

4.00  
[102 mm]  
OFFSET

Ø7/8" [22 mm]  
DROP FORGED  
EYEBOLT

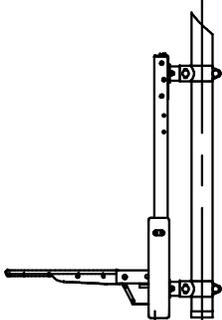
DETAIL B

Ø 3.5 [90 mm] OD  
SUPERSTRUCTURE

Ø 2.38 [60 mm] OD  
FRONT BRACE

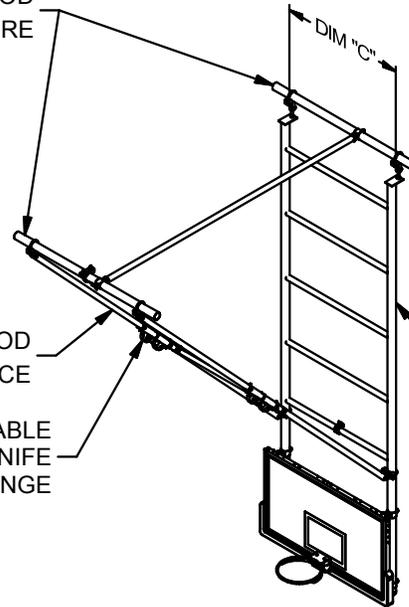
ADJUSTABLE  
JACKKNIFE  
BRACE HINGE

Ø 3.50 [90 mm] OD  
WELDED FRAME



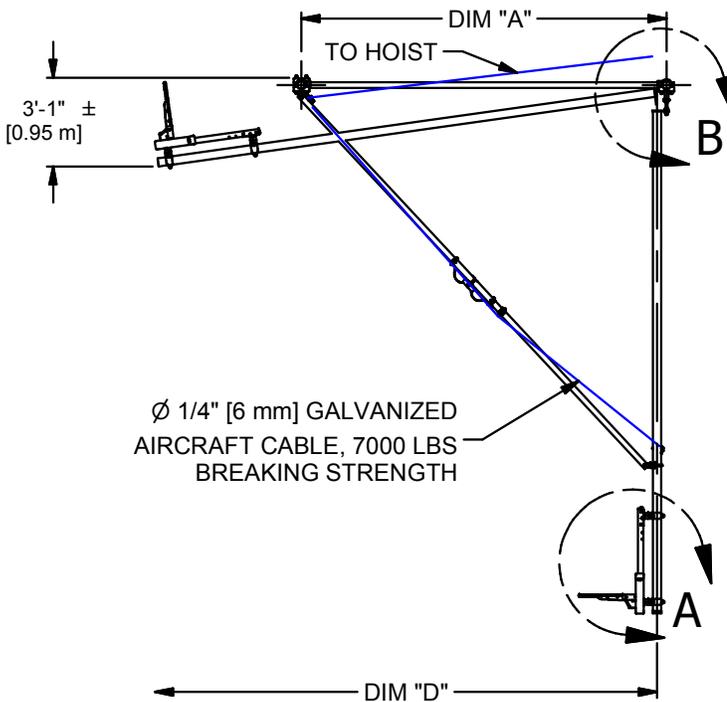
DETAIL A

7.15"-7.90" [182-201 mm]  
(ADDITIONAL 3.90 [99 mm]  
WITH ADJUST-A-GOAL)



NOTE: DIM "C" IS 63" [1600 mm] WITH A  
RECTANGULAR BACKBOARD AND 35" [889 mm]  
WITH A FAN SHAPED BACKBOARD

Dimensions "A", & "D" are shown for maximum  
elevation of the truss range and may vary to fit the  
exact attachment elevation and building structure.



Ø 1/4" [6 mm] GALVANIZED  
AIRCRAFT CABLE, 7000 LBS  
BREAKING STRENGTH

PN	TRUSS HEIGHT	DIM "A"	DIM "C"	DIM "D"
2607-24	24' to 24.99' [7.32-7.61M]	9'-9" [2.97M]	63" [1.6M] RECT 35" [0.89M] FAN	14'-9" [4.50M]
2607-25	25' to 25.99' [7.62-7.92M]	10'-9" [3.28M]	63" [1.6M] RECT 35" [0.89M] FAN	15'-9" [4.80M]
2607-26	26' to 26.99' [7.93-8.22M]	11'-9" [3.58M]	63" [1.6M] RECT 35" [0.89M] FAN	16'-9" [5.11M]
2607-27	27' to 27.99' [8.23-8.52M]	12'-9" [3.89M]	63" [1.6M] RECT 35" [0.89M] FAN	17'-9" [5.41M]
2607-28	28' to 28.99' [8.53-8.83M]	13'-9" [4.19M]	63" [1.6M] RECT 35" [0.89M] FAN	18'-9" [5.72M]
2607-29	29' to 29.99' [8.84-9.13M]	14'-9" [4.49M]	63" [1.6M] RECT 35" [0.89M] FAN	19'-9" [6.01M]
2607-30	30' to 30.99' [9.14-9.44M]	15'-9" [4.80M]	63" [1.6M] RECT 35" [0.89M] FAN	20'-9" [6.31M]
2607-31	31' to 31.99' [9.45-9.74M]	16'-9" [5.10M]	63" [1.6M] RECT 35" [0.89M] FAN	21'-8" [6.61M]

E	JJC	08-07-19
D	RWP	06/05/09
C	RWP	08/13/08
B	RWP	05/27/08
A	JJC	12/12/03
REV	BY	DATE



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FRONT BRACED FRONT FOLD BACKSTOP

DRAWN CONNERLEY	DATE 4/24/2003	DATE ISSUED 4/24/2003
APPROVED	DATE	
FILE LOC. Q:\Inventor Files\Specification Files\04_Dual Post\		
SIZE A	SCALE	SHT. NO. 1 OF 2
PART NO. 2607		REV E



## MODEL 2607

### **WELDED DUAL POST FRONT BRACED FRONT FOLDING BASKETBALL STRUCTURE**

#### **RECOMMENDED APPLICATION**

This unit is designed for applications not allowing sufficient space behind the backboard for a rear brace. This unit is designed for use with height adjusters and for heights over 24' and under 35'.

#### **SUPERSTRUCTURE**

Unit shall be supported from 3-1/2" O.D. x 0.120" wall ASTM A-500 horizontal and 2-3/8" O.D. x 14 gauge (0.083") wall ASTM A-500 vertical structural steel tubing secured to the building with heavy gauge steel stampings or weldments (as required by building conditions). When truss span widths exceed 10'-0", 3-1/2" O.D. x Schedule 40 (0.216") wall ASTM A-500 Grade B may be used for the horizontals. Spans over 14'-0" may use welded bridge pipe.

#### **BACKSTOP**

The backstop shall have two 3-1/2" O.D. x 0.120" wall ASTM A-500 Grade B vertical drop tubes spaced at 63" centers for rectangular backboards, 35" for fan shaped backboards. Vertical drops shall be cross-braced with 2-3/8" O.D. x 14 gauge (0.083") wall ASTM A-500 steel tubing welded on both ends. Ends of cross-brace tubes shall be saddle (die) cut to fit the outside diameter of the 3-1/2" O.D. drop tubing. Drop pipe shall be suspended with welded steel plate offset hangers 4" in front of the pivot point, less than 4" not approved as equal. All critical fittings shall be heavy gauge steel stampings, or weldments. Backstop manufactured in accordance with 1994 NCAA rule 1, section 8, stating that all parts of the backboard support system not directly behind backboard shall be at least 6" behind backboard.

Front brace shall be 2-3/8" O.D. x 14 gauge (0.083") wall ASTM A-500 steel tubing attached to the vertical drop pipe 12" above backboard. Folding brace assembly shall be of a jackknife design. The entire assembly shall be self-aligning and designed to be self-locking and self-releasing. Backstop shall be raised and lowered with 1/4" galvanized aircraft cable with a breaking strength of 7000 lbs.

All steel has a black powder coat finish, standard. Optional colors are available.

#### **Accessories**

**Backboards and Goals** - See the backboards and goals section in the specification manual.

**Backboard Padding** - See the accessories section in the specification manual.

**Hoists** - Electric hoist or manual winch is available on all folding units. See the accessories section in the specification manual.

**Safstop Safety Locking Strap** - See the accessories section in the specification manual.

Subject to design change and current manufacturing practices.