		

Instructor Notes