

**Summary Report for Individual Task  
551-88H-2517  
Rig Yard-and-Stay With a Double Purchase  
Status: Approved**

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DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

**Condition:** Assigned as a Senior Crane Operator in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, an Operation Order/Operation Plan (OPORDER/OPLAN), safety briefing, safety equipment, cargo , ship's gear, two 12- or 14-inch blocks, four screw-type shackles with a capacity equal to or exceeding the safe working load (SWL) of the boom or doubled-up cargo runners (whichever is less), and TC 4-13.17. This task should not be trained in MOPP 4.

**Standard:** Rig yard-and-stay with a double purchase without injury to personnel or damage to equipment.

**Special Condition:** None

**Safety Level:** Medium

**MOPP:** Never

<b>Task Statements</b>
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**Cue:** You are assigned as a Senior Crane Operator tasked with rigging the winch for Yard-and-Stay with a Double Purchase.

**DANGER**

Adhere to all DANGER statements listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to the equipment.

**WARNING**

Adhere to all WARNINGS listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to the equipment.

**CAUTION**

Adhere to all CAUTIONS listed in the equipment technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to the equipment.

**Remarks:** None

**Notes:** None

### Performance Steps

1. Reeve the ends of the cargo runners through 12- and 14-inch blocks (see Figure 3-130).  
Note: Ensure the guys and preventers are in excellent condition and are equalized as much as possible.
2. Shackle the ends of each cargo runner to the doubling-up pad eyes.
3. Secure the ends of the cargo to the booms, if the booms are equipped with doubling-up pad eyes.
4. Secure the ends of the cargo runners to the bottom of the head block, if the booms are not equipped with doubling-up pad eyes.
5. Marry the two blocks together.
6. Raise the booms to the desired height.
7. Spot the booms for regular yard-and-stay operation.
8. Correct any deficiencies.

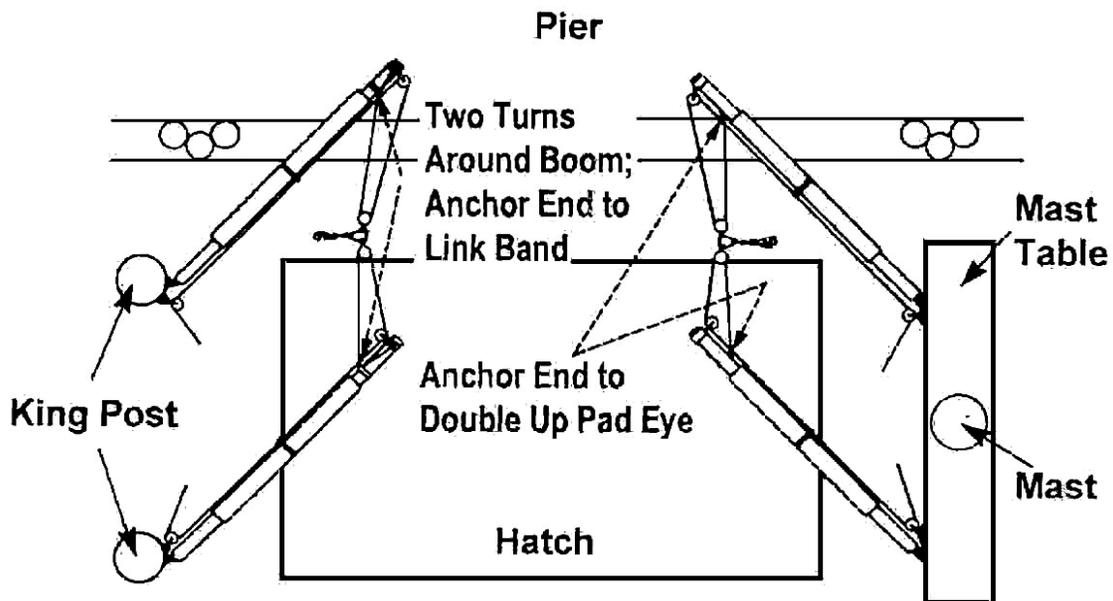


Figure 3-130  
Rigging a Yard-and-Stay With a Double Purchase

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step is failed (F). If the Soldier fails any step, show what was done wrong and how to do it correctly.

**Evaluation Preparation:** Ensure that all needed equipment is available and serviceable in order to properly evaluate the Soldier's performance. Tell the Soldier that he/she will be evaluated on rigging yard-and-stay with a double purchase.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Reeved the ends of the cargo runners through 12- and 14-inch blocks.			
2. Shackled the ends of each cargo runner to the doubling-up pad eyes.			
3. Secured the ends of the cargo to the booms, if the booms were equipped with doubling-up pad eyes.			
4. Secured the ends of the cargo runners to the bottom of the head block, if the booms were not equipped with doubling up pad eyes.			
5. Married the two blocks together.			
6. Raised the booms to the desired height.			
7. Spotted the booms for regular yard-and-stay operation.			
8. Corrected any deficiencies.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	TC 4-13.17	Cargo Specialist's Handbook	Yes	Yes

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste.

Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take. Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained:

- Hazardous materials program.
- Hazardous waste program.
- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program.
- Spill prevention and response plan program.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility.
- (b) Practice safe operations.
- (c) Recognize unsafe acts and conditions.
- (d) Take action to prevent accidents.

- (e) Report unsafe acts and conditions.
- (f) Work as a team.

All Soldiers and leaders must maintain a proactive posture towards safety in day-to-day operations. The need for total commitment to safety should be evident to commanders, senior Soldiers, and their subordinates. The importance of safety is intensified for personnel conducting cargo boom operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions and remain aware of the following:

- " Hearing protection requirements
- " Danger of suspended loads
- " Danger from use of ship's gear

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-2528	Check Winch Operations	551 - Transportation (Individual)	Analysis Completed
551-88H-1502	Prepare Electric Winches for Operation to Load or Discharge Cargo	551 - Transportation (Individual)	Analysis Completed
551-88H-1503	Operate Electric Winches to Load or Discharge Cargo	551 - Transportation (Individual)	Analysis Completed

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-4508	Monitor Marine Terminal Operations	551 - Transportation (Individual)	Analysis

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-1407	Conduct Pierside Operations to Discharge and Load Cargo	55 - Transportation (Collective)	Approved
55-2-1406	Conduct Cargo Operations to Discharge and Load Breakbulk Cargo	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW