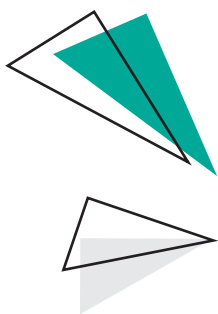


# SYSTEM SAILING

*SAILING WITH NUMBERS*

CRUISING & SHORT-HANDED SAILING



# THE GOAL

System Sailing is almost more valuable to cruisers and short-handed sailors than any other type of sailing. Having a system enables you to not only enjoy sailing and have a better experience, it also gives you more confidence. Not to mention, with a good set of systems in place that work for your style of sailing, you'll find it easier to get out on the water and sail more.

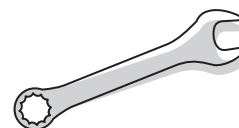
## THE FOUNDATION



## HOW TO USE THIS PLAYBOOK

This Playbook is designed to help you take an organized and systematic approach to your boat, sails, goals, and roles. Use this cruising playbook to help set you up to have better experiences on the water no matter what comes your way. This playbook was designed to be flexible to allow you to make it your own and to best suit your program. For best results, use this as a companion to Quantum's System Sailing series with Wally Cross on QuantumSails.com. Whatever kind of sailing you're doing and wherever the wind may take you, we hope you will find this to be a helpful resource to improve your enjoyment on the water.

# MAINTENANCE LOG



YEAR: \_\_\_\_\_ BOAT: \_\_\_\_\_

## UNDERWATER

### CONDITION NOTES

<input type="checkbox"/> KEEL	WIDTH OF TRAILING EDGE _____
<input type="checkbox"/> RUDDER	WIDTH OF TRAILING EDGE _____
<input type="checkbox"/> BOTTOM FINISH	AGE _____
<input type="checkbox"/> PROPELLER	AGE _____
<input type="checkbox"/> CENTER SEAM	
<input type="checkbox"/> SCUPPERS	
<input type="checkbox"/> TRANSOM	
<input type="checkbox"/>	

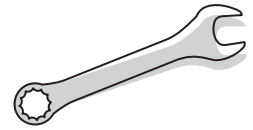
## DECK & HULL

### CONDITION NOTES

<input type="checkbox"/> HULL	
<input type="checkbox"/> SET UP / LAYOUT	
<input type="checkbox"/> DECK FINISH	AGE _____
<input type="checkbox"/> STANCHIONS & DECK LINES	AGE _____
<input type="checkbox"/> MARKS	
<input type="checkbox"/> SHEET BAGS	
<input type="checkbox"/>	
<input type="checkbox"/>	



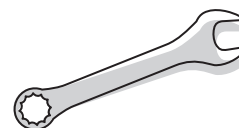
# MAINTENANCE LOG



HARDWARE		CONDITION NOTES
<input type="checkbox"/> WINCH SYSTEMS		
<input type="checkbox"/> CLEATS & STOPPERS		
<input type="checkbox"/> BLOCKS		
<input type="checkbox"/> TRACKS		
<input type="checkbox"/> MAST & HARDWARE		
<input type="checkbox"/> RIGGING HARDWARE		
<input type="checkbox"/> BOOM & VANG		
<input type="checkbox"/> TILLER / WHEEL		
<input type="checkbox"/> INSTRUMENTS & GAUGES		
<input type="checkbox"/> WINDEX		
<input type="checkbox"/> SPINNAKER POLE / SPRIT		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		



# MAINTENANCE LOG



LINES		NO. OF DAYS / AGE	CONDITION NOTES
HALYARD	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
SHEETS	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
CONTROL LINES	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
SPARE / OTHER	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		

# INVENTORY CHECKLIST



## DOWN BELOW

## CONDITION NOTES


<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

COMMON EQUIPMENT: Spare parts, spare lines, radios, anchor, tools, sail repair kit, safety gear, docking gear, boat hook, etc.




# SAILS




<b>MAINSAILS</b>	<b>NO. OF DAYS / AGE</b>	<b>INSPECTION DATE</b>		<b>CONDITION / SERVICE WORK NOTES</b>
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	

<b>HEADSAILS</b>	<b>NO. OF DAYS / AGE</b>	<b>INSPECTION DATE</b>		<b>CONDITION / SERVICE WORK NOTES</b>
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	

<b>DOWNWIND SAILS</b>	<b>NO. OF DAYS / AGE</b>	<b>INSPECTION DATE</b>		<b>CONDITION / SERVICE WORK NOTES</b>
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	
			<input type="checkbox"/>	



**SAIL SHAPE PHOTOS:** Document sail shape at least annually. These photos not only helps when is comes to troubleshooting performance issues, they can also enable your sailmaker to recut your sails to extend their lifespan.





## SAIL COVERS & CANVAS





# THE CREW

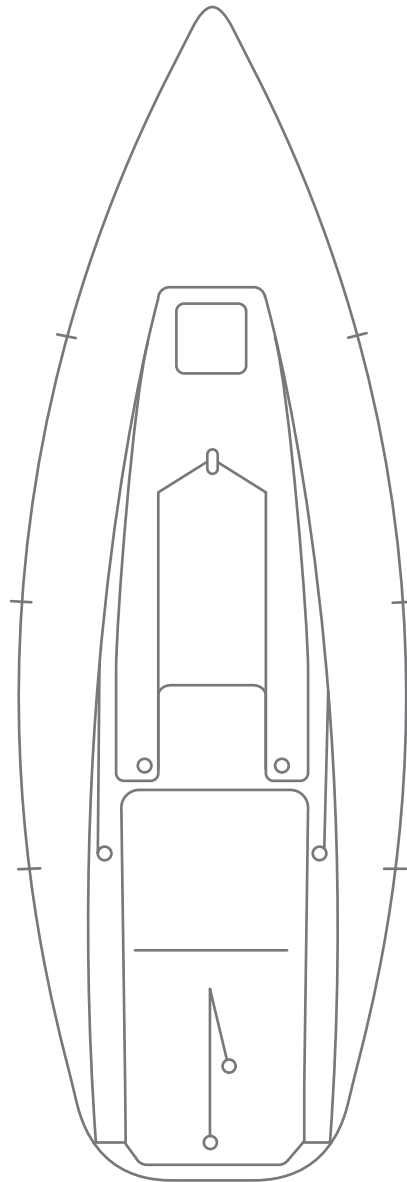
No matter how many people are onboard, who is onboard, or what kind of sailing you're doing, it's important to lay the groundwork for a fun and stress-free sail. The best way to ensure success is with clear communication, and a clear understanding of everyone's roles.

## THE FOUNDATION



### HOW TO USE THIS PLAYBOOK

The Foundation Playbooks in this series are designed to help you take an organized and systematic approach to your boat, roles, plans, and goals. Use this crew playbook to document and log the roles on your boat and their responsibilities during maneuvers. This playbook was designed to be flexible to allow you to make it your own to best suit your program. For best results, use this as a companion to Quantum's System Sailing series with Wally Cross on [QuantumSails.com](https://www.QuantumSails.com). Whatever kind of sailing you're doing and wherever the wind may take you, we hope you will find this to be a helpful resource to improve your enjoyment on the water.



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Use the diagram above to label each position and to show the approximate location where each one operates on the boat. Being clear about crew positions allows for maneuvers to run more smoothly, which leads to all around better sailing!

# ***ROLE DEFINITIONS***

**ROLE:** \_\_\_\_\_

KEY RESPONSIBILITIES: \_\_\_\_\_

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**ROLE:** \_\_\_\_\_

KEY RESPONSIBILITIES: \_\_\_\_\_

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**ROLE:** \_\_\_\_\_

KEY RESPONSIBILITIES: \_\_\_\_\_

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**ROLE:** \_\_\_\_\_

KEY RESPONSIBILITIES: \_\_\_\_\_

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**ROLE:** \_\_\_\_\_

KEY RESPONSIBILITIES: \_\_\_\_\_

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# BOAT SET-UP & TEAR DOWN



**SET-UP**

**TEAR DOWN**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# UPWIND



**LIGHT AIR**

**HEAVY AIR**

**CREW**

NOTES \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# DOWNWIND



**LIGHT AIR**

**HEAVY AIR**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





**LIGHT AIR**

**HEAVY AIR**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





**LIGHT AIR**

**HEAVY AIR**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





# SPINNAKER SET

**LIGHT AIR**

**HEAVY AIR**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# SPINNAKER DOUSE



**LIGHT AIR**

**HEAVY AIR**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# ADDITIONAL



**MANEUVER:**

**MANEUVER:**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# ADDITIONAL



**MANEUVER:**

**MANEUVER:**

CREW			

NOTES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





# THE PLAN

“A goal without a plan is just a wish,” so the famous quote goes. It’s just as applicable to what you want to do with your sailing program. Whether it’s as big as a bucket-list trip or as simple as teaching your kids to sail, the first step is to identify your goal and make a plan to get there.

## THE FOUNDATION



### HOW TO USE THIS PLAYBOOK

The Foundation Playbooks in this series are designed to help you take an organized and systematic approach to your boat, crew, plans, and goals. Use this planning and goal setting playbook to clearly communicate where you want to go and create a clear plan to get there. This playbook was designed to be flexible to allow you to make it your own and to best suit your program. For best results, use this as a companion to Quantum’s System Sailing series with Wally Cross on QuantumSails.com. Whatever kind of sailing you’re doing and wherever the wind may take you, we hope you will find this to be a helpful resource to improve your enjoyment on the water.

# SET YOUR ULTIMATE GOAL



## WHAT IS YOUR ULTIMATE GOAL?

What is it that you and your team want to achieve in the long-run? This is where you dream big—realistic, but big. Ultimate goals are often a bit complex with lots of moving pieces, which is why workbooks like this are great for organizing the elements and making an action plan.

**ULTIMATE GOAL:** \_\_\_\_\_

DETAILS/NOTES



1	2	3	4	5
<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>	<hr/> <hr/> <hr/>
DESCRIPTION:	DESCRIPTION:	DESCRIPTION:	DESCRIPTION:	DESCRIPTION:

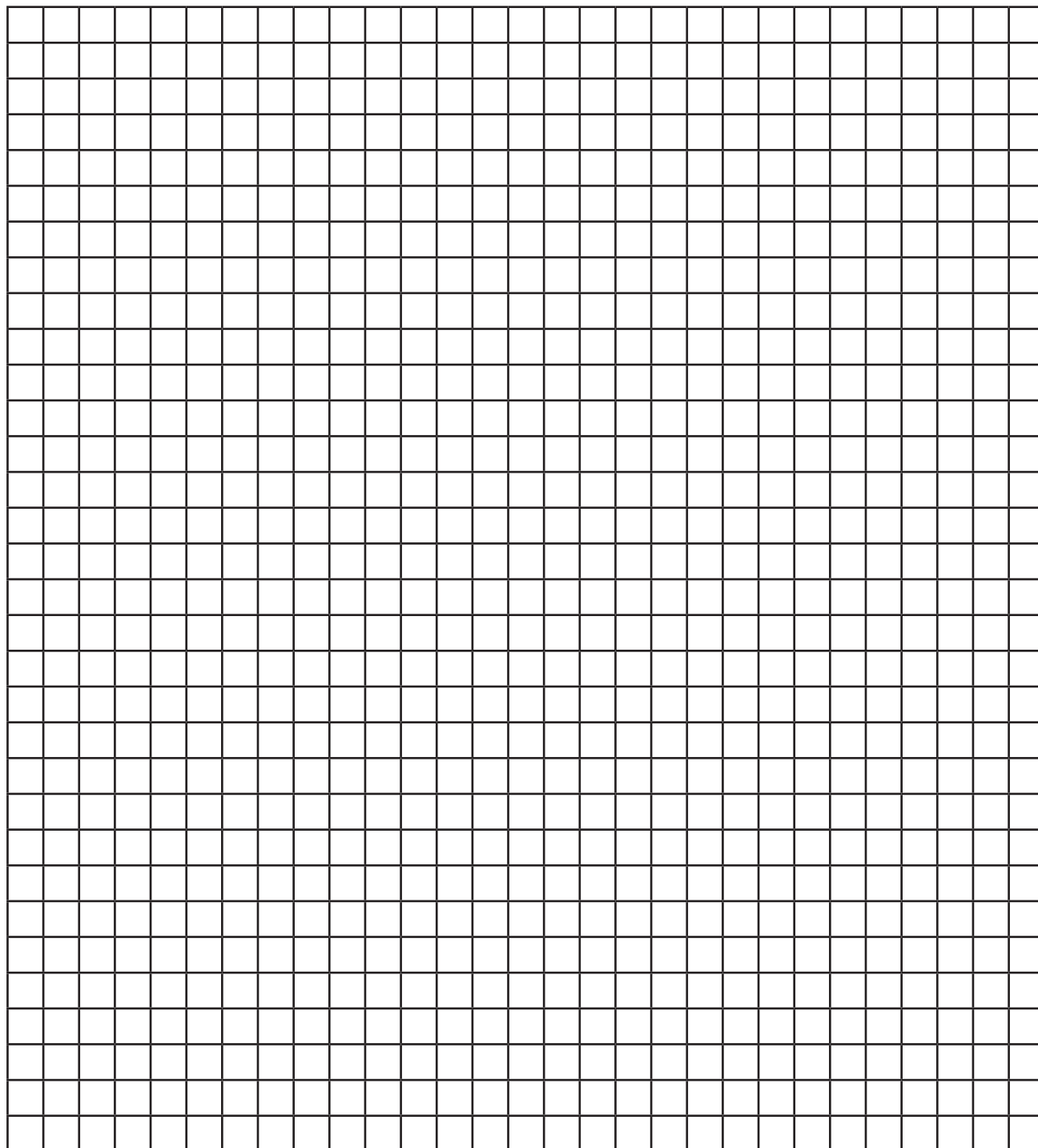
DATE: \_\_\_\_\_

☐ COMPLETED

# ***CROSS-OVER CHART***



TRUE WIND ANGLE



TRUE WIND SPEED







# THE NUMBERS

Creating a system of measurement tools on your boat is key to being able to reproduce settings and get a good handle on what works. This gives you and those you're sailing with confidence, especially in difficult situations.

## **THE FOUNDATION**



## **HOW TO USE THIS PLAYBOOK**

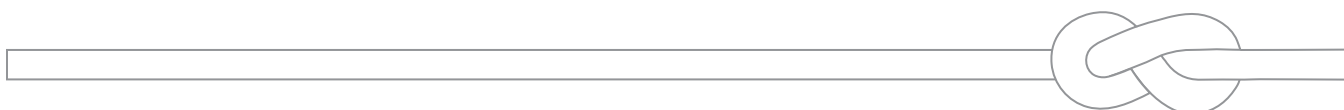
The Settings & Tuning Playbook is designed to help you take an organized and systematic approach to the settings on your boat. Use the charts and diagrams in this playbook to log what works so it's easy to repeat. This playbook was designed to be flexible to allow you to make it your own and to best suit your program. For best results, use this as a companion to Quantum's System Sailing series with Wally Cross on [QuantumSails.com](https://www.QuantumSails.com). Whatever kind of sailing you're doing and wherever the wind may take you, we hope you will find this to be a helpful resource to improve your enjoyment on the water.

# HALYARDS



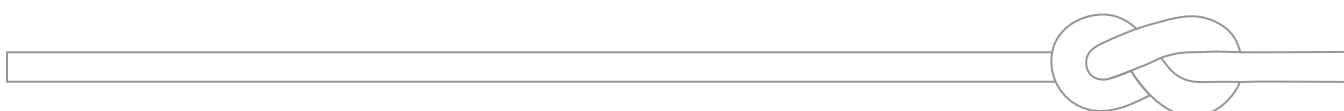
**HALYARD:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



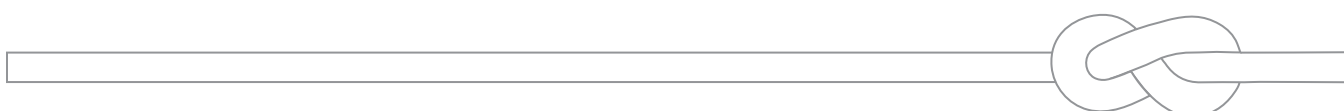
**HALYARD:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**HALYARD:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**HALYARD:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# SHEETS



**SHEET:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

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**SHEET:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

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---

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**SHEET:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

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---



**SHEET:** \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

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# SAIL CONTROL CHART



## HALYARDS

## SHEETS

UPWIND

(TWS)	MAIN	HEADSAIL					MAIN	HEADSAIL			
0 TO 4											
5 TO 6											
6 TO 8											
8 TO 10											
10 TO 12											
12 TO 14											
14 TO 18											
18 TO 20											
20 TO 23											
24 TO 26											
26+											

## HALYARDS

## SHEETS

DOWNWIND

(TWS)	MAIN	SPINN					MAIN	SPINN			
0 TO 4											
5 TO 6											
6 TO 8											
8 TO 10											
10 TO 12											
12 TO 14											
14 TO 18											
18 TO 20											
20 TO 23											
24 TO 26											
26+											





# SAIL CONTROL CHART

UPWIND

(TWS)	BACKSTAY	CUNNINGHAM	OUTHAUL	TRAVELER	BOOM VANG	JIB LEAD
0 TO 4						
5 TO 6						
6 TO 8						
8 TO 10						
10 TO 12						
12 TO 14						
14 TO 18						
18 TO 20						
20 TO 23						
24 TO 26						
26+						

DOWNWIND

(TWS)	BACKSTAY	CUNNINGHAM	OUTHAUL	TRAVELER	BOOM VANG
0 TO 4					
5 TO 6					
6 TO 8					
8 TO 10					
10 TO 12					
12 TO 14					
14 TO 18					
18 TO 20					
20 TO 23					
24 TO 26					
26+					



# TUNING GUIDE

**BOAT NAME:****DATE:**

**TWS**

## Knots

## UPPERS

Turns from base

## LOWERS

Turns from base

# UPPERS

## Tension

## LOWERS

## Tension

[illegible]

## BASE SETTINGS

CALIPER #'S	UPPERS	LOWERS	HEADSTAY	RAKE	PREBEND AT SPREADERS
PORT	mm	mm	mm		
STARBOARD	mm	mm	mm	Headstay Tension	
LOOS GAGE #			mm		

**\*\*Use Calipers to measure distance between turnbuckles once rig is set up at base for repeatability. Record here on this chart.**









# NOTES



***TO-DO***

[illegible]