

# J/70 QUICK TUNE CHART

VERSION 10 - SPRING 2019



TWS	UPPERS	LOWERS	UPPERS	LOWERS	JIB LEAD	WIND SHEET	TRAVELER	VANG	BACKSTAY	JIB FURL
Knots	Turns from base	Turns from base	Tensions PT-2	Tensions PT-2	Holes showing in front	Weather Jib Sheet on	Upwind	Upwind	Upwind	Downwind
0 to 4	-4	-2	9	3" of Slop	4	1 to 4"	Max	0	0	In
5 to 6	-2	-1	15	6	5	4"	Max	0	0	In
6 to 8	Base	Base	18	8	6	4" to 7"	Up 8"	Just Firm	0	In
8 to 10	+1	+1	20	12	*6-7	5" to 8"	Up 8"	Just Firm	25%	In
10 to 12	+3	+2	22	14	7	5" to 8"	Up 6"	25%	25%	In
12 to 14	+5	+3	24	16	7	4" to 8"	Up 6"	50%	50%	In
14 to 18	+6	+4	26	20	7	3" to 6"	Up 4"	75%	75%	In/Out
18 to 20	+7	+5	28	24	8	2" to 5"	Center	80%	80%	Out
20 to 23	+8	+6	29	26	8	1" to 4"	Center	100%	90%	Out
24 to 26	+8	+7	29	28	8	1"	Center	100%	100%	Out
26 +	+9	+8	30	29	8	—	Center	100%	100%	Out

\*All turns from Base 6 to 8 knots TWS

## BASE SETTINGS

CALIPER #'S	UPPERS	LOWERS	HEADSTAY	RAKE	PREBEND AT SPREADERS
PORT	_____ mm	_____ mm	_____ mm	57"	
STARBOARD	_____ mm	_____ mm	_____ mm	Headstay PT-2#	2.5" or 64 mm
LOOS PT-2 #	18	8	_____ mm	15	

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

Also add tape marks to your spreaders at 18", 20" and 22" from the side wall of the mast. This will help with jib leech set up and quick leech adjustments upwind.

To measure your rake, mark the headstay at the top of the white band on the mast near the gooseneck. Measure from this mark to the center of the top headstay pin in the jib furler. This is the pin just below the headstay turnbuckle. This number should be 57" at the base set up and will not change.

To measure your prebend place your main halyard at your goosneck and pull tight. Then measure from the back of the mast track to the edge of the main halyard right at the spreaders. This number at base should be 2".



# PERSONALIZED J/70 QUICK TUNE CHART



**TEAM NAME:**

**DATE:**

<b>TWS</b> Knots	<b>UPPERS</b> Turns from base	<b>LOWERS</b> Turns from base	<b>UPPERS</b> Tensions PT-2	<b>LOWERS</b> Tensions PT-2	<b>JIB LEAD</b> Holes showing in front	<b>WIND SHEET</b> Weather Jib Sheet on	<b>TRAVELER</b> Upwind	<b>VANG</b> Upwind	<b>BACKSTAY</b> Upwind	<b>JIB FURL</b> Downwind
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+										

\*All turns from Base 6 to 8 knots TWS

## BASE SETTINGS

<b>CALIPER #'S</b>	<b>UPPERS</b>	<b>LOWERS</b>	<b>HEADSTAY</b>	<b>RAKE</b>	<b>PREBEND AT SPREADERS</b>
PORT	_____ mm	_____ mm	_____ mm		
STARBOARD	_____ mm	_____ mm	_____ mm	Headstay PT-2#	
LOOS PT-2 #			_____ mm		

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

Also add tape marks to your spreaders at 18", 20" and 22" from the side wall of the mast. This will help with jib leech set up and quick leech adjustments upwind.

To measure your rake, mark the headstay at the top of the white band on the mast near the gooseneck. Measure from this mark to the center of the top headstay pin in the jib furler. This is the pin just below the headstay turnbuckle. This number should be 57" at the base set up and will not change.

To measure your prebend place your main halyard at your gooseneck and pull tight. Then measure from the back of the mast track to the edge of the main halyard right at the spreaders. This number at base should be 2".

# TIPS FOR MEASURING RAKE

To measure your rake, mark the headstay at the top of the white band on the mast near the gooseneck. Measure from this mark to the lower pin on the furler. This number should be 57". After this is done take your PT - loos gauge and put it on the headstay. The gauge should read 15.

## HEADSTAY MEASURING POINT



## LOOS GAUGE EXAMPLE

