ITEM	PART NUMBER	MATERIAL	IDENTIFICATION NUMBER	QTY	NOTE
1	BOOM TUBE 8" DIA x 1/8" WALL x 24 3/8" LONG	6061-T6 ALUM			
2	MOUNTING PLATE, LOWER 12" x 12" x 1/2" THICK, 7" BORE	6061-T6 ALUM			
3	HORIZ STRUT MTG. PLATE 8 x 14" x 1/2" THICK	6061-T6 ALUM			
4	COLLAR STRAP 1/4" x 1" x 12"	6061-T6 ALUM		4	
5	[illegible] SET PLATE 1 3/4 x 11 1/2" x 1/4" THICK	6061-T6 ALUM		5	
6	STIFFENER COLLAR 2" x 2" x 1/4" THICK PLATE	6061-T6 ALUM		2	
7	GUSSET PLATE 6 7/8" x 11 3/4" x 1/4" THICK	6061-T6 ALUM		2	
8	MOUNTING PLATE, UPPER 12" x 14" x 1/2" THICK	6061-T6 ALUM		1	
9	GUY CABLE GUSSET PLATE 11 1/2" x 3 3/4" x 1/2" THK	6061-T6 ALUM		2	
10	GUSSET PLATE 3" x 11 1/2" x 1/2"	6061-T6 ALUM		2	

VIEW D-D (WITH ITEM NO. 3 & 7 REMOVED)

SECTION A-A (3in. IN FULL SCALE)

SECTION E-E

PROJECTION OF ITEMS 5 & 7 ONLY FOR CLARITY

END VIEW (UPPER)

SIDE VIEW

END VIEW (LOWER)

DETAIL ITEM 9
½ SCALE

SECTION C-C (SHOWN FULL SCALE)
SHOWING 3/16 x 3/16 WELD CLEARANCE, (1) END ONLY

DETAIL - ITEM NO. 6
N.T.S.

DETAIL - ITEM NO. 7

DETAIL - ITEM NO. 5
N.T.S.

DETAIL - ITEM 10
N.T.S.

NOTES:
1) NO SHARP EDGES OR CORNERS
2) ALL WELDS TO BE PERFORMED PER WELD SPEC NO. 21000-101

REV	DESCRIPTION	DATE	BY
A	INCREASED HOLE SIZE IN ITEMS 2, 3 AND 5 TO 13/16"	3/2/87	JED
B	ADDED DASH 1 BRACKET, & ITEM NO. 6	6/19/87	JED
C	REVISED & REDRAWN, ADDED ITEM 10 DETAIL, REF'D, CHANGED	JED	7/7/87
D	CHG DIM. - ITEM 1 / CHG O.A. LENGTH OF ITEM 1 / ITEM NUMBERS ON ASSY	10-23-87	JED
E	CHG O.A. LENGTH OF ITEM 1 / REVISED NOTES 3 & 4	12-11-87	JED
F	CHG DIM. - ITEM 1 / CHG O.A. LENGTH OF ITEM 1 / ITEM NUMBERS ON ASSY / REVISED NOTES 3 & 4	10-23-87	JED

REF D/G

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES - NOT ACCUMULATIVE
LOCATION OF HOLES = ± 1/16"
LINEAR DIMENSIONS = ± 1/16"
TRUE SQUARE = ± 1/16" ON DIAG
ANGULARITY TOLERANCE ±1/2°
XXXX ALL OUT EDGES

The information contained in this drawing is confidential and the property of Power Kinetics Inc. and [illegible]

POWER KINETICS
TROY, NEW YORK

MOLOKAI / SANDIA PROJECT

LOWER BOOM ASSY, CONCENTRATOR
(NORTH SECTION)

DRAWN BY	DATE	APPROVED	CHECKED	SCALE
J. Reinke	2/7/87			1/4

REV F