



BILL OF MATERIALS				
ITEM	QUAN	DESCRIPTION	MAT'L	DETAIL DRG. NO
1	1	TUBE 6 1/4 OD x 1/4 x 36 LG.	6061-T6511	D-6155-36
2	1	AXLE PIN 1" Ø x 1 3/8 GRIP	304 SS	
3	1	COTTER PIN 5/32 x 2"	304 SS	
4	3	SPACER 1/8 x 2 1/4 OD x 1 1/16 ID	304 SS	
5	2	BENT PLATE 1/8 x 3 x 7 3/4	6061-0	
6	1	RADIAL BALL BEARING, SEALED. 1" x 2 x 1/2	UNGND. ST'L.	
7	8	CLINCH NUT, 1/4-20	ALUM	
8	8	FL. HD. SCREW 1/4-20 x 3/4	304 SS	
9	1	SHEAVE 6 1/4 OD x 5/8	6061-T6	
10	4	CABLE TIE NYLON JAQUITH NO. L-7002		
11		NOT USED		
12	4	FL. HD. MACH. SCR. #10-24 x 3/4	304 SS	
13	4	FLAT WASHER #10	304 SS	
14	4	HEX NUT #10-24	304 SS	
15	2	CLEVIS PIN 1/4" X 1 1/2 LG	304 SS	
16	2	HAIRPIN COTTER 16 GA X 1 1/8 LG	304 SS	

APPROX. WT. MTG. SOCKET ASS'Y - 18 LBS.

(2) 1/4-28 CLINCH NUTS PRESSED INTO BENT PLT. FLUSH WITH SURFACES (TYP. 2 PLACES)

VIEW "B"

SECTION C-C

BORE 2" HOLE IN SHEAVE FOR PRESS FIT WITH 2" O.D. BALL BEARING WITH SEALS. PRESS FIT AFTER ANODIZING ALUMINUM SHEAVE.

RADIAL BALL BEARING (SEALED) 1" BORE x 2" O.D. x 1/2" THK. ONE REQUIRED

TOLERANCES-  
HOLE DIAMETERS ±.005  
ALL OTHER DIMENSIONS NOT OTHERWISE SPECIFIED ±1/16

ANODIZE ALL ALUMINUM PARTS AFTER FABRICATION.

SEE D-6155-34 FOR ASSEMBLY OF MOUNTING SOCKET WITH TUBE "A"

REV.	LTR.	DATE	DESCRIPTION	CHECKED	APPROVED
E		9/30/04	ADDED ITEMS 15 & 16-NEW DESIGN FOR ITEM 5 BENT PLATE		R.D.P.
D		4/20/04	ITEM 4 SPACER WAS 2 1/2 DIA.-ADDED CHAM TO ITEM 2 AXLE PIN		R.D.P.
C		9/3/01	REDRAWN IN AUTOCAD 2000 FORMAT - ITEMS 12,13 & 14 WERE ALUM.		R.D.P.
B		10/26/98	ADDED DIM TO SLOT RADIUS		
A		10/27/80	6061-0 ALUM WAS 6061-T6		

**DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
WASHINGTON, D.C. 20591**

ALSF-2 (6' - 128') & MALSR (6' - 128')

L.I.R. STRUCTURES

LIGHT MOUNTING HEIGHT 40'-1" TO 128'-0"

**MOUNTING SOCKET ASSEMBLY & DETAILS**

REVIEWED BY	SUBMITTED BY	APPROVED BY
DESIGNED BY	ISSUED BY	TECHNICAL OFFICER
DRAWN BY		DATE-
CHECKED BY		DRAWING NO.
		D-6155-36
		REV. LTR.
		E

**JAQUITH INDUSTRIES INC.**

PO BOX 780  
600 E. BRIGHTON AVE.  
SYRACUSE, NEW YORK 13205  
www.jaquith.com 315-478-5700

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED