

ARIZONA COURTLINES, INC. SPECIFICATIONS
1BA-FFFB (ACI MODEL #)
SINGLE MAST - BENT ANGLE - FORWARD FOLD - FRONT BRACED

STEM / MAIN MAST

Vertical mast shall consist of 6 5/8" O.D. schedule 20 structural steel tubing, with two welded diagonal side braces constructed of 1 1/2" x 3" heavy wall square tubing. A heavy-duty 2" x 4" structural steel channel shall be used for the top support to form a "T" design. The vertical mast shall be suspended diagonally from the superstructure at 15 degree angle with a 4'-8" long vertical member at the bottom of the stem for attachment of rectangular of fan backboards. This all welded design provides maximum strength and durability.

BACKBOARD / GOAL SUPPORT

The upper bank extension shall be all-welded to prevent movement and locks in backboard dimension at 6" to comply with official NCAA and NFSHSA regulations. The lower goal to mast bracket eliminates the strain on the backboard.

STEM HANGER

The stem hanger shall be fully adjustable to allow precise frame placement and leveling of the main mast. The stem hanger shall also attach to the overhead support with (2) clamps per hanger. The stem hangers shall be offset to allow the counter weight to lock the backstop in playing position.

FRONT BRACING

Front brace shall position backstop plumb and in the precise location. Front brace consist of 2" tubing, which folds forward with an adjustable jackknife assembly when backstop is stored in horizontal position. Jackknife shall unlock by upward force of hoist cable.

OVERHEAD SUPPORT

3 1/2" tubing shall be used for truss spacing which does not exceed 13'-0". For truss spacing which exceeding 13'-0", 6 5/8" tubing shall be used. Pipes shall be furnished with end caps.

NUTS AND BOLTS

All bolts shall be a minimum 1/2" diameter. All 1/2"Diameter bolts shall have a pull out strength of no less then 17,000 lbs. and shall have a shearing strength of no less then 12,100 lbs. All nuts and bolts shall be zinc plated.

BACKSTOP / PARTS FINISH

Backstop and all parts shall be painted one coat black paint. Other colors are available.