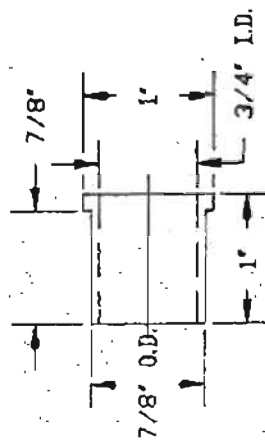
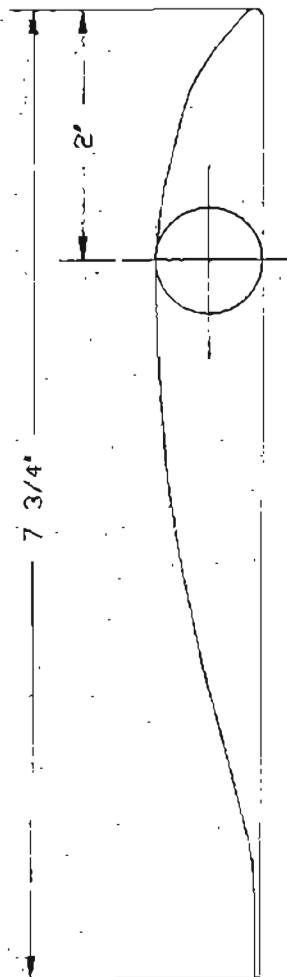
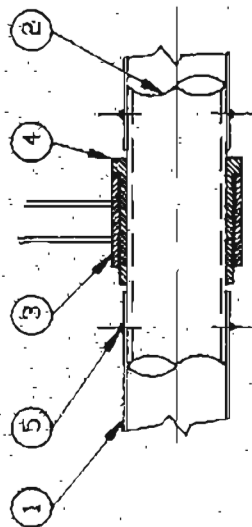
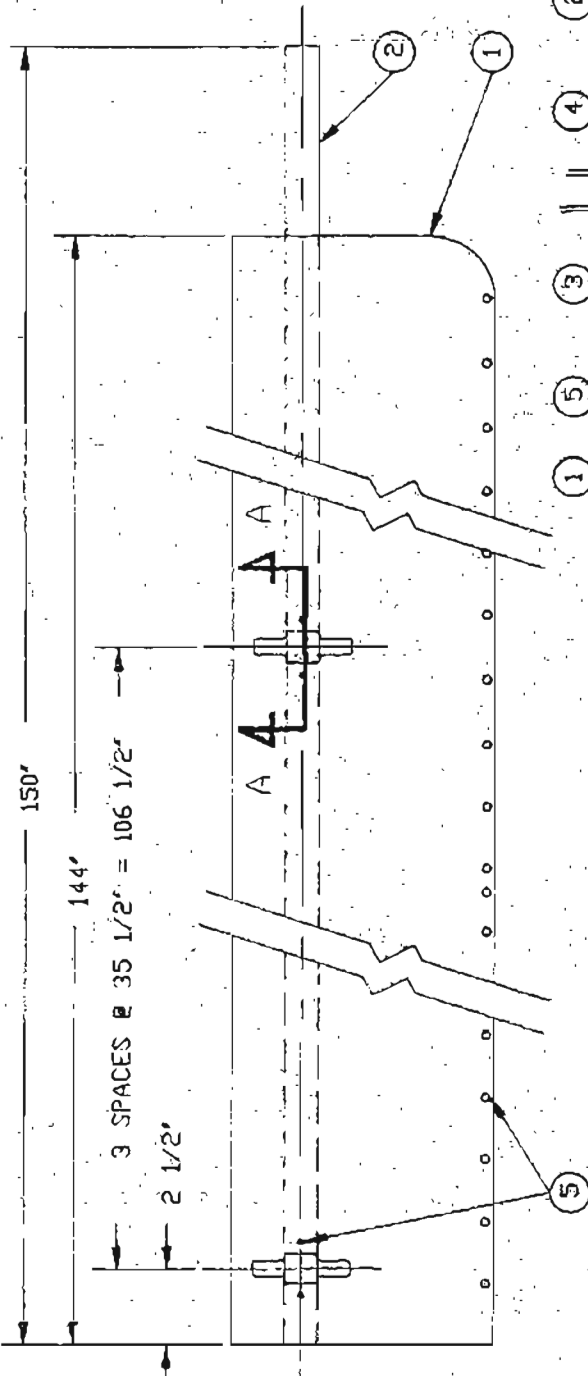


ITEM	QTY.	DESCRIPTION
1	1	FLAPERON DWG. No. RAV-20
2	2	3/4"ØX.035X150"LG 6061T6
3	5	HINGE PT. No. WG 11
4	5	BUSHING 1" O.D.X3/4" I.D. NYLON
5	18	POP RIVET 3/32"X1/8" ALLUM.
6	1	8X2X17" LG



BUSHING DETAIL

PART NAME  
FLAPERON ASS'Y

DATE  
FEB. '89

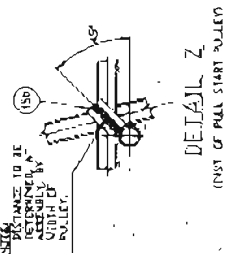
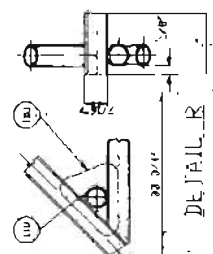
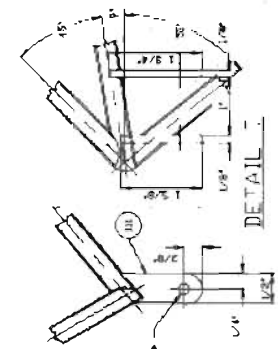
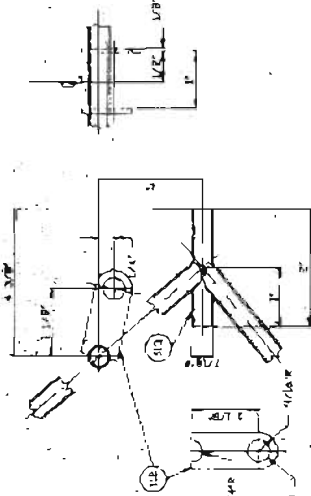
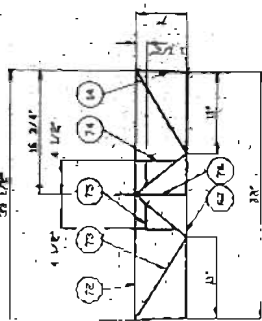
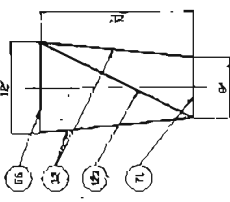
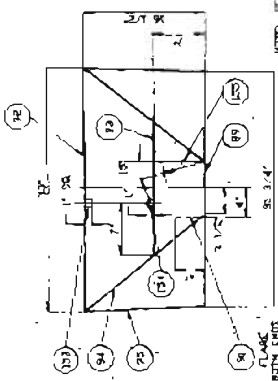
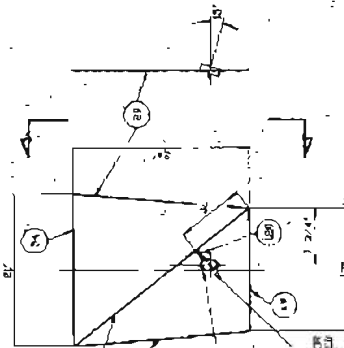
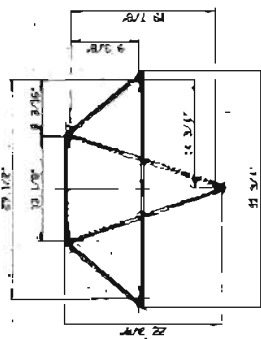
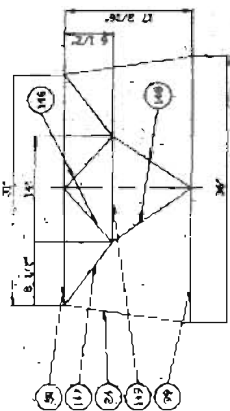
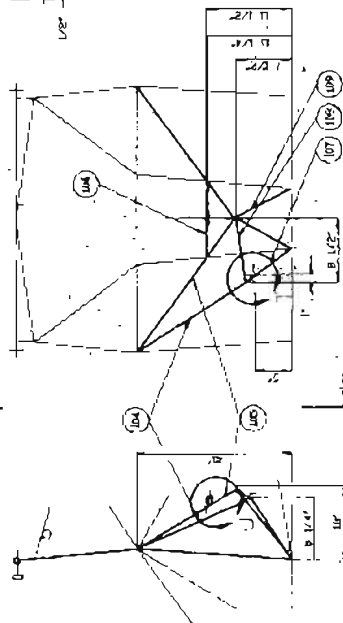
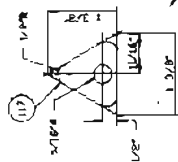
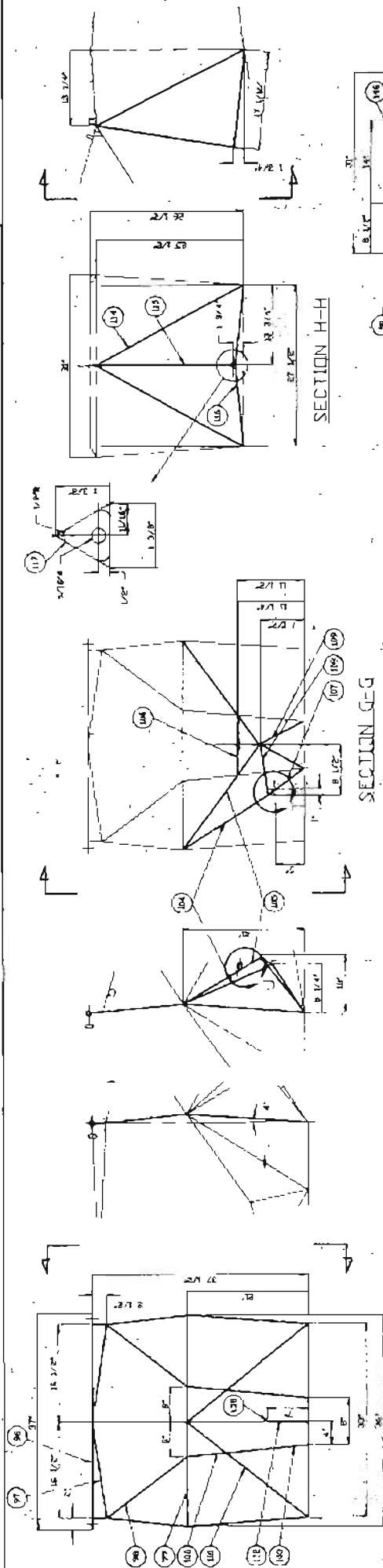
RECREATIONAL  
SPECIALTIES LTD.

QTY. 1 - WG-07 LEFT SIDE-SHOWN  
QTY. 1 - WG-08 RIGHT SIDE-OPPOSITE

ACTUAL FLAPERON SIZE  
(USE TO MAKE FOAM TEMPLATE)

PART NOS.  
WG 07/08

DWG. No.  
RAV-21

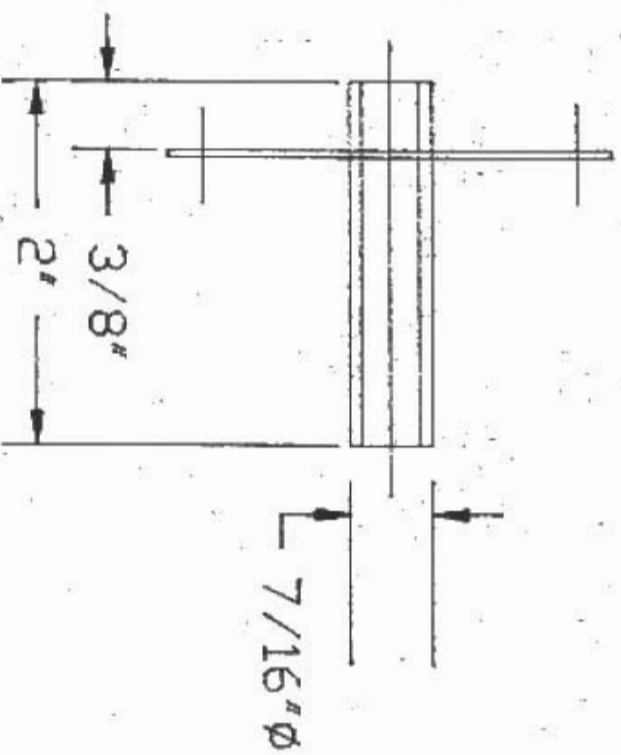
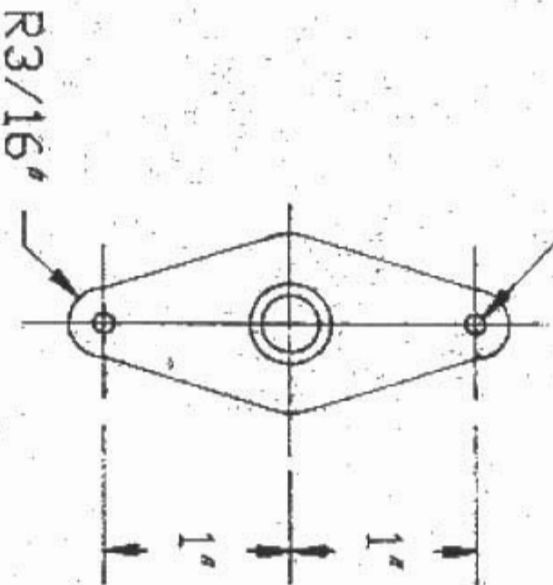


REV	PART NAME FUSELAGE	DATE JAN '89	RECREATIONAL SPECIALTIES LTD.
DATE 1/1/89	PART NOS. FL 33	DRAWING NO. RAY-25	



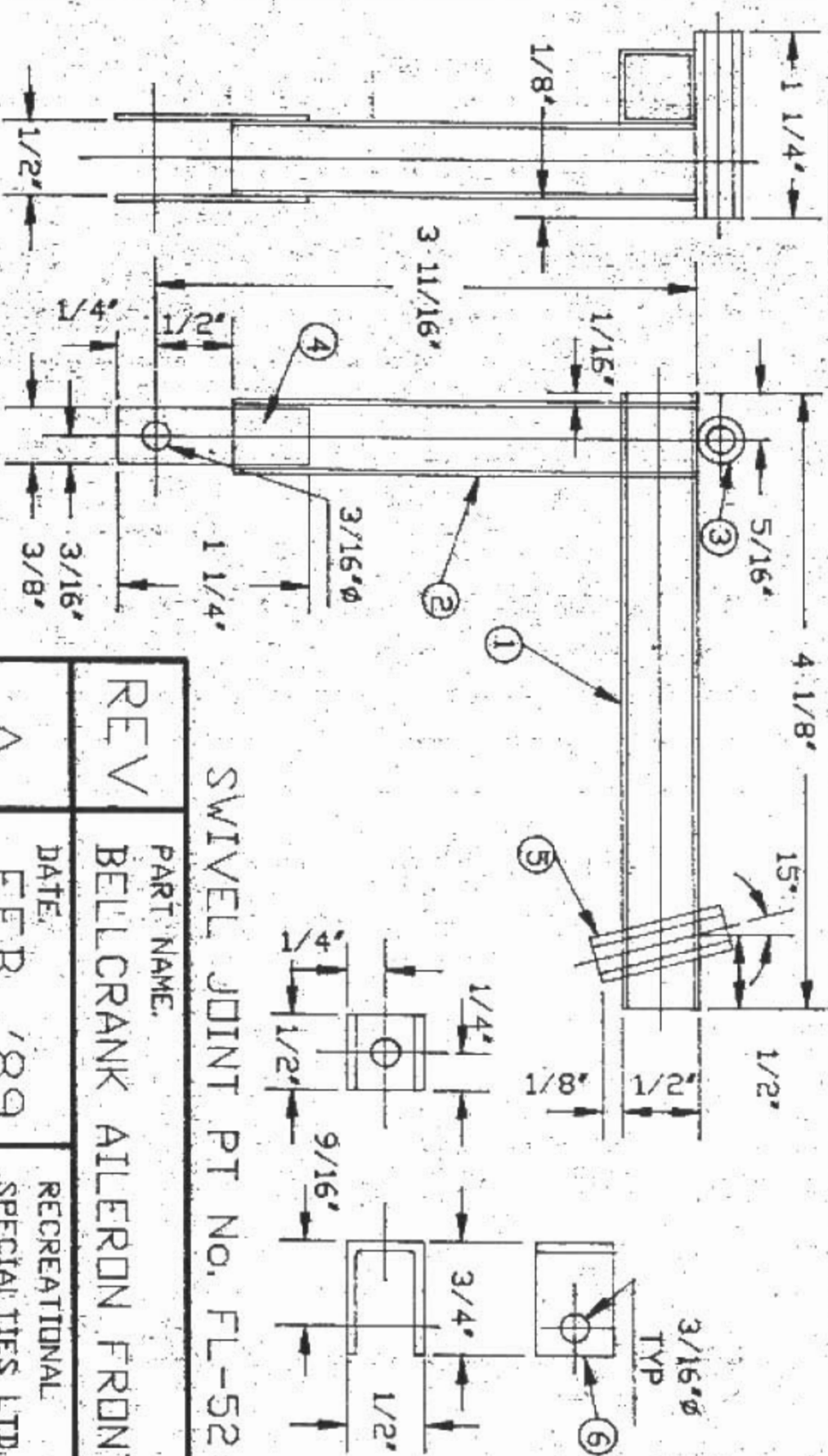
ITEM	QTY.	DESCRIPTION	
1	1	2 3/8"x1x.040 SHT.	4130N
2	1	7/16"Øx.065x2	4130N

#40 DRILL  
2 PLACES



REV	PART NAME.	BEARING MIXER BELLCRANK
A	DATE.	FEB. '89
DATE.	PART NOS.	FL-05
SEPT/26/86	DWG. No.	RAV-01
	RECREATIONAL SPECIALTIES LTD.	

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	1	1/2" SQ X.035X4 1/8	4	2	.062 SHT
2	1	1/2" SQ X.035X3	5	1	5/16"ØX.065X7/8
3	1	5/16"ØX.065X1 1/4	6	1	.062 SHT

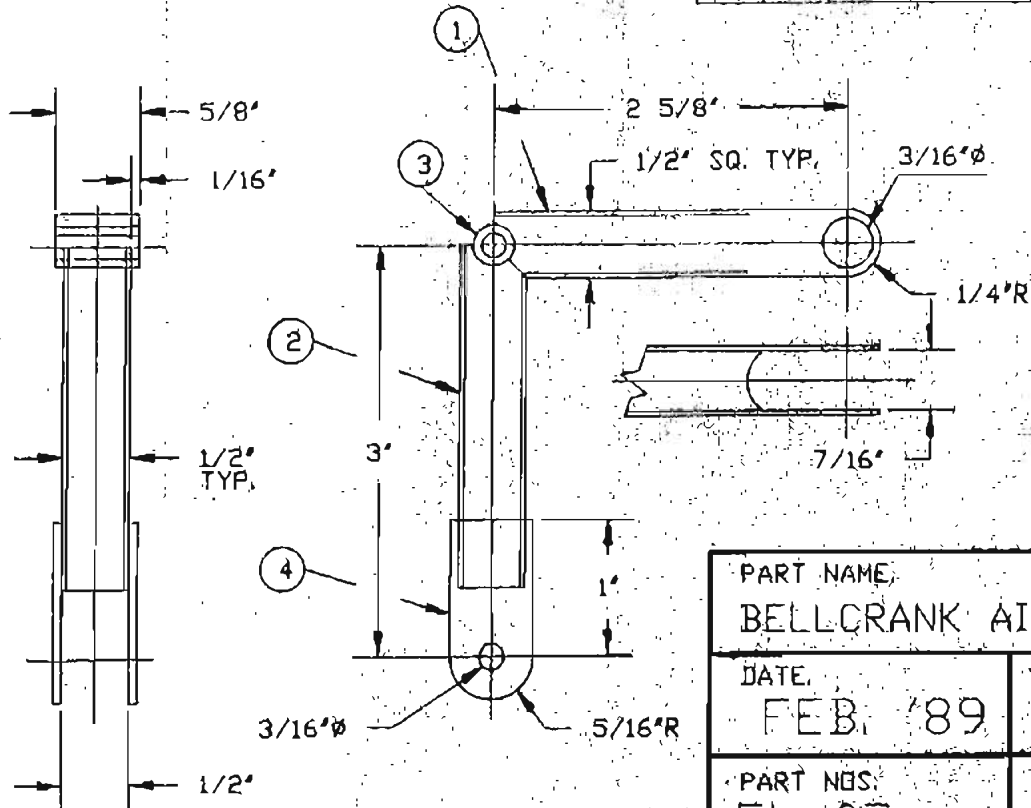


SWIVEL JOINT PT No. FL-52

REV	PART NAME.	BELL CRANK AILERON FRONT
A	DATE.	FEB. '89
DATE.	PART NOS.	DWG. No.
SEPT/26/86	FL-08/52	RAV-02
		SPECIALTIES LTD.

BELLCRANK PT No. FL-08

ITEM	QTY.	DESCRIPTION	
1	1	1/2" SQx.035x3	4130N
2	1	1/2" SQx.035x3 1/4	4130N
3	1	5/16"Øx.065x5/8"	4130N
4	2	1/16" SHT.	4130N



PART NAME:  
BELLCRANK AILERON, REAR

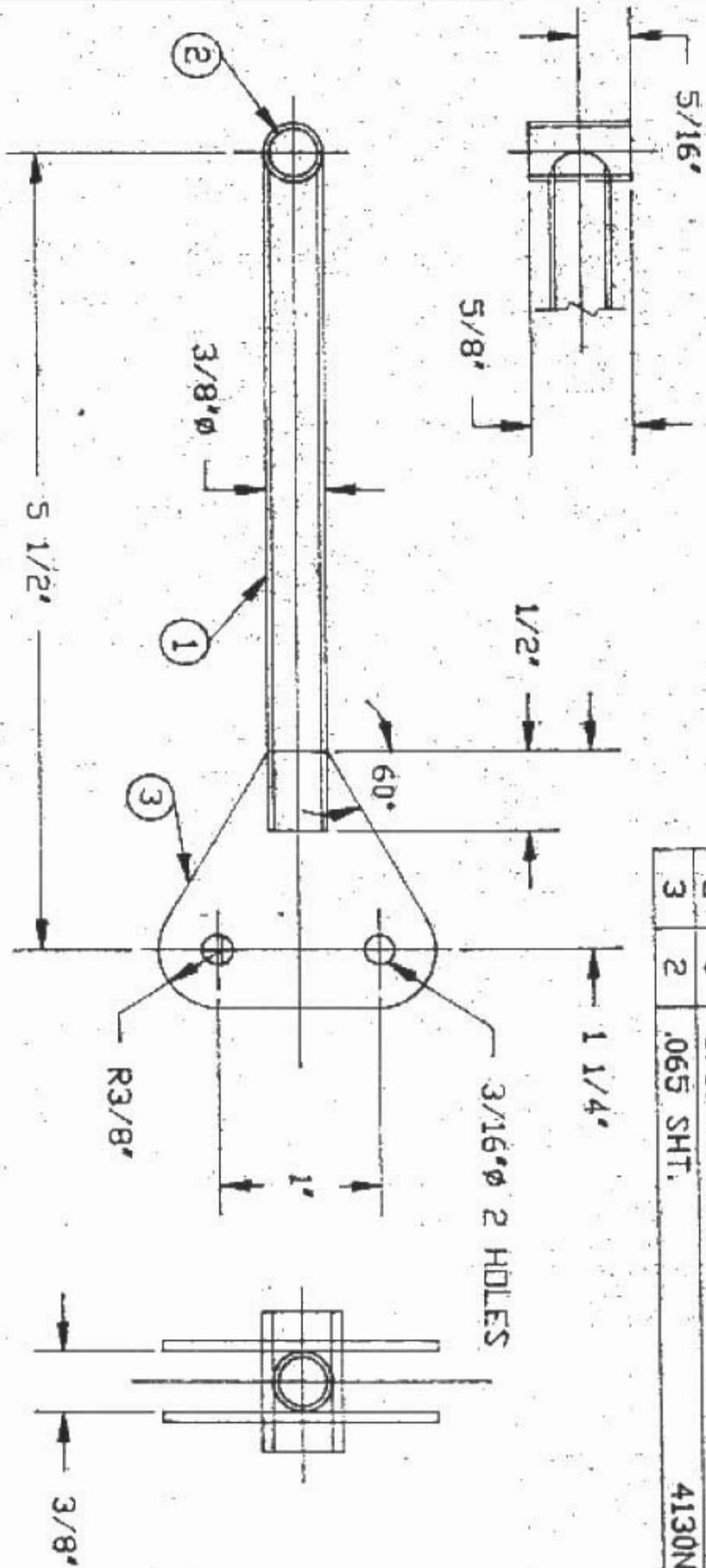
DATE:  
FEB. '89

RECREATIONAL  
SPECIALTIES LTD.

PART NOS.  
FL-07

DWG. No.  
RAV-03

ITEM	QTY.	DESCRIPTION	
1	1	3/8"Øx.035x4 3/4"	4130N
2	1	5/16"Øx.065x5/8"	4130N
3	2	.065 SHT.	4130N



PART NAME.

ELEVATOR BELLCRANK

DATE.

FEB. '89

RECREATIONAL

SPECIALTIES LTD.

PART NOS.

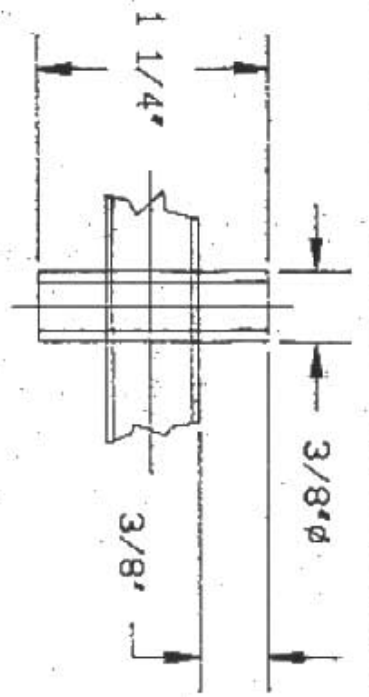
FL-12

DWG. No.

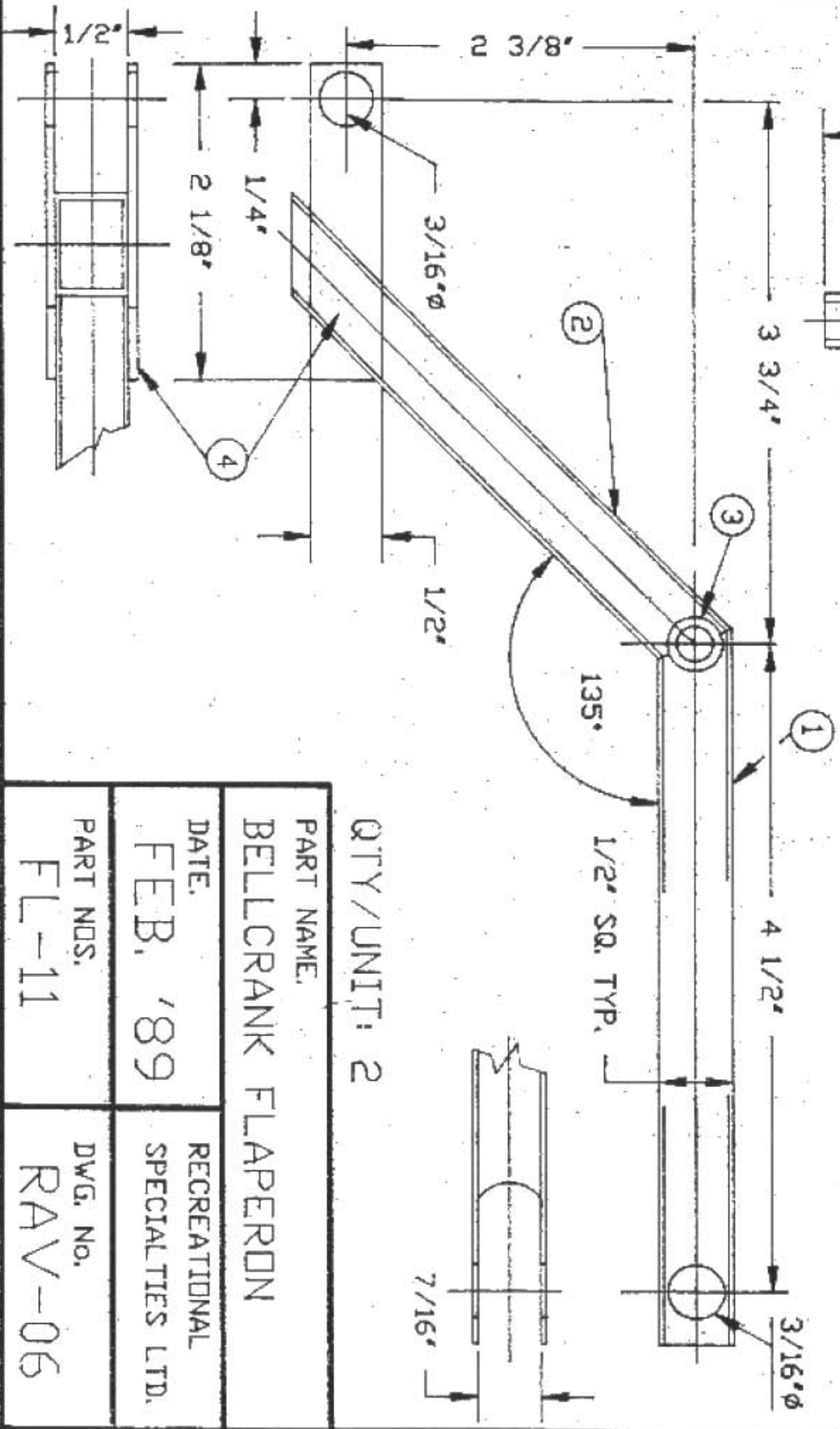
RAV-04





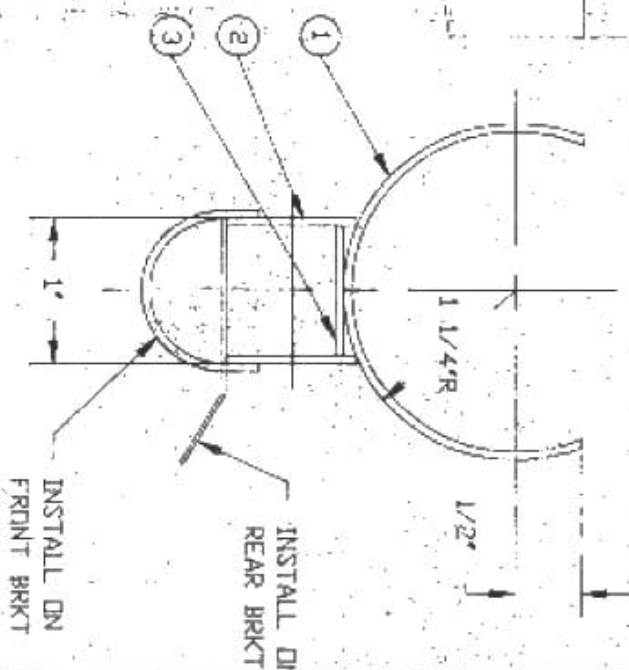


ITEM	QTY.	DESCRIPTION
1	1	1/2 SQ TUBE X.035X4 7/8 LG 4130N
2	1	1/2 SQ TUBE X.035X4 3/4 LG 4130N
3	1	3/8"Ø TUBE X.065X1 1/4 LG 4130N
4	2	1/16" SHT.X2 1/8 LG 4130N



QTY / UNIT: 2

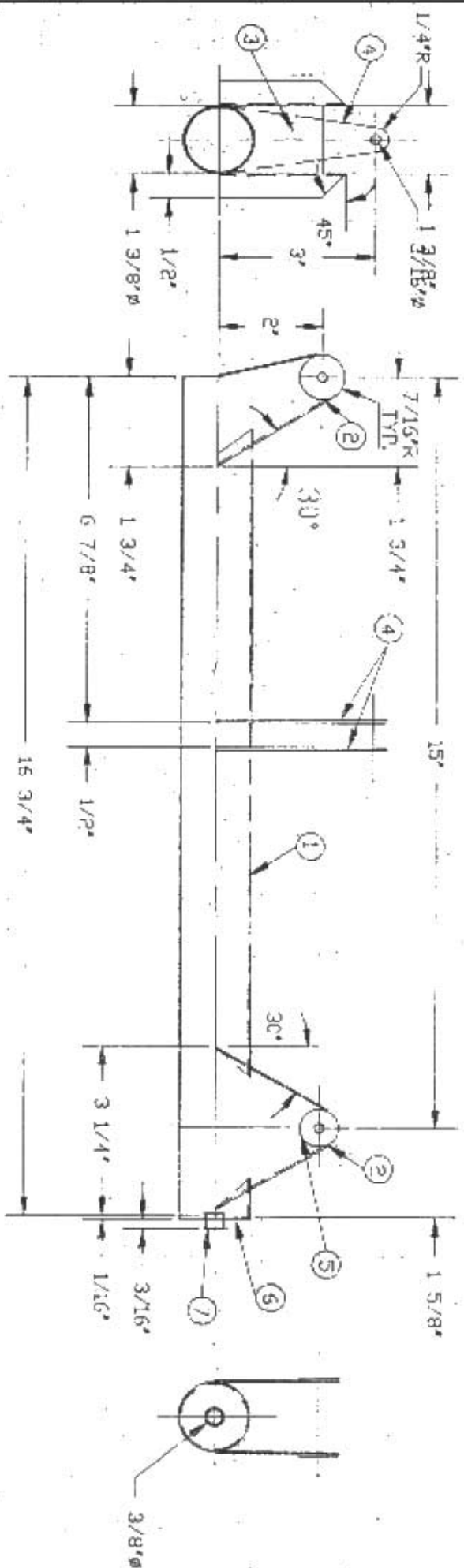
PART NAME. BELLCRANK FLAPERON	
DATE. FEB. '89	RECREATIONAL SPECIALTIES LTD.
PART NOS. FL-11	DWG. NO. RAV-06



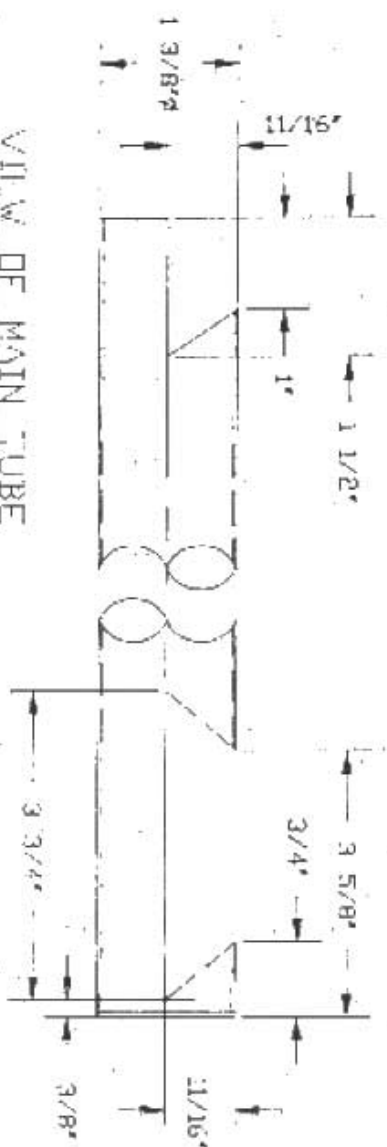
REV

REV	PART NAME.	RECREATIONAL SPECIALTIES LTD.
A	DATE.	
DATE.	PART NOS.	DYLG. No.
SEP/25/66	WG 04/05	RAY 07

ITEM	QTY.	DESCRIPTION	
1	1	1 3/8" x .035 x 16 3/4" LG	4130N
2	4	.040 SH.T.	4130N
3	1	.040 SH.T.	4130N
4	2	.040 SH.T.	4130N
5	4	.063 SH.T. x 7/8" $\phi$	4130N
6	1	.063 SH.T. x 1 3/8" $\phi$	4130N
7	1	3/8" $\phi$ x .055 x 1/4"	4130N

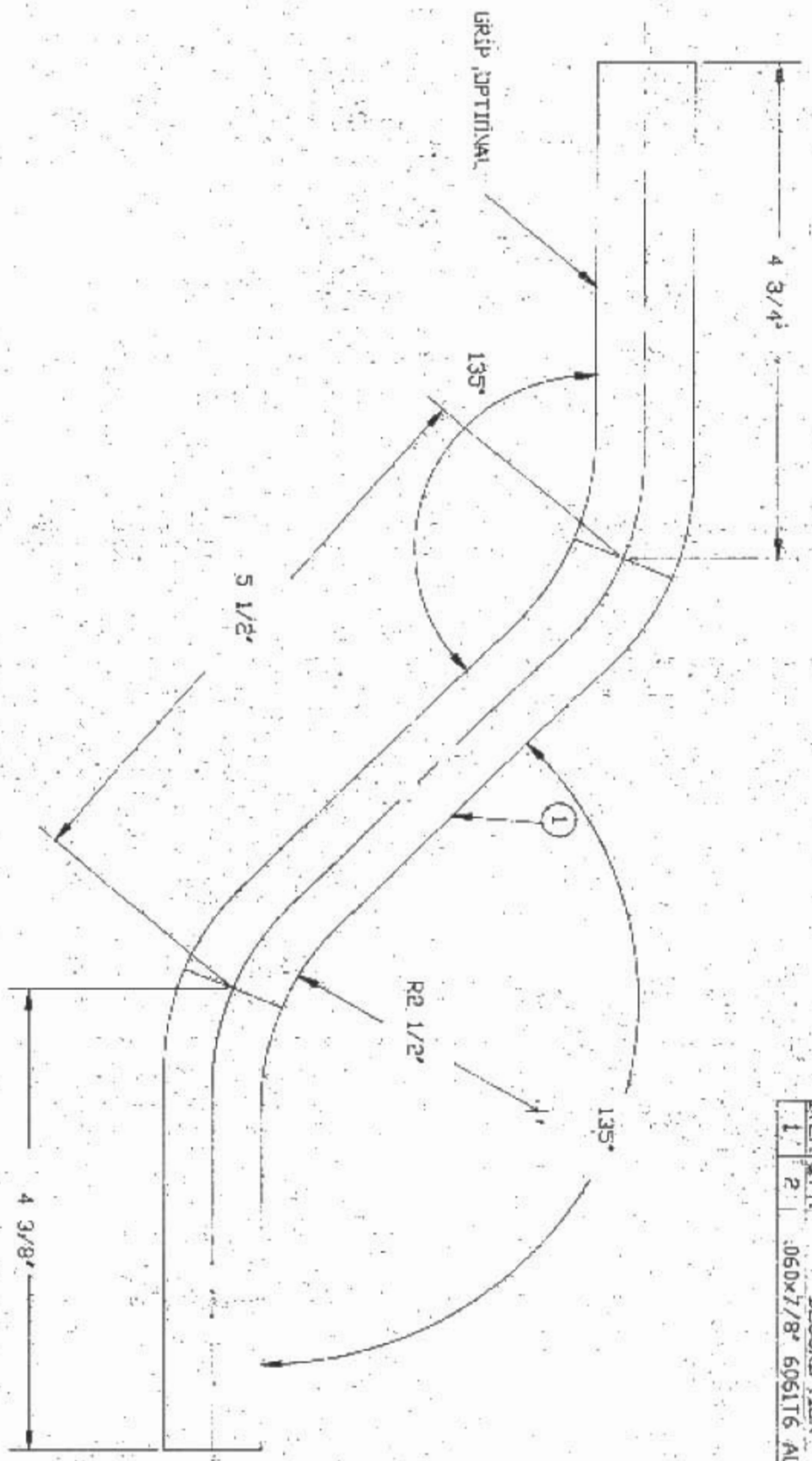


VIEW OF MAIN TUBE

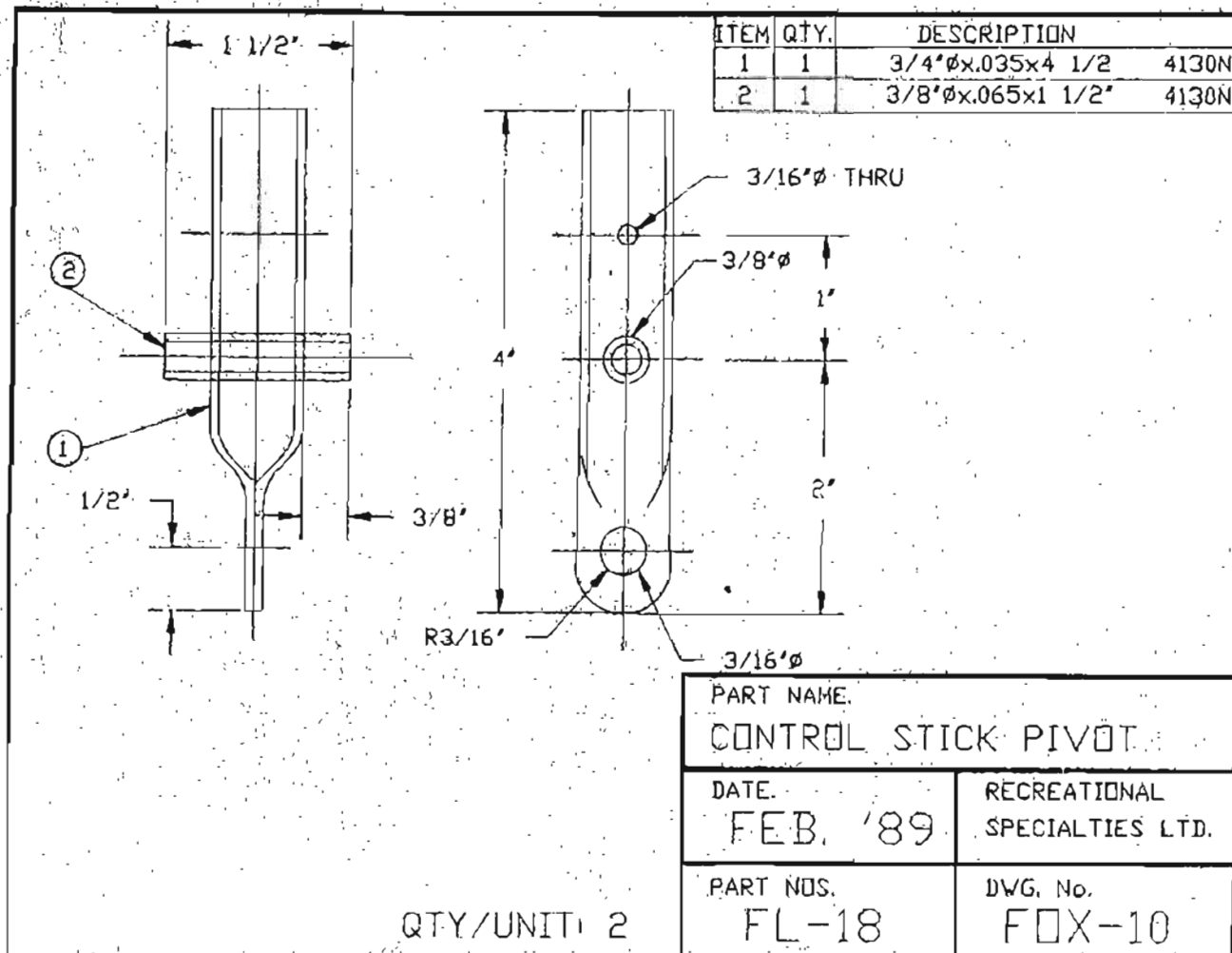


REV.	PART NAME.	DATE.	RECREATIONAL SPECIALTIES L.T.
A	CONTROL COLUMN HOUSING	FEB. '89	
DATE:	PART NOS.	DWG. NO.	
SUPP/22/086	FL-16	RAV-03	

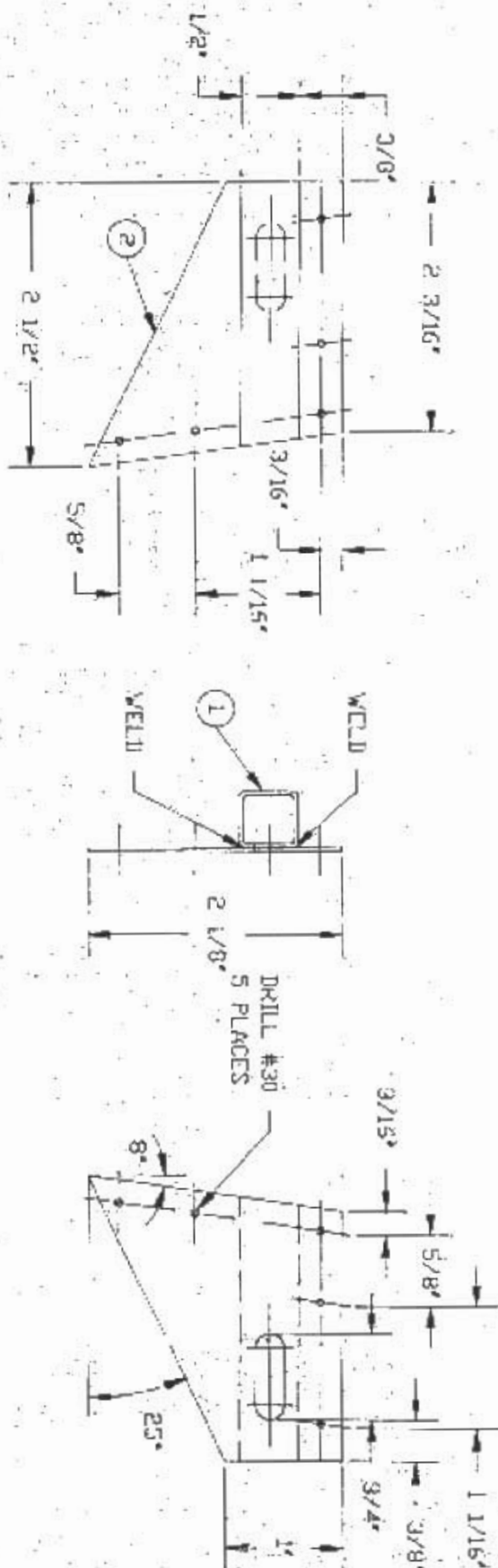
ITEM	QTY.	DESCRIPTION
1	2	.060x1/8" 6061T6 ALUM.



PART NAME: CONTROL STICK	
DATE: FEB. '89	RECREATIONAL SPECIALTIES LTD.
PART NOS. FL-19	DWG. NO. RAV-09



ITEM	QTY.	DESCRIPTION	
1	2	1/2" SQ. X .035 X 2 3/16"	4130N
2	2	2 1/2" X 2 1/8" X .035	4130N



QTY/UNIT 1-CF08 DOOR LATCH HOUSING LEFT SIDE - ONLY SHOWN  
1-CF09 RIGHT SIDE ALST REPRD

PART NAME: DOOR LATCH HOUSING	
DATE: JAN '89	RECREATIONAL SPECIALTIES LTD.
PART NOS. CF 08/09	DWG. NO. RAV-14

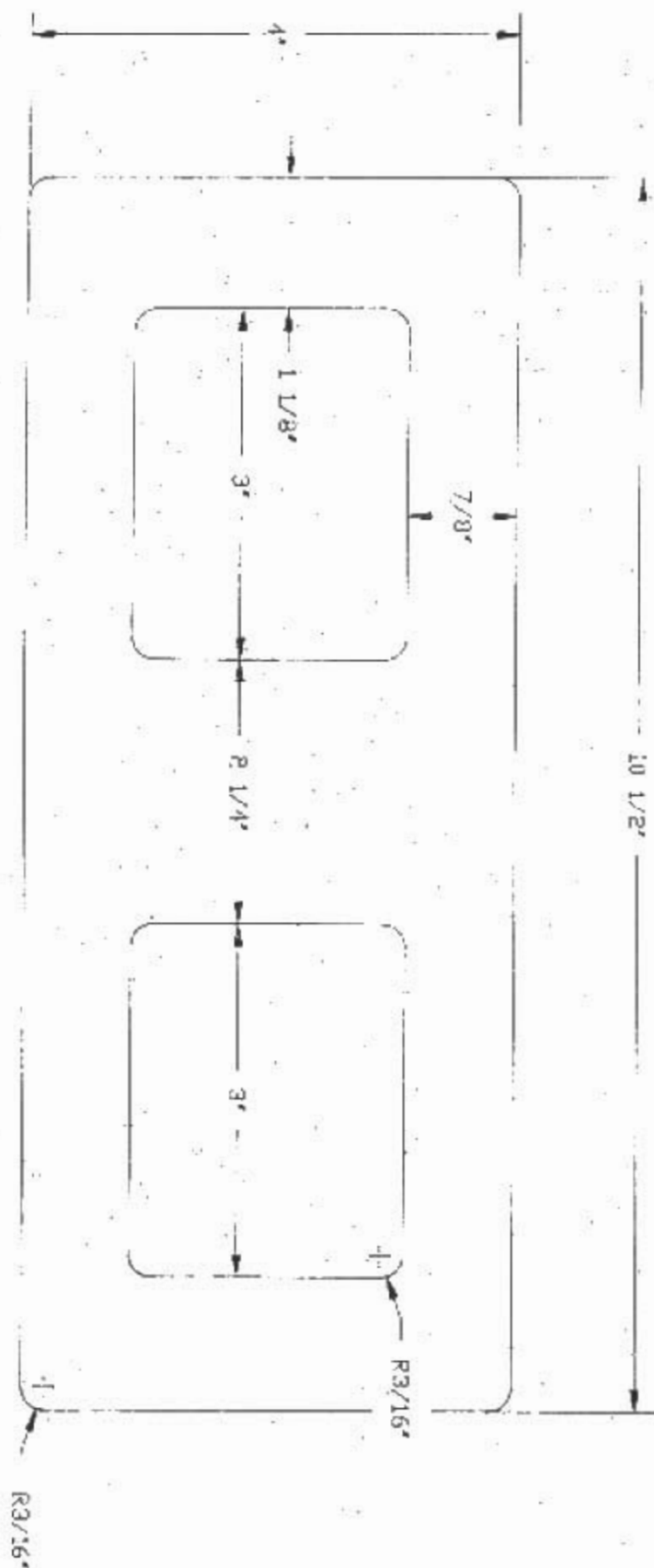


	Material	Unit
1	3/8"x6"x6"x1	4130N
2	4/8" PLAT 3/8"x6"	4130N
3	1-3/8"x6"x4"x1 1/4"	4130N
4	1/2"x6"x6"x6, 1/2"	4130N
5	1/2"x6"x6"x6"	4130N
6	1/2"x6"x6"x6"	4130N
7	1/2"x6"x6"x6"	4130N
8	1/2"x6"x6"x6"	4130N
9	1/2"x6"x6"x6"	4130N
10	1/2"x6"x6"x6"	4130N
11	1/2"x6"x6"x6"	4130N
12	1/2"x6"x6"x6"	4130N
13	1/2"x6"x6"x6"	4130N

PART NAME	ENGINE MOUNT WELDMENT
DATE	FEB, '89
PART NOS.	EN-12
INCREATIONAL SPECIALTIES LTD.	DWG. NO. RAV-15



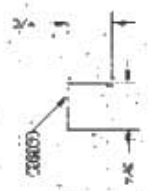
ITEM	QTY.	DESCRIPTION	MATERIAL
1	1	.025x10 1/2"x4"	ALUMINUM



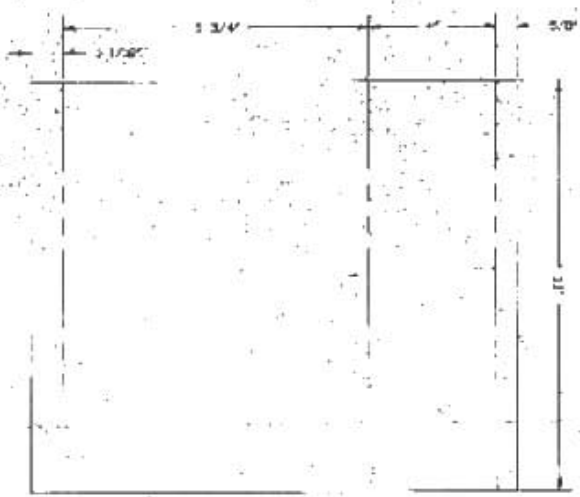
PART NAME: FABRIC PLATE, BUNGEE	
DATE: FEB. '89	RECREATIONAL SPECIALTIES LTD.
PART. NOS. CF 26	DWG. NO. RAV-15



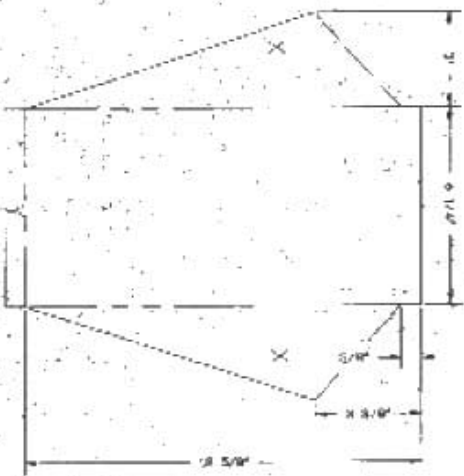
ITEM		DESCRIPTION	
1	1	2x4 SHAPES FOR VERTICAL STEEL	
2	2	2x4 SHAPES FOR VERTICAL STEEL	
3	3	2x4 SHAPES FOR VERTICAL STEEL	
4	4	2x4 SHAPES FOR VERTICAL STEEL	
5	5	2x4 SHAPES FOR VERTICAL STEEL	
6	6	2x4 SHAPES FOR VERTICAL STEEL	
7	7	2x4 SHAPES FOR VERTICAL STEEL	
8	8	2x4 SHAPES FOR VERTICAL STEEL	
9	9	2x4 SHAPES FOR VERTICAL STEEL	
10	10	2x4 SHAPES FOR VERTICAL STEEL	



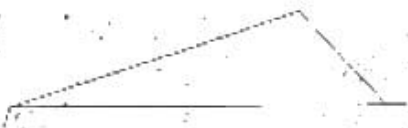
PART NOS EN-21/22/23



BENT SHAPE ITEM 3  
END VIEW



X-BEND UP 90°  
Y-BEND BACK 82°  
PART NOS. EN-20



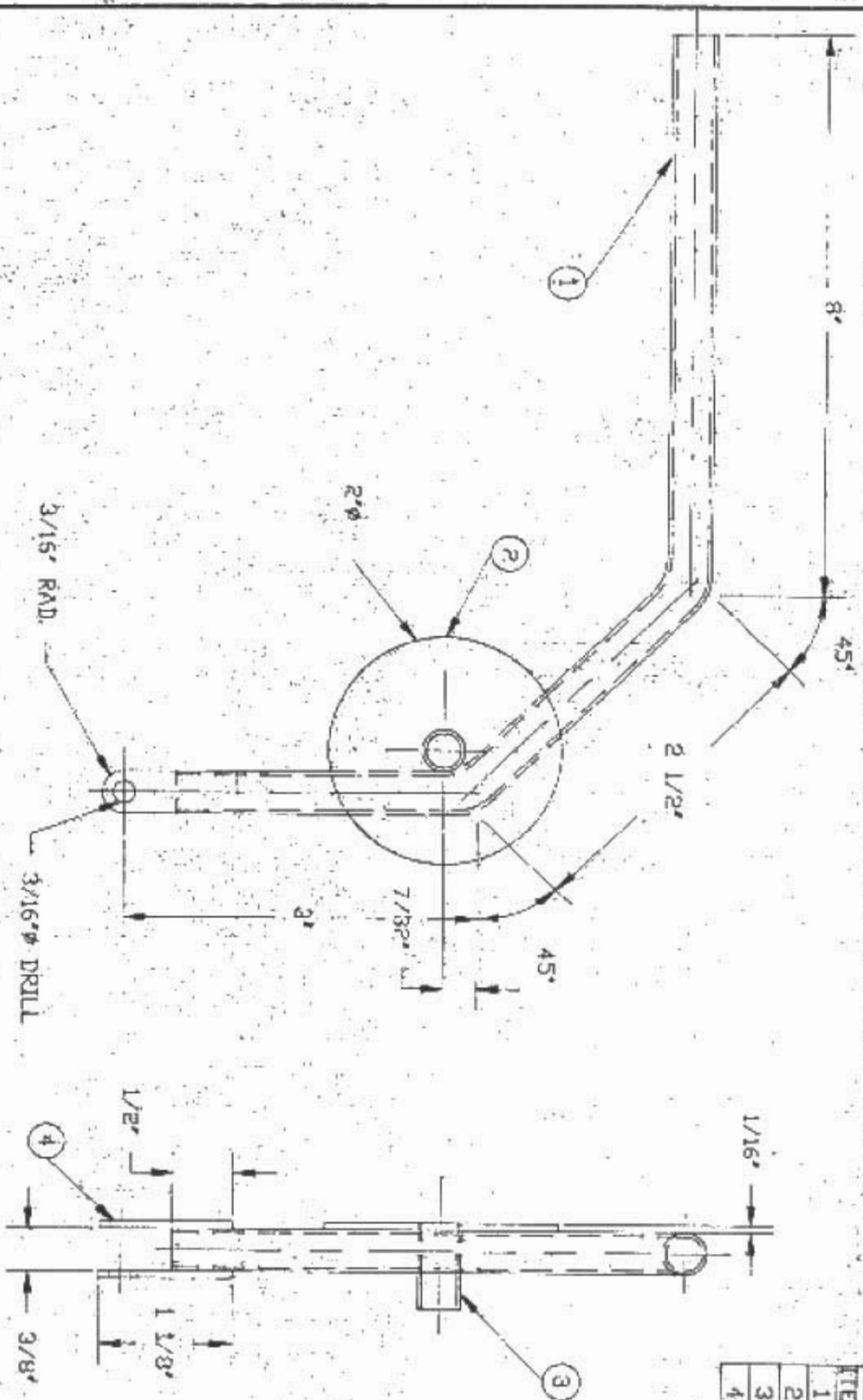
BENT SHAPE ITEM 1  
END VIEW



PART NOS EN-15

BEND UP 80°

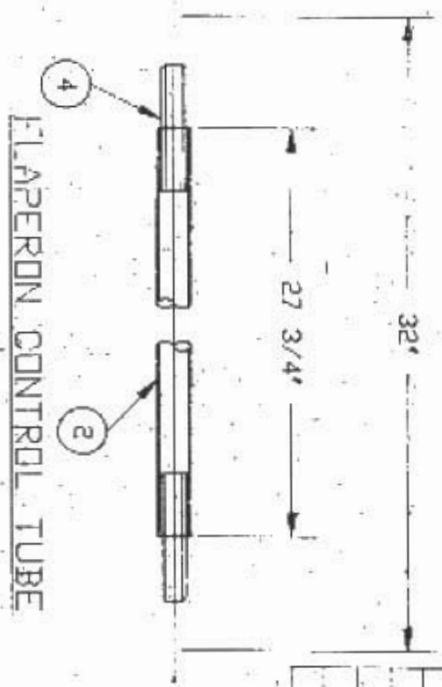
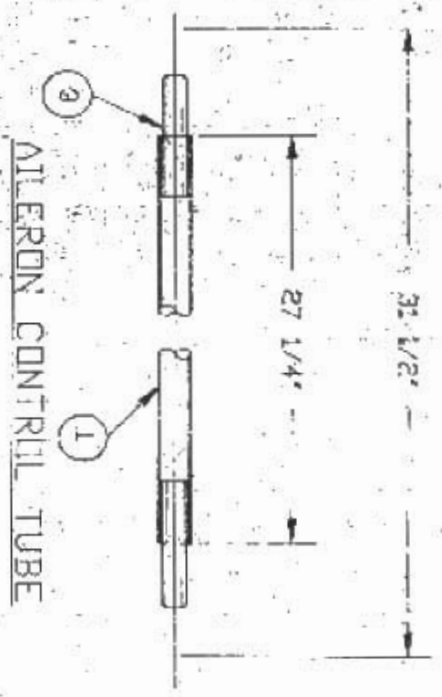
PART NAME		FIREWALL CLIPPER	
DATE	DESIGNER	DATE	DESIGNER
FEB 1989	WILLIAM L. LIA	FEB 1989	WILLIAM L. LIA
PER DWG	SAV 13	PER DWG	SAV 13



ITEM	QTY.	DESCRIPTION	
1	1	3/8" Ø X .035 X 14	4130N
2	1	1/16" SH TX 2" Ø	4130N
3	1	3/8" Ø X .065 X 3/4"	4130N
4	2	.065 SHT	4130N

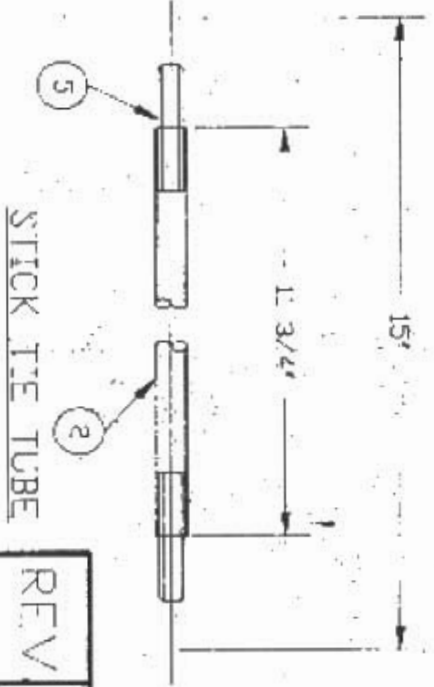
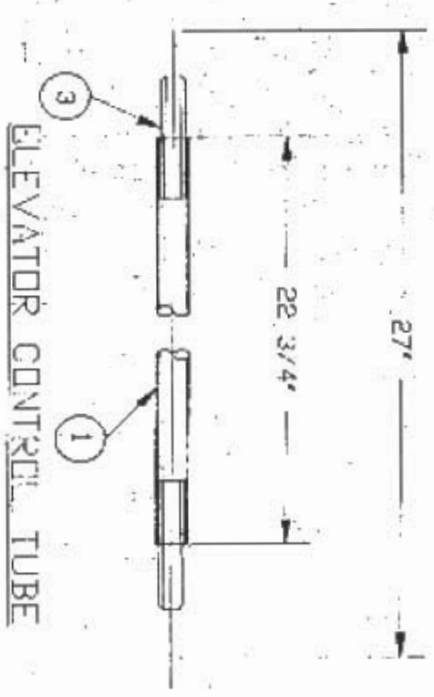
REV	PART NAME	DATE	DWG. No.
A	FLAP HANDLE	JAN '89	RAV-19
DATE	PART NOS.		
SDP/26/85	F-32		
		RECREATIONAL	
		SPECIALTIES LTD.	

ITEM	QTY	DESCRIPTION	
1	25 400	1/2"ØX.058	4130N
2	48 400	3/8"ØX.058	4130N
3	4	1/2" THD RUD END	AN490HT8P
4	2	3/8"X THD ROD END	AN490HT6P
5	2	3/8"X THD ROD END	AN490HT6P
		THREADED TO 10/32"	



AILERON CONTROL TUBE  
(UNDER SEAT)  
PART NOS. FL 21

FLAPERON CONTROL TUBE  
(UNDER SEAT)  
PART NOS. FL 24

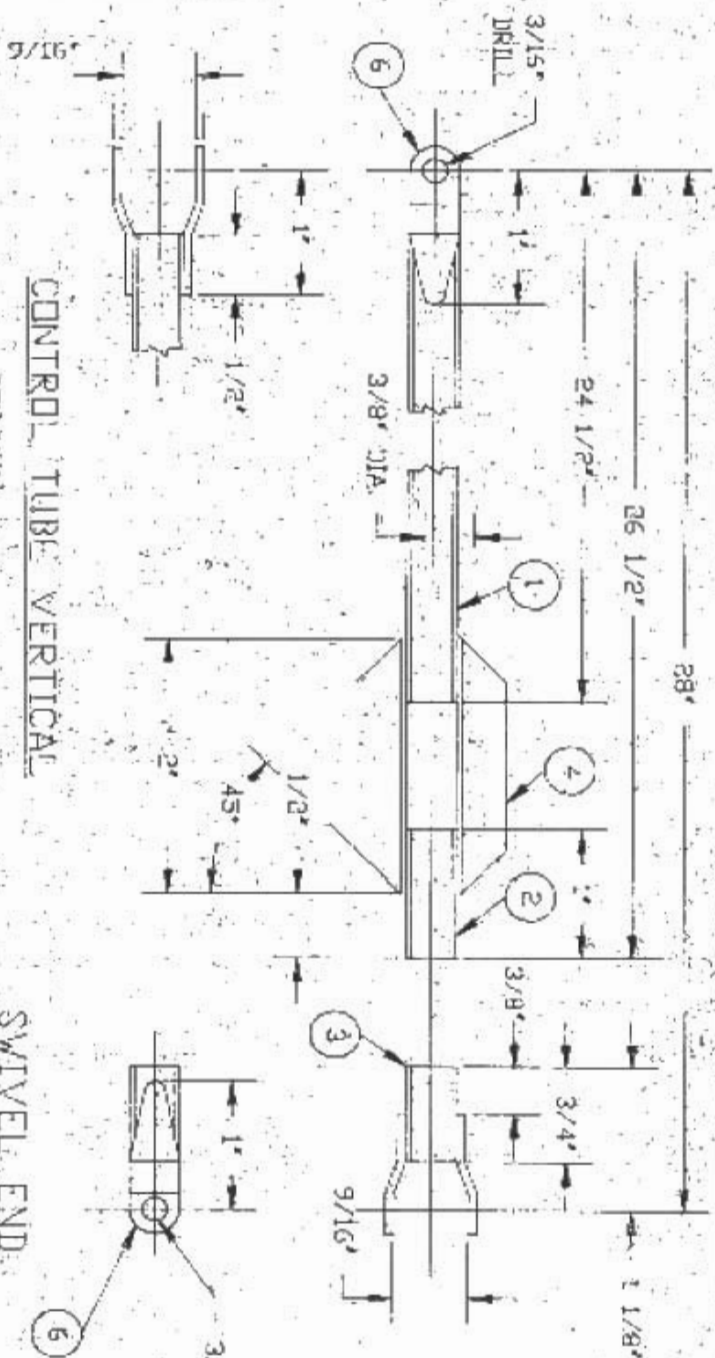


ELEVATOR CONTROL TUBE  
(UNDER SEAT)  
PART NOS. FL 23

STICK TIE TUBE  
(DUAL STICK)  
PART NOS. FL 20

REV	PART NAME	CONTROL
	TUBES HORIZONTAL	
A	DATE: FEB. '89	RECREATIONAL SPECIALTIES LTD.
DATE: SEP/25/86	PART NOS. PER DWG	DWG. NO. RAV-11

ITEM	QTY.	DESCRIPTION	
1	1	3/8"ØX.055X6"LG	4130N
2	1	3/8"ØX.065X1"LG	4130N
3	1	3/8"ØX.065X3/4"LG	4130N
4	2	3/8"ØX.035X2"LG	4130N
5	4	1/2"SQ. X 1 1/8" ALUM.	6061-T6
6	4	1/16" SHIT.	4130N



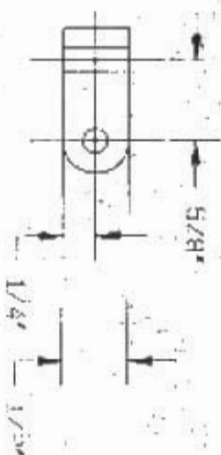
### CONTROL TUBE VERTICAL

QTY/UNIT: 2  
PART NOS. FL 25

### SWIVEL END

QTY/UNIT: 2  
PART NOS. FL 26

UNIVERSAL JOINT  
QTY/UNIT: 4  
PART NOS. FL 53

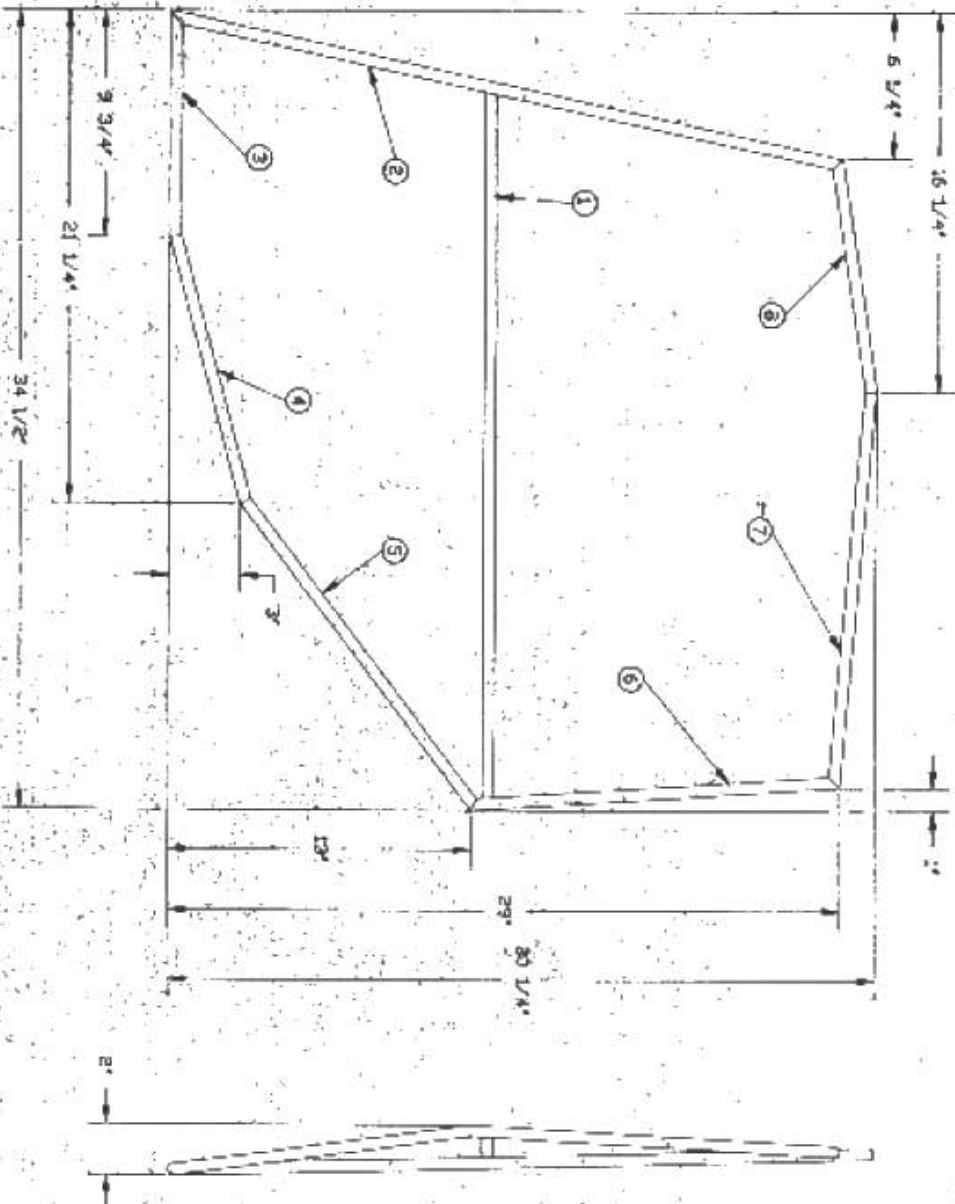


PART NAME:	CONTROL TUBE VERTICAL
DATE:	JAN '89
PART NOS:	PER DWG.
DWG. No.	RAV 22

RECREATIONAL  
SPECIALTIES LTD.

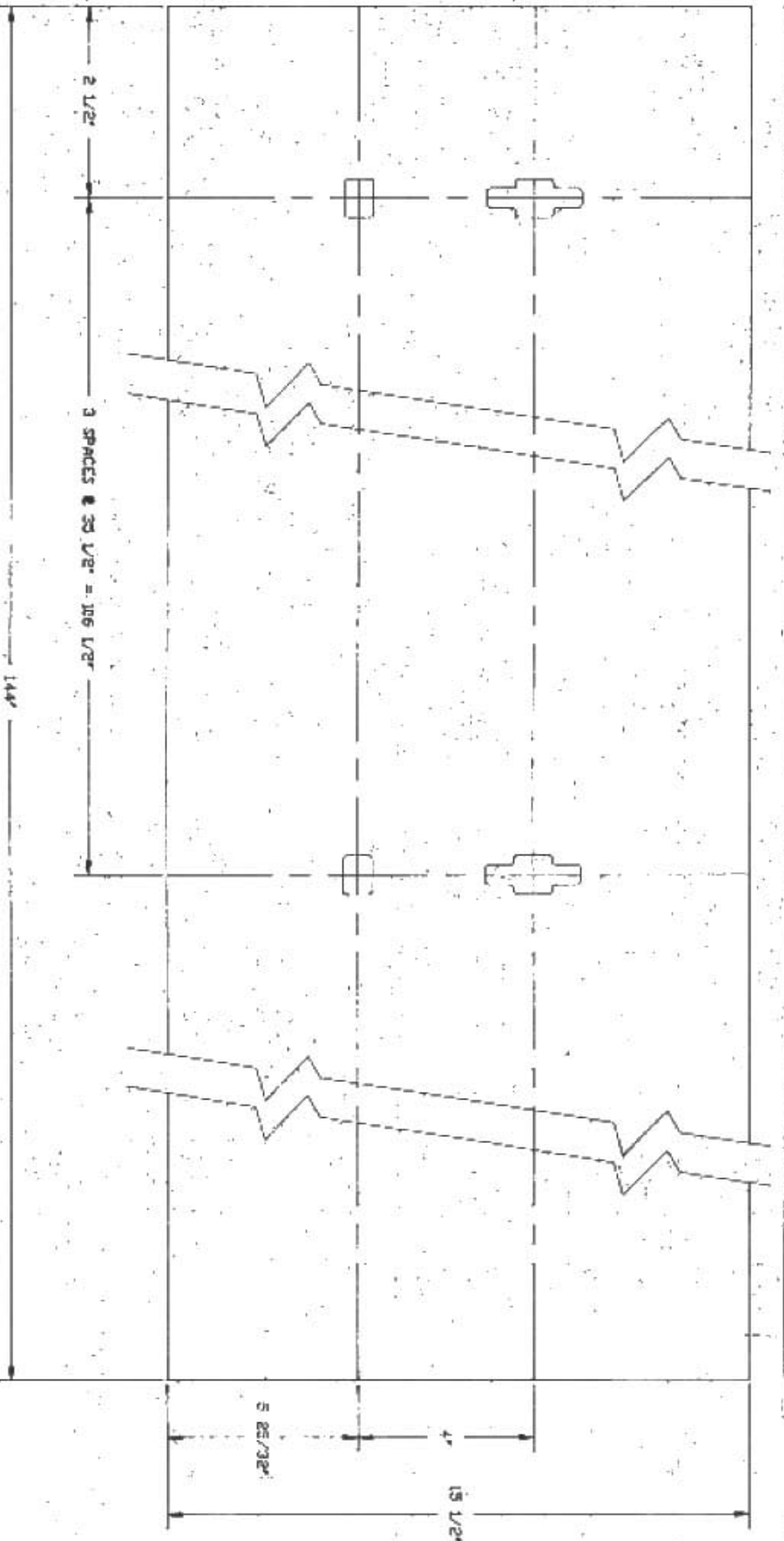


QTY	1	2	3	4	5	6	7	8
1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1

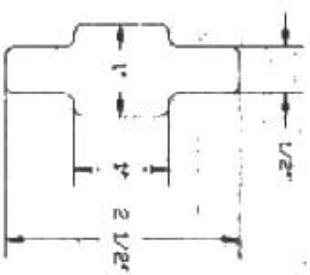


QTY/UNIT: 1-FL-28 LEFT SIDE-SHOWN  
4-FL-29 RIGHT SIDE-OPPOSITE

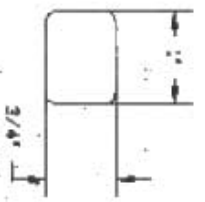
PART NAME		DOOR FRAME	
DATE	1-23-89	RECREATIONAL	SPECIALTIES LTD.
PART NO.	FL-28/29	QTY. NO.	RAY-13



# DEVELOPMENT



UPPER HOLE PROFILE



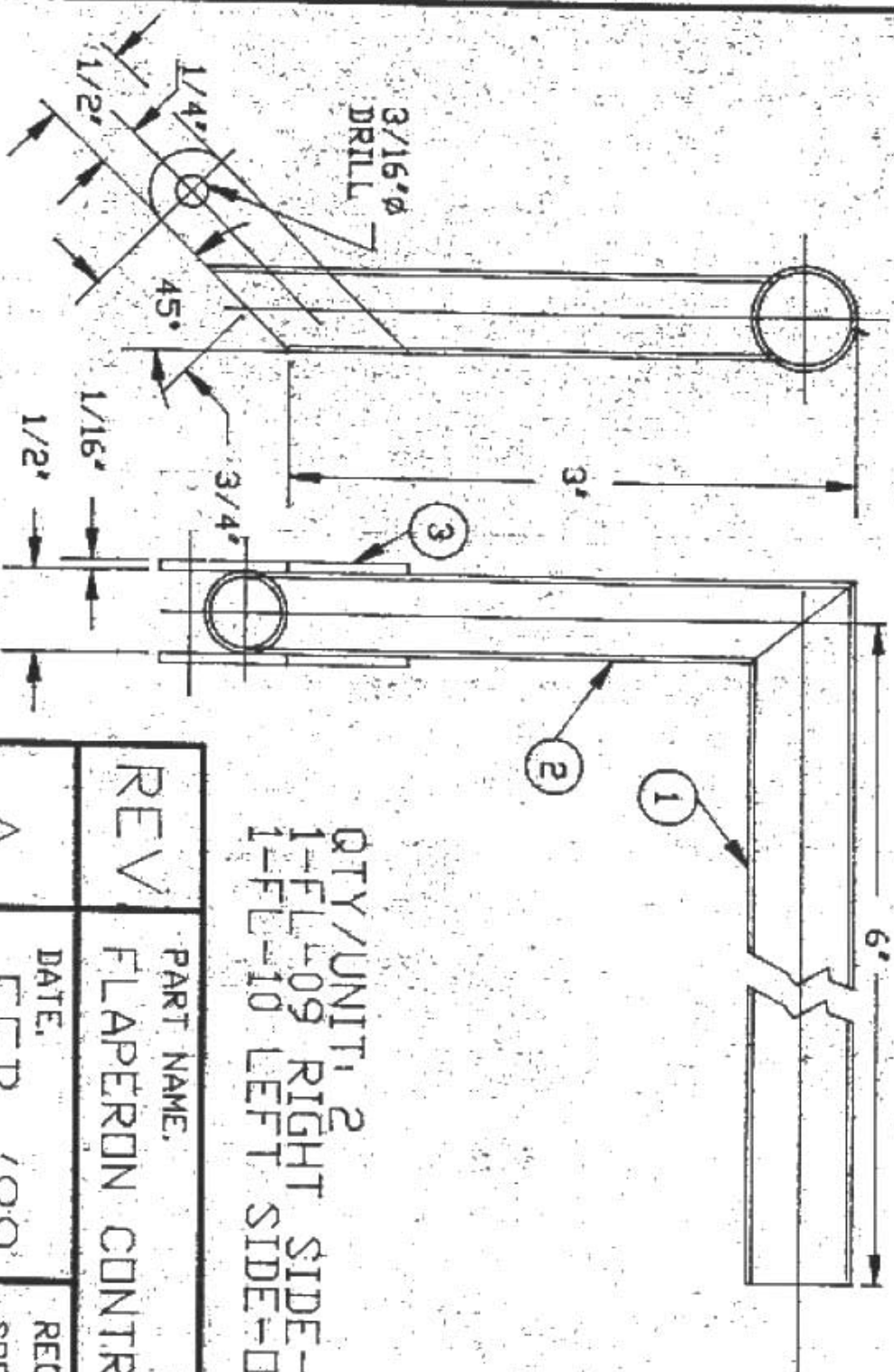
LOWER HOLE PROFILE

QTY/UNIT: 2  
MATERIAL: .016 ALUMINUM SHEET 2024T3

PART NAME: FLAPERON DEVELOPMENT	
DATE: FEB, '89	RECREATIONAL SPECIALTIES LTD.
PART NOS: WG-32	DWG. NO. RAV-20



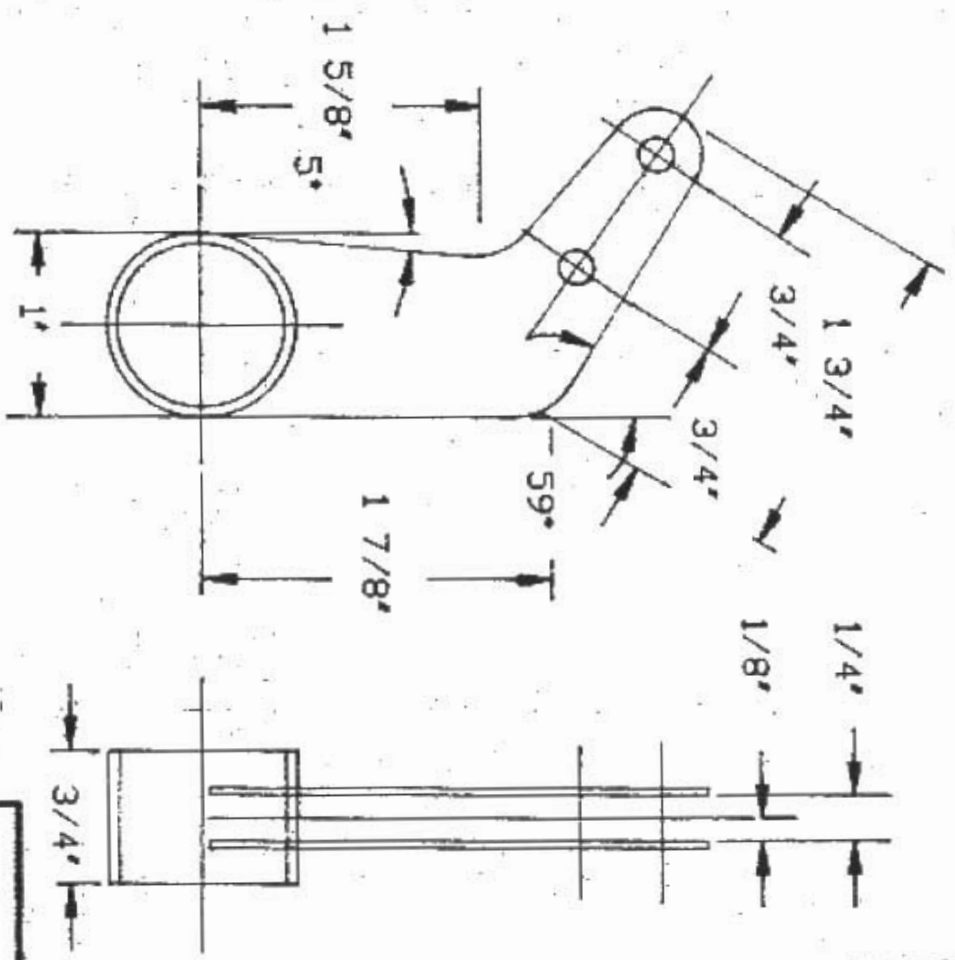
ITEM	QTY.	DESCRIPTION	
4	2	.062 SHT	4130N
5	1	5/16"Øx.065x7/8	4130N
6	1	.062 SHT	4130N



QTY/UNIT: 2  
 1-FL-09 RIGHT SIDE-SHOWN  
 1-FL-10 LEFT SIDE-OPPOSITE

REV	PART NAME.	FLAPERON CONTROL HORN
A	DATE.	FEB. '89
	PART NDS.	FL-09/10
	DATE.	SEPT/26/86
	DWG. No.	RAV-22
	RECREATIONAL SPECIALTIES LTD.	

ITEM	QTY.	DESCRIPTION	
1	1	1"ØX.058X3/4"S TUBE	4130N
2	2	.040 SHT.	4130N

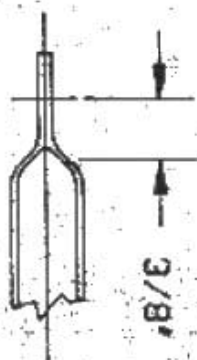
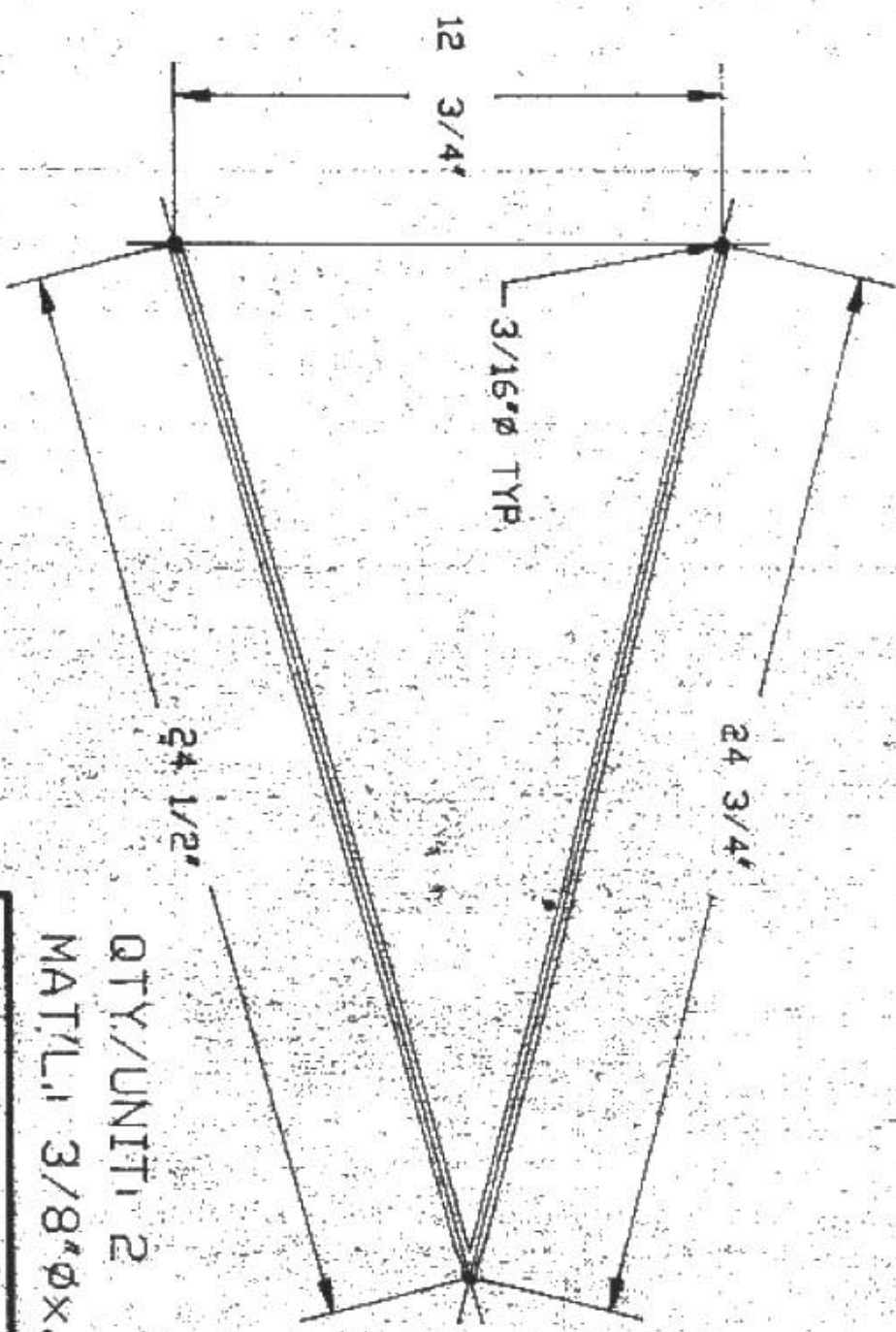


QTY/UNIT, 10

REV	PART NAME.		
	FLAPERON HINGE BRKT.		
A	DATE.	DATE.	RECREATIONAL
		JAN '89	SPECIALTIES LTD.
	DATE.	PART NOS.	DWG. No.
	SEP7/29/86	WG 11	RAV-23







TYP. END CRIMPING

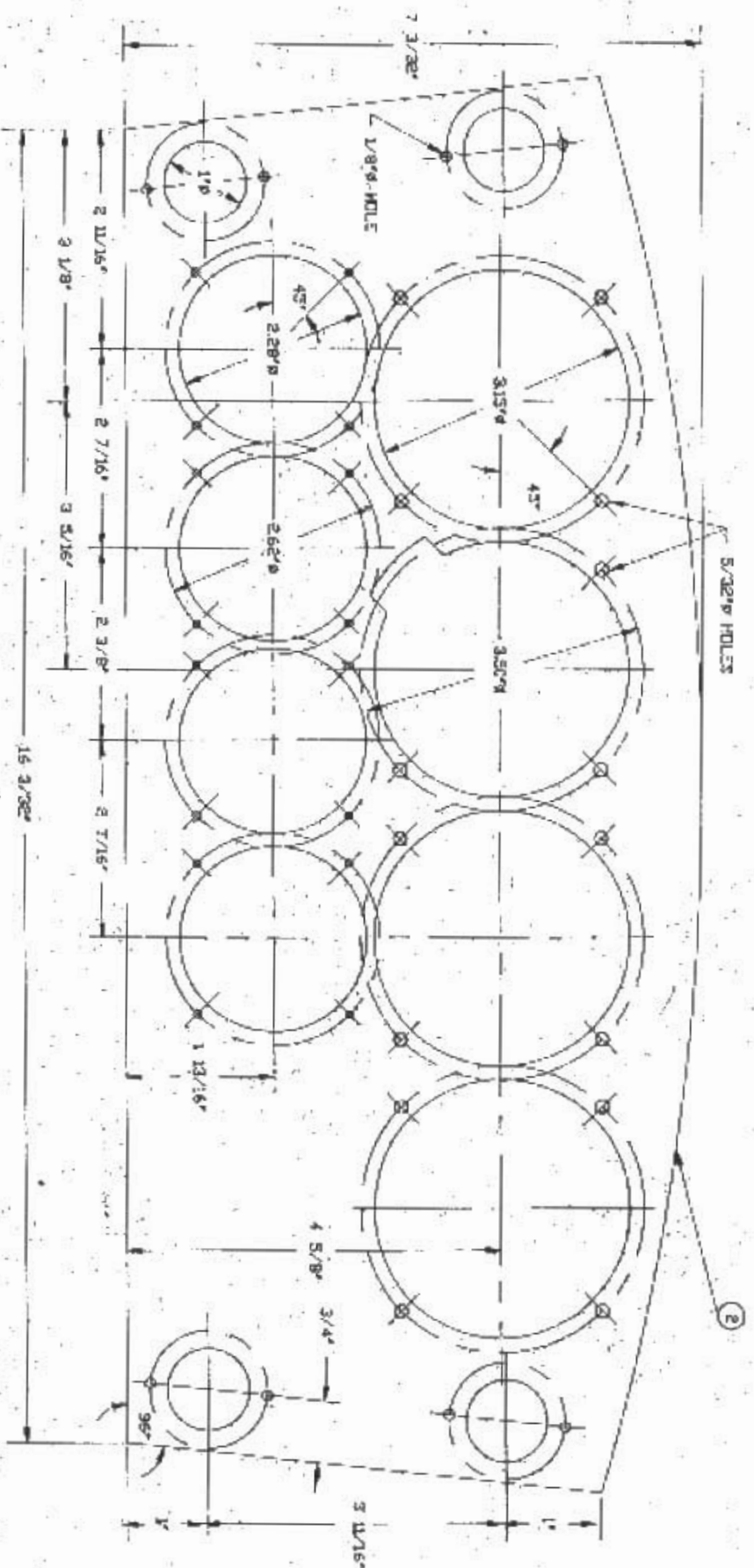
QTY./UNIT: 2  
 MAT'L: 3/8"Øx.035x52 LG

PART NAME: STABILIZER BRACE	
DATE: FEB. '89	RECREATIONAL SPECIALTIES LTD.
PART NOS. FL-35	DWG. NO. RAV-28

VIEW/QUANTITY		DESCRIPTION	
1	1	1/8" x 1/8" x .003	6061 T6
2	1	.060	6061 T6
3	1	.125	6061 T6

13 1/8"

PT. No. CF-21



PT. No. CF-19

PT. No. CF-22

PART NAME:  
INSTRUMENT PANEL

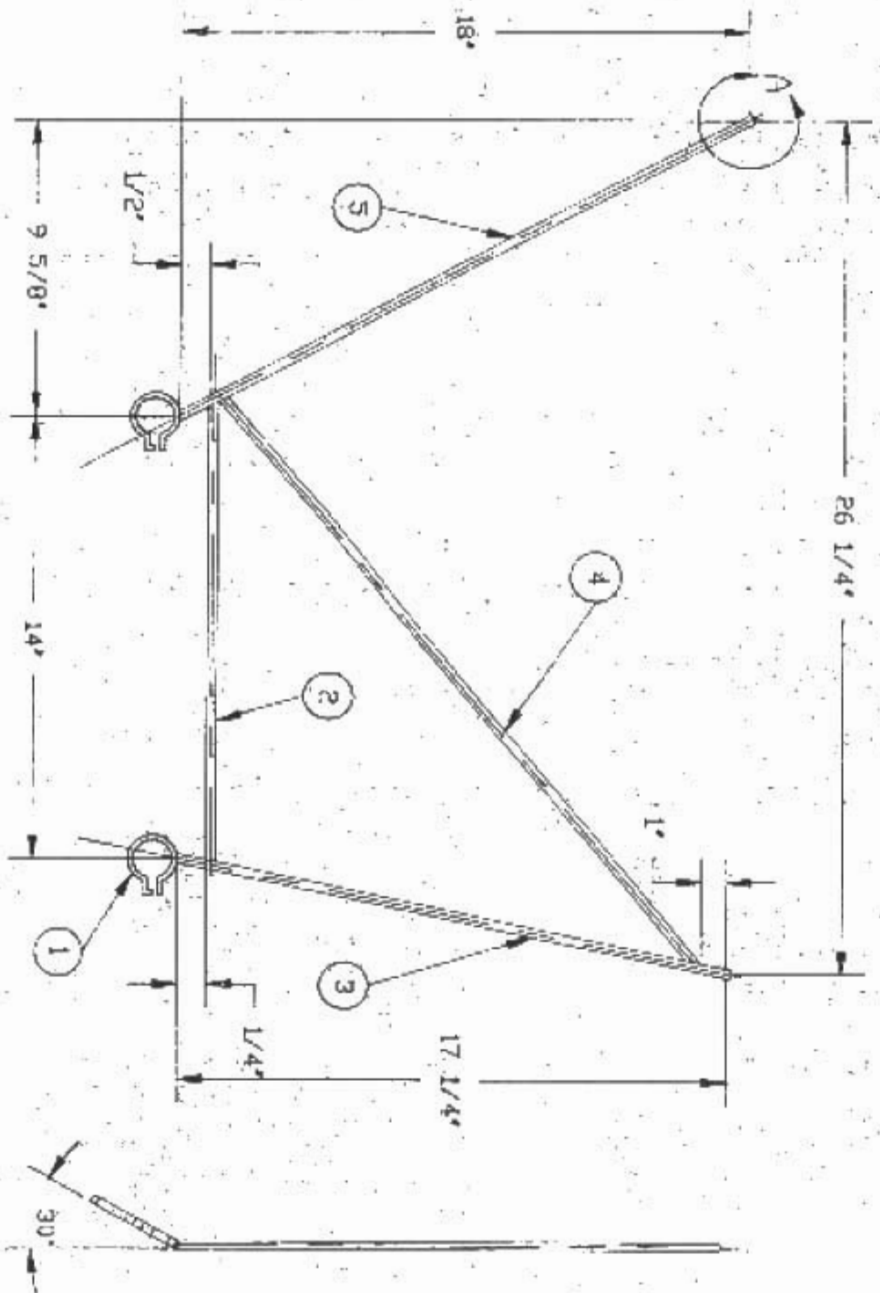
DATE:

FEB, '89

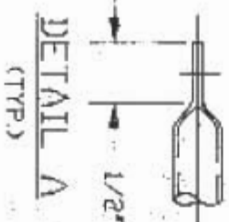
RECREATIONAL  
SPECIALTIES LTD.

PART NOS:

PER DWG: RAV-29



ITEM	QTY.	DESCRIPTION	
1	2	.040 SH. X1/2"X5"	4130N
2	1	3/8"ØX.035X14 1/2"	4130N
3	1	3/8"ØX.035X17 1/2"	4130N
4	1	3/8"ØX.035X20 1/4"	4130N
5	1	3/8"ØX.035X22"	4130N

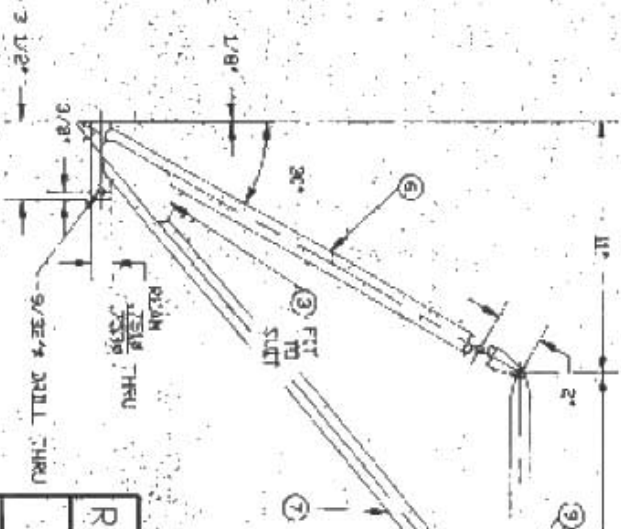
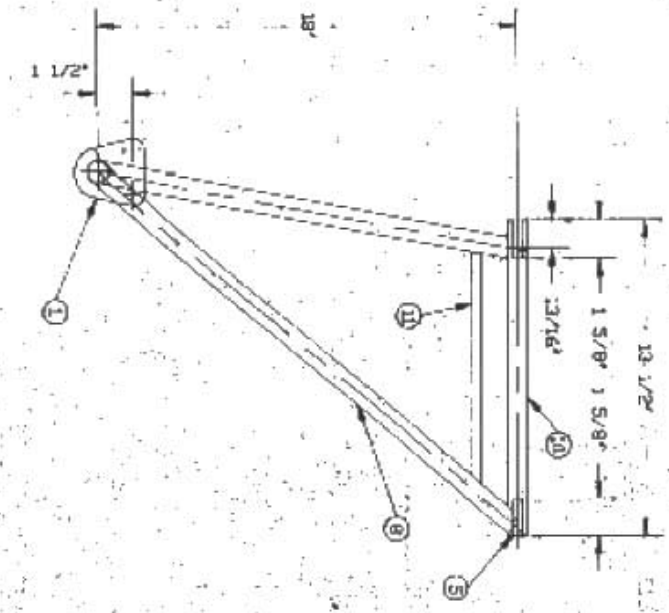
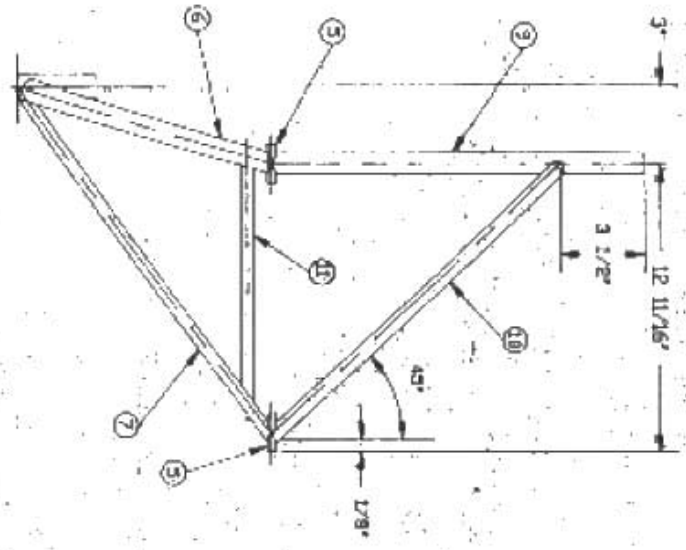
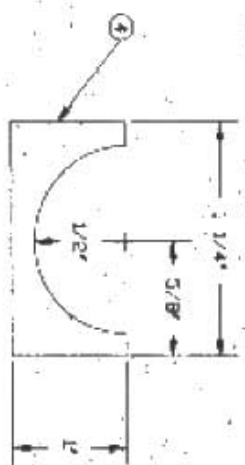
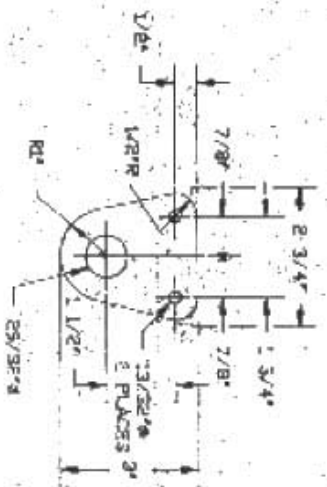


QTY/UNIT, 2  
QTY 1 W/3 14 L.S.-SHOWN  
QTY 1 W/3 15 R.S.-OPPOSITE

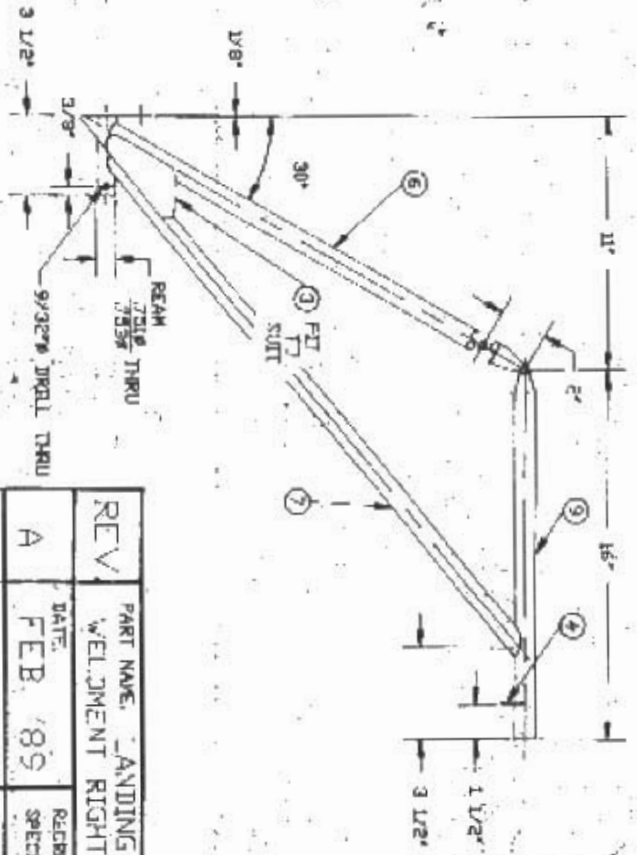
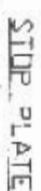
REV	PART NAME	DATE	RECREATION SPECIALTIES, LTD.
A	JURY STRUT	FEB. '89	
DATE: SEPT/86/86	PART NOS. WG-14/15	DWG. NO. RAV-30	

ITEMITY	DESCRIPTION	
1	2x2 3/4"x125 SHT	4130N
2	7/8"x156x3 1/2" S TUBE	4130N
3	1 DCS SHT	4130N
4	1 DCS SHT	4130N
5	3/8"x106x5x1 5/8 S TUBE	4130N
6	7/8"x106x5x1 5/8 S TUBE	4130N
7	3/8"x106x5x1 5/8 S TUBE	4130N
8	7/8"x106x5x1 5/8 S TUBE	4130N
9	7/8"x106x5x1 5/8 S TUBE	4130N
10	1/2"x106x5x1 5/8 S TUBE	4130N
11	1/2"x106x5x1 5/8 S TUBE	4130N

### BRAKE MOUNT

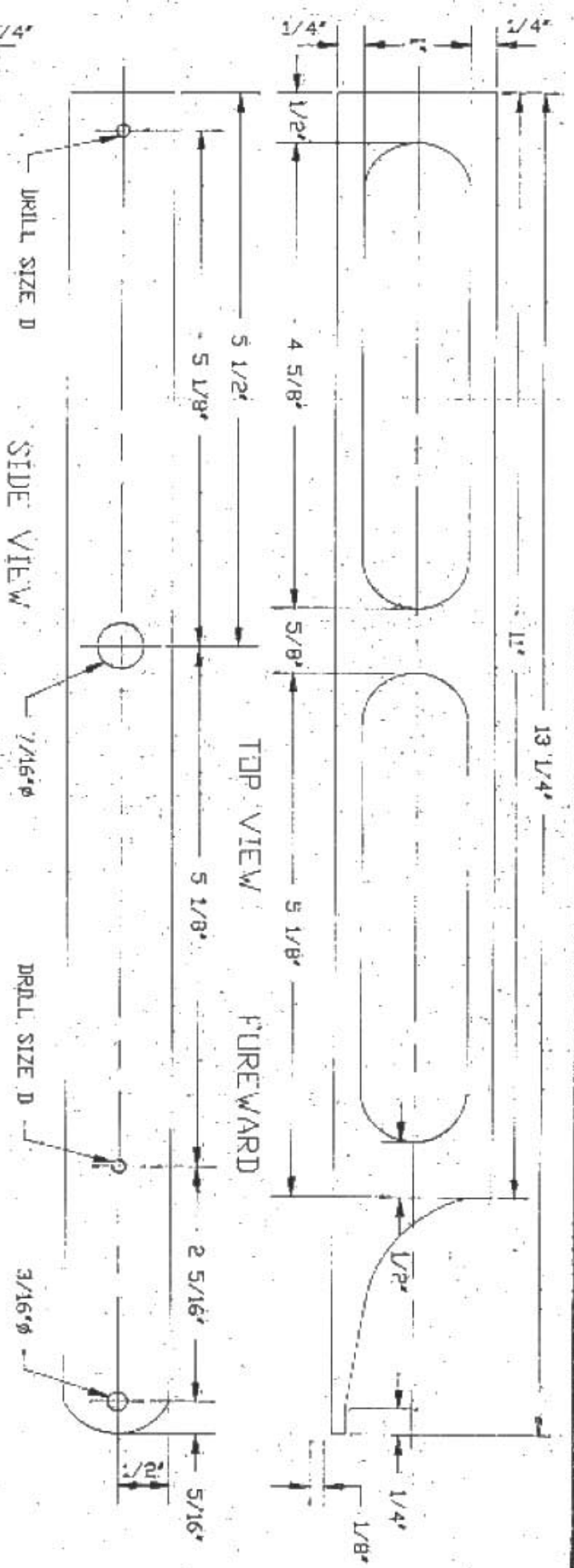


Technical drawing of a roof truss (Dachstuhl) showing structural components and dimensions. The drawing includes a side elevation and a plan view. Key dimensions include a height of 12 m, a width of 3 m, and a slope of 45°. Components are labeled with circled numbers 1 through 10.



REV	PART NAME: -ANDING GEAR WELJMENT RIGHT SIDE	
A	DATE: FEB. '85	RECREATIONAL SPECIALTIES LTD
DATE: 2/27/85	PART NOS. LG-39	QNG. NO. RAY-32





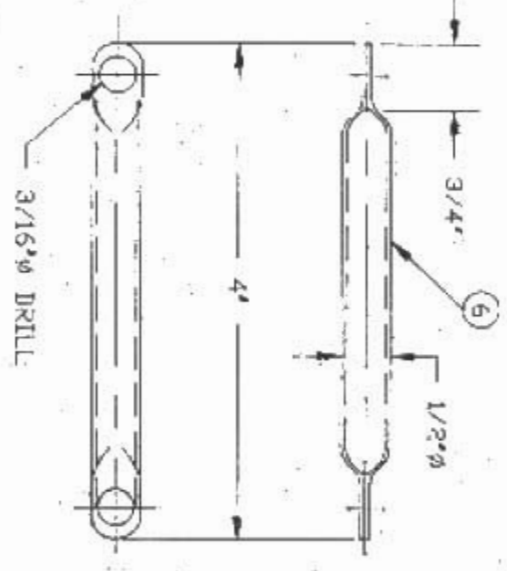
REMOVE MATERIAL ON BOTTOM  
DEPICTED BY SHADED AREAS

BOTTOM VIEW

REMOVE MATERIAL

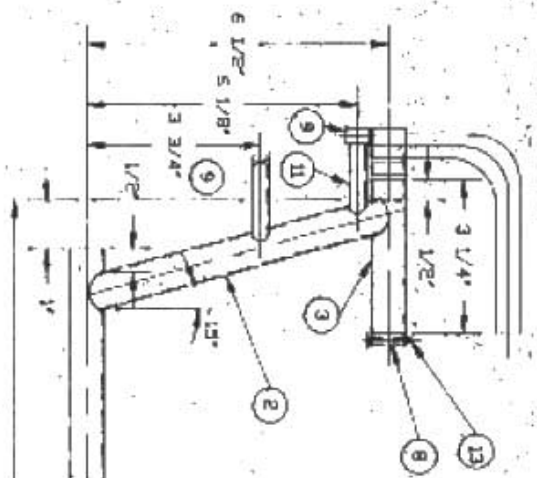
MATERIAL: 1"x1 1/2"x1/8" EXTRUDED 6061-T6 ALUMINUM

PART NAME: MIXER BELL CRANK	
DATE: FEB. '89	RECREATIONAL SPECIALTIES LTD.
PART NOS. FL-09	DWG. No. RAV-33

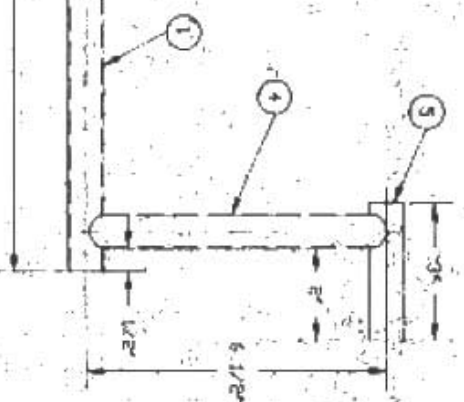


ITEM	QTY.	DESCRIPTION	
1	1	5/8"Øx0.35x44" S TUBE	4130N
2	3	3/8"Øx0.35x1' S TUBE	4130N
3	1	3/8"Øx0.35x13' S TUBE	4130N
4	1	3/8"Øx0.35x65 1/2" S TUBE	4130N
5	1	3/8"Øx0.35x12' S TUBE	4130N
6	1	3/8"Øx0.35x4 1/2" S TUBE	4130N
7	1	.25 SHt.	4130N



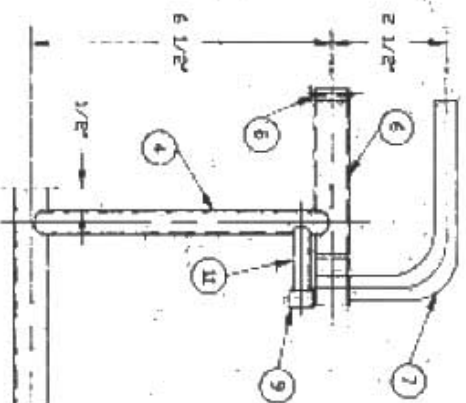


L.S. PEDAL ASSY  
PT. NOS. FL-37

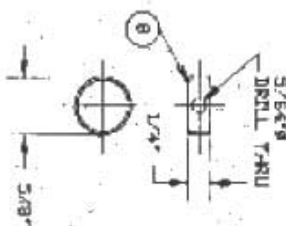
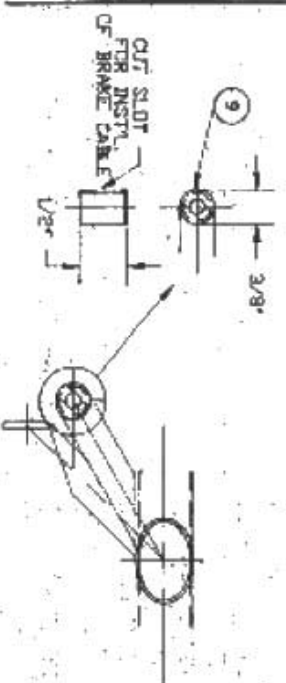
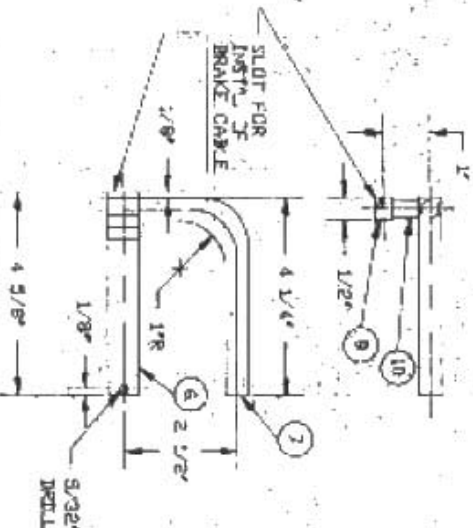
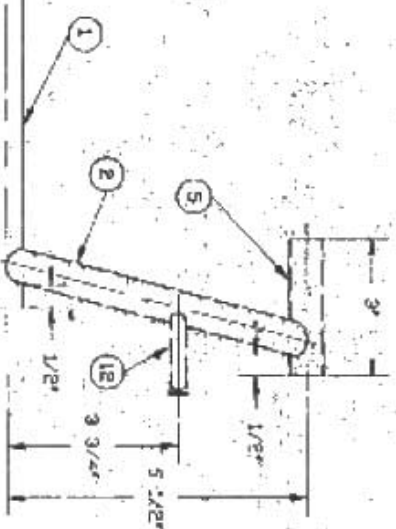


ITEM	QTY	DESCRIPTION	4130N
1	2	3/4"x.035x18 1/2" S TUBE	4130N
2	2	3/4"x.035x6 9/4" S TUBE	4130N
3	2	5/8"x.035x3 1/4" S TUBE	4130N
4	2	3/4"x.035x3 1/4" S TUBE	4130N
5	2	5/8"x.035x3 1/4" S TUBE	4130N
6	2	1/2"x.035x4 5/8" S TUBE	4130N
7	2	1/2"x.035x13/16 S TUBE	4130N
8	4	5/8"x.035x1/4 S TUBE	4130N
9	4	3/8"x.035x1/2 S TUBE	4130N
10	2	3/8"x.035x1/2 S TUBE	4130N
11	2	3/8"x.035x1/2 S TUBE	4130N
12	2	3/8"x.035x1/2 S TUBE	4130N
13	2	1/16 NPH X1 LG CUT-UP PIN	

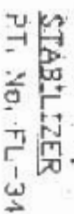
IDE BRAKE PEDAL  
PT. NOS. FL-39/40



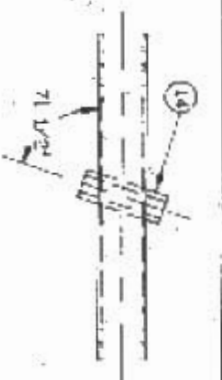
IDE PEDAL ASSY  
PT. NOS. FL-38



REV	PART NAME	DATE	REVISION
A	RUDER PEDAL ASSY	FEB. '89	SPECIALTIES LTD
DATE	PART NOS	DWG. NO.	
207/3/18	PER DWG	RAV-35	



## PT. No. 2-30



### DETAIL E

(LOCATED LOWER STREET, IT'S THE  
SUIT AT ASSY. USING STREET AS

PART NO.	DATE	PART NAME
PER JWG	FEB. '89	STABILIZER & ELEVATOR
RAY-36	RECEIVED	APICALITES LTD.

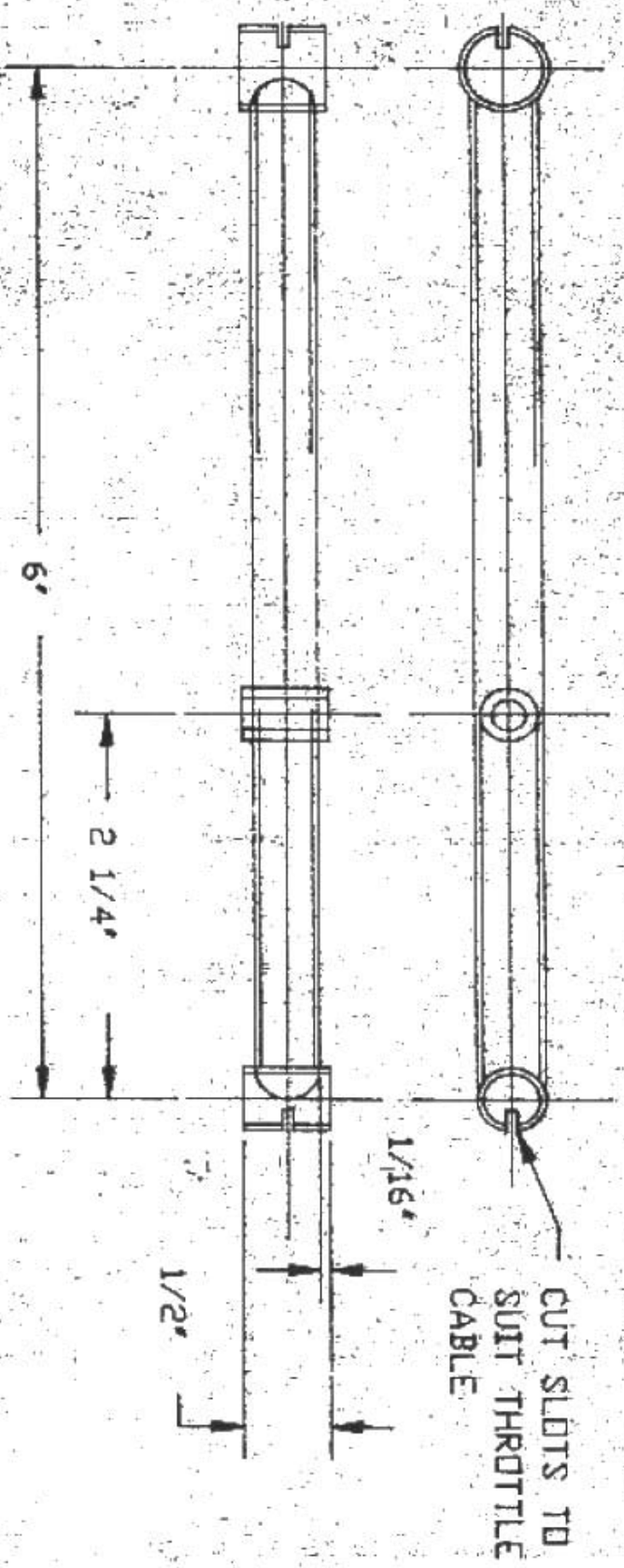


ITEM	QTY.	DESCRIPTION
1	1	1 1/4" x 1/4" x 11" SPRING STEEL.



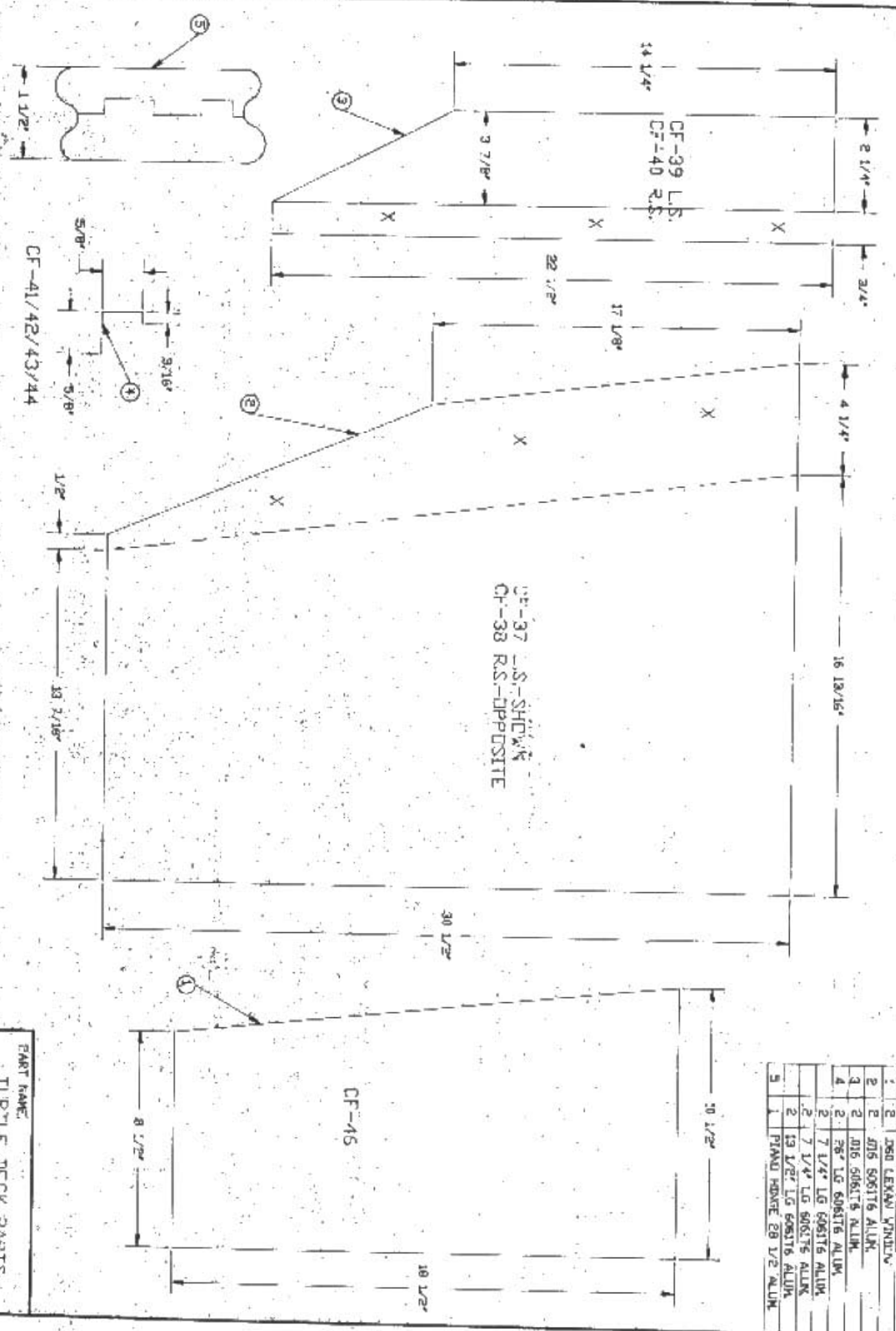
PART NAME	SPRING, TAIL WHEEL	
DATE	FEB. '89	RECREATIONAL SPECIALTIES LTD.
PART NOS.	16-12	DWG. No. RAV-38

ITEM	QTY.	DESCRIPTION	
1	1	3/8"Øx.035x6	4130N
2	3	5/16"Øx.065x1/2	4130N
3	1	1/2"Øx.035x1/2 LG	4130N
4	1	3/8"Øx.035x1/2 LG	4130N



REV	PART NAME: THROTTLE REVERSER		
A	DATE: FEB. '89	RECREATIONAL SPECIALTIES LTD.	
DATE: SEP/25/86	PART NOS. EN-43	DWG. No. RAV-39	

ITEM NO.		QUANTITY	UNIT
1	250	LEXAN VINYL	
2	2	405 506116 ALUM.	
3	2	4016 506116 ALUM.	
4	2	56" LG 506116 ALUM.	
5	2	7 1/4" LG 506116 ALUM.	
6	2	7 1/4" LG 506116 ALUM.	
7	2	13 1/2" LG 506116 ALUM.	
8	1	PIVOT HINGE 28 1/2 ALUM.	



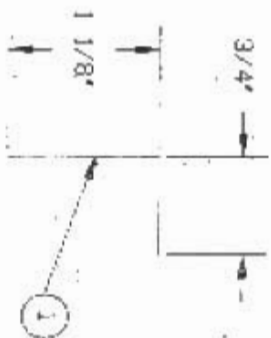
PT. NOS. CF-18

LEFT SIDE ONLY, R.S. OPPOSITE  
FOR ITEMS 12, 8 & 3

PART NAME		DATE	
TURTLE DECK PARTS		FEB. '89	
PART NOS.		REV. NO.	
PER DWG.		RAV-40	

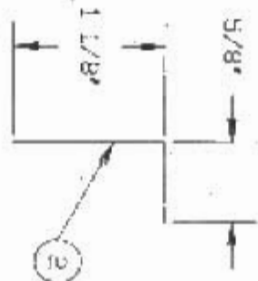


ITEM	QTY.	DESCRIPTION	
1	1	30"x016"	6061T6 ALUM.
2	1	32"x016"	6061T6 ALUM.
3	2	16"x016"	6061T6 ALUM.



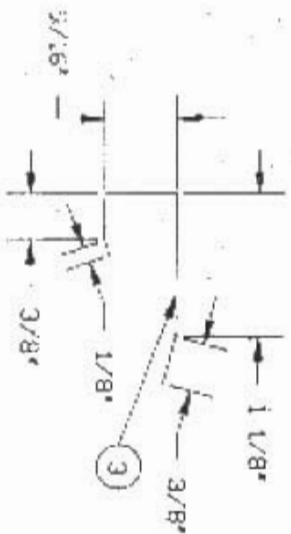
WINDSHIELD ANGLE TOP REAR

PART NOS. CF-50



WINDSHIELD ANGLE TOP FRONT

PART NOS. CF-49

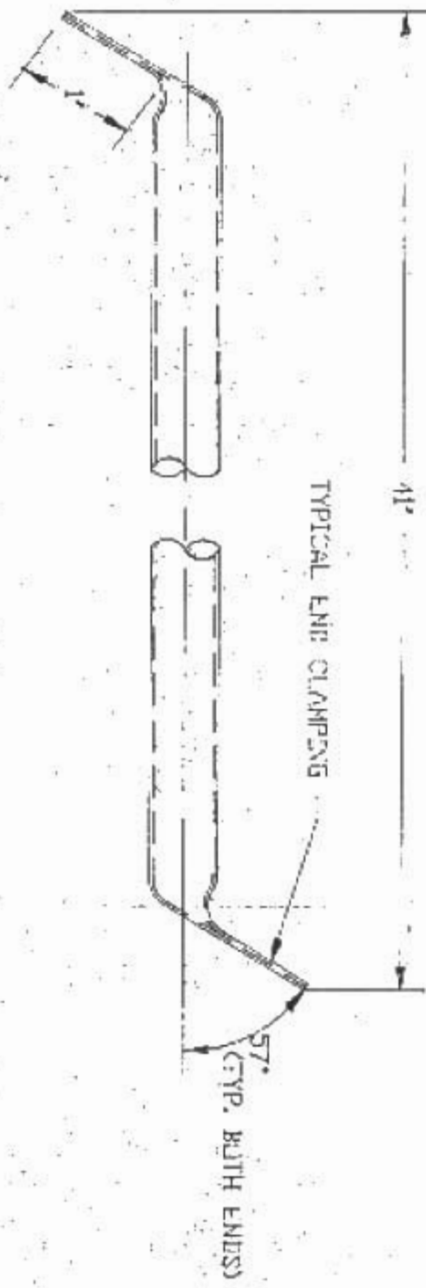
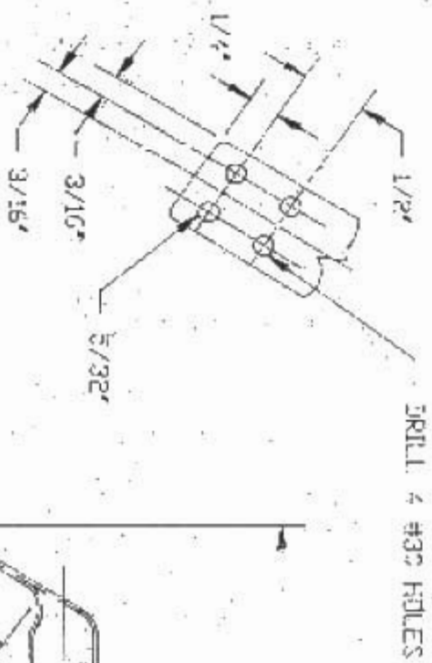


WINDSHIELD BRACKET SIDE

PART NOS. CF-48

PART NAME	WINDSHIELD SUPPORTS
DATE	FTB. '89
PART NOS.	DPR DWG
REVISIONAL	SPECIALTIES LTD.
DWG. NO.	RAV-41

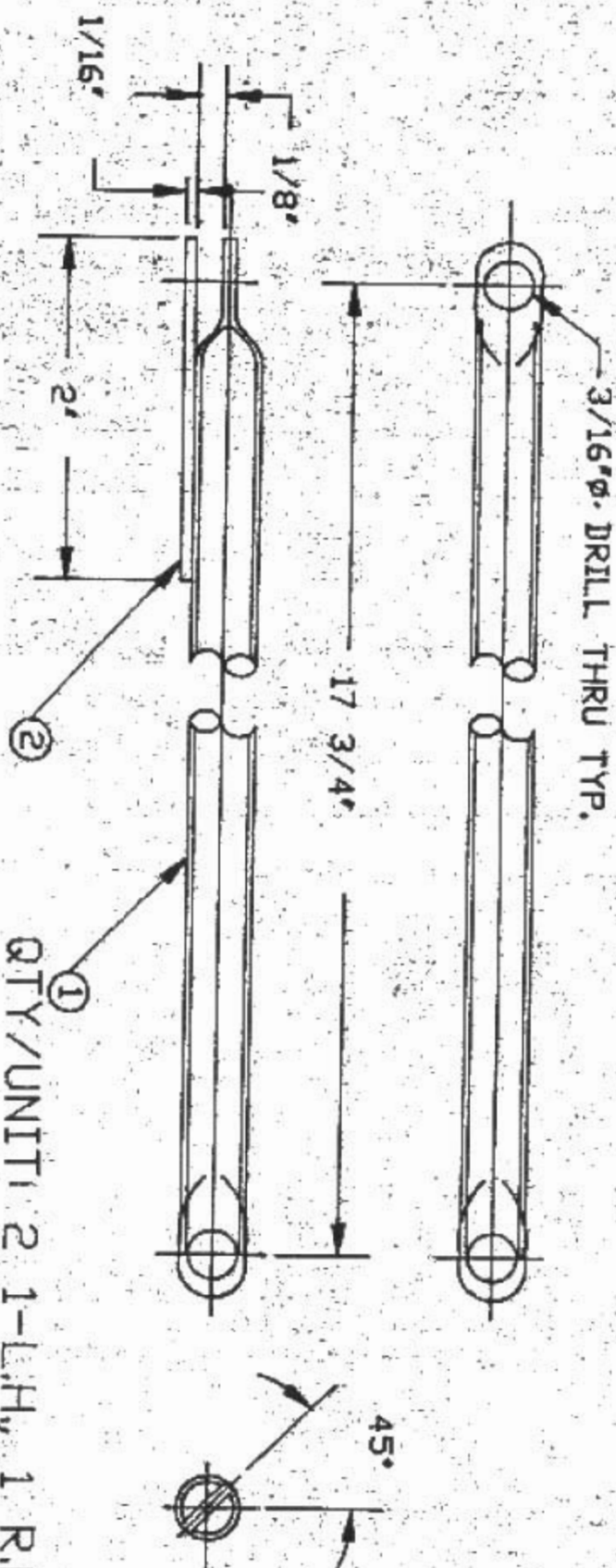
ITEM QTY. DESCRIPTION  
 1 8 1/2" X .028 6061T6 ALUMINUM



PART NAME WING BRACE	
DATE JAN '89	RECREATIONAL SPECIALTIES LTD.
PART NOS. WAG 01	DWG. NO. RAY-42



ITEM	QTY.	DESCRIPTION	
1	1	1/2"Øx.035x18 1/2" S TUBE	4130N
2	1	.063 SHT. x1/2"x2"	4130N



QTY/UNIT: 2 1-L.H., 1 R.H.

PART NAME:

WING LOCK BRACE

DATE:

FEB. '89

RECREATIONAL

SPECIALTIES LTD.

PART NOS.

FL-54

DWG. NO.

RAV-44

5	3/4" x .025" x 9" S TUBE	4.30N
2	3/4" x .025" x 9" S TUBE	4.30N
4	3/8" x .025" x 5 TUBE	4.30N
1	.050 SHT.	4.30N
5	.050 SHT.	4.30N
2	.050 SHT.	4.30N
7	.062 SHT.	4.30N
8	1/2" x .025" x 7" S TUBE	4.30N
9	3/4" THD. KYLE END	AAA9HTTLP

A diagram of a vertical assembly, possibly a piston or valve mechanism. A label '6' in a circle points to a component on the right side of the assembly.

11/32" DRILL. THREE

1. WG-17 RIGHT SIDE-SHOW N.

### DETAILS:

The diagram illustrates the geometry of a beam element. It shows a horizontal reference line with several vertical and angled dimensions. Key dimensions include a top angle of  $20^\circ$ , a vertical distance of  $1'$  from the bottom to a dashed line, a total height of  $2\frac{1}{2}''$  from the bottom to the top edge, and a small offset of  $\frac{1}{4}''$  at the base.

REV	PART NAME	
A	WING STRUT R.S.	
DATE	DATE	RECREATIONAL
07/25/86	FEB. '89	SPECIALTIES LTD.
PART NOS.	Dwg No.	
WG-16/17	RAY-45	