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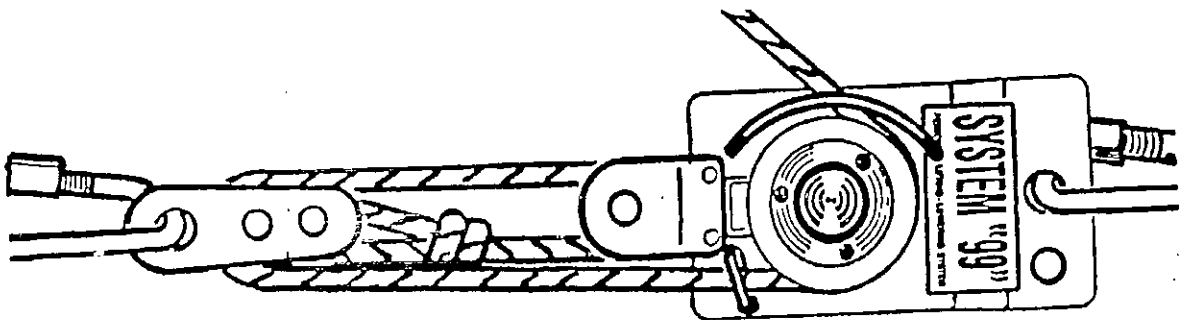
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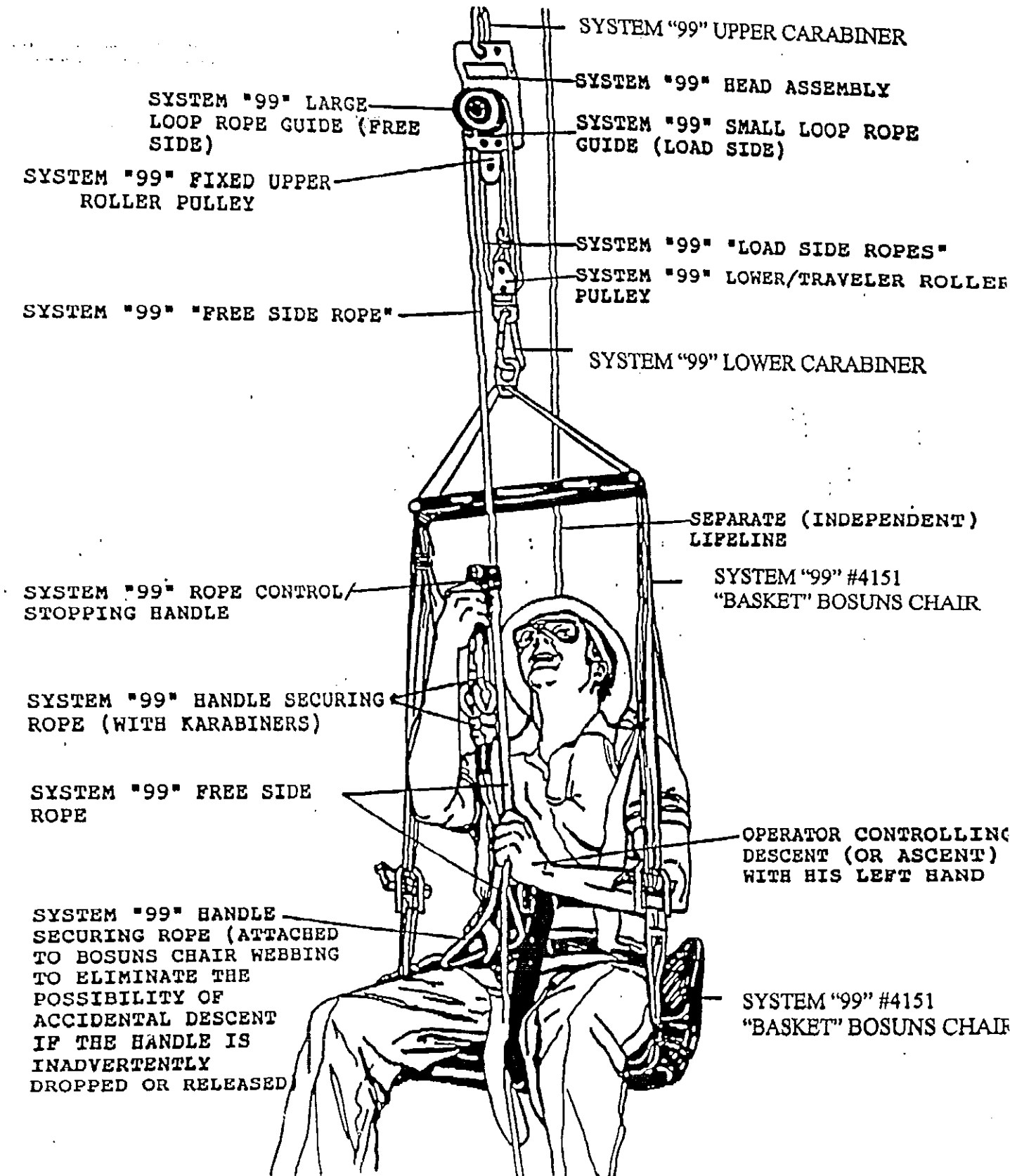
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# SYSTEM "99"

**PERSONNEL LIFTING - LOWERING SYSTEM**

**Instruction and Maintenance Information**





## SYSTEM "99" PERSONNEL LIFTING-LOWERING SYSTEM

### OPERATING INSTRUCTIONS AND MAINTENANCE INFORMATION

FrenchCreek Production presents the SYSTEM "99" PERSONNEL LIFTING-LOWERING SYSTEM, the most versatile Rescue and Utility System available today. This light-weight, compact universal system can be set up in a few seconds and can perform a wide variety of functions. One person can operate this system and can raise and lower himself/herself without the assistance of a co-worker.

#### SYSTEM COMPONENTS:

The SYSTEM "99" Head Assembly--  
The Fixed Upper Roller-Pulley--  
The Traveler/Lower Roller Pulley--  
The "FCP" 3/8" Rope (100 Feet or more)--  
The Rope Control/Stopping Handle--  
The Handle Securing Rope--  
The Carabiner Snap-Hooks (Minimum of 3)--

#### PRE-USE CHECK LIST:

VISUALLY AND PHYSICALLY CHECK ALL ROPES: Make sure that the rope is not cut or frayed, you should "NOT" be able to see the inner core of the rope through the outer-sheathing. Make sure that the rope is clean, has "NO" lumps, soft spots or depressions in it. Make sure that the knots with seal or the ferrules at the bight (load side termination end) of the rope are in place and are tight. Make sure that the rope is routed properly through all rope guides and is wound around the rope drum properly (clockwise). Make sure that the free side rope has both half hitch knots in place at its end and that both of the half hitch knots are very tight.

CHECK THE SYSTEM "99" HEAD ASSEMBLY AND THE PULLEYS: Make sure the drum turns freely counter-clockwise and does not turn clock-wise. Make sure that all rope guides are not bent or broken. Inspect the back of the Head Assembly backing plate and make sure that all through fittings are bolted in place and are tight. Make sure that the roller-pulleys turn freely and are not bent or broken. Make sure that the roller-pulley mounting bolts with nuts are complete and are tight.

MAKE SURE THAT ALL CARABINERS ARE COMPLETE AND FUNCTION PROPERLY: Make sure that the carabiners are not bent and that they open and close properly. Make sure that the locking mechanism (knurled manual lock nut or autolock gate) are in place and that it opens and closes fully and easily.

CHECK THE ROPE CONTROL/STOPPING HANDLE: Make sure that the handle is not cracked or broken. Make sure that the Safety Catch Lever and the Rope Travel Release levers are in place, and that both levers are held closed by their built in springs, but will open freely. (See handle picture - following page).

## SYSTEM "99" OPERATING AND MAINTENANCE INSTRUCTIONS

### SELF-DESCENT USING THE SYSTEM "99" (CONTINUED):

Attach the Handle securing rope from the handle to the same mounting point that the load carabiner is attached. The separate lifeline must then be attached to the back or rear dee ring of the workers full body harness, bosuns chair, or "99" basket chair. You then grip the free side rope with one hand just below the handle. While you keep tension on the rope with one hand, rip the handle with the other hand and gently push (slide) the handle toward the head assembly until the rope travel release lever opens slightly. Once the rope release lever opens, hold it open with your finger or thumb. The handle is now in the descent ready position. By allowing the free side rope to slide through your hand (it will also be sliding through the rope travel housing), you will be lowered in a controlled descent either slowly or rapidly...as you decide.

SELF-ASCENT WITH THE SYSTEM "99": Grip the rope control handle with one hand. Slide the handle toward the Head Assembly. Using both hands on the rope control/stopping handle apply pressure in a downward pull sufficient enough to lift yourself. Once you have the handle pulled down as far as you can reach, hold the free side rope below the handle with your free hand and slide the handle up as far as you can reach toward the head assembly while you are holding the rope under the handle in a stationary spot. Once you have the handle up as far as it will go, transfer your holding tension back to the handle and move your other hand up to the handle and repeat your pulling down stroke. Repeat this sequence until the desired lift (ascent) is completed.

MAINTENANCE AND STORAGE INSTRUCTIONS: The SYSTEM "99" is designed to function in extreme conditions. The special rope is treated to withstand ultraviolet rays (Sunlight), is rot resistant, and is mildew resistant. You should always store the SYSTEM "99" in a clean dry location. Avoid oil or chemical contamination, prolonged direct sunlight or vapors and caustics. The SYSTEM "99" drum assembly and roller-pulleys are designed to be maintenance free. If exterior cleaning is required, use a damp cloth. Do not immerse in water or use any lubricants. If the rope becomes dirty wash it with clean clear water. Once the rope has been washed clean it should be air-dried, out of direct sunlight. The rope should be fully dry before it is placed back into its storage container. It should be laid in and pushed down. Do not coil the rope as it may become twisted or tangled. If the SYSTEM "99" is used regularly, the entire system "MUST" be sent to FrenchCreek Production for a complete inspection once a year. If the SYSTEM "99" is not used on a regular basis, the entire system should be sent back to FrenchCreek Production for a complete inspection every two years.