

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	9/6/2018	J. KENTFIELD

FIRST TECH CHALLENGE SIZING TOOL FEATURES:

OUTRIGGERS WITH ELEVATOR BOLTS FOR STABILITY

ELEVATOR BOLTS DOUBLE AS GUIDES FOR SIZING TOOL TO RIDE ALONG BASE

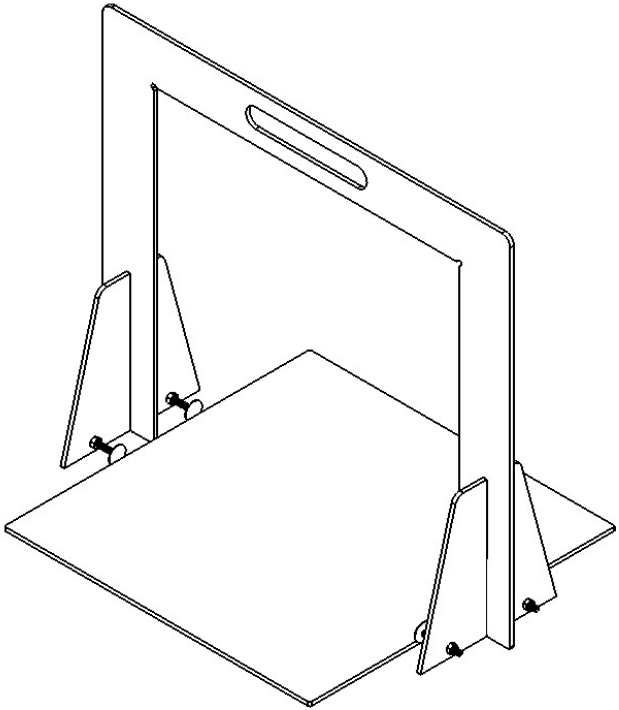
LIGHTWEIGHT, DURABLE POLYCARBONATE, COLLAPSABLE DESIGN TO ALLOW PACKING FLAT FOR EVENTS


18" U SHAPE TO ENSURE PROPER SIZING

POLYCARBONATE BASE ALLOWS FOR A VISUAL INSPECTION.

DESIGNER NOTE: DON'T REMOVE THE PROTECTIVE PLASTIC FROM THE BASE AS IT WILL AID TEAMS SETTING THEIR ROBOT ON THE BASE

USED AT THE 2018 CHAMPIONSHIP EVENTS IN HOUSTON AND DETROIT FOR OFFICIAL SIZING INSPECTIONS



UNLESS OTHERWISE SPECIFIED:		COMMENTS:					
DIMENSIONS ARE IN INCHES							TITLE:
TOLERANCES: FRACTIONAL ±1/16 ANGULAR: MACH ±1° ANGULAR: BEND ±5° ONE PLACE DECIMAL ±0.1 TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.005 FOUR PLACE DECIMAL ±0.0005				FIRST TECH CHALLENGE SIZING TOOL			
MATERIAL POLYCARBONATE		CHECKED	NAME	DATE	SIZE	DWG. NO.	REV
FINISH		ENG APPR.	JJK	9/6/18	A	am-3870	1
		MFG APPR.	JJK	9/6/18			
DO NOT SCALE DRAWING		Q.A.			SCALE: 1:8		SHEET 1 OF 1