

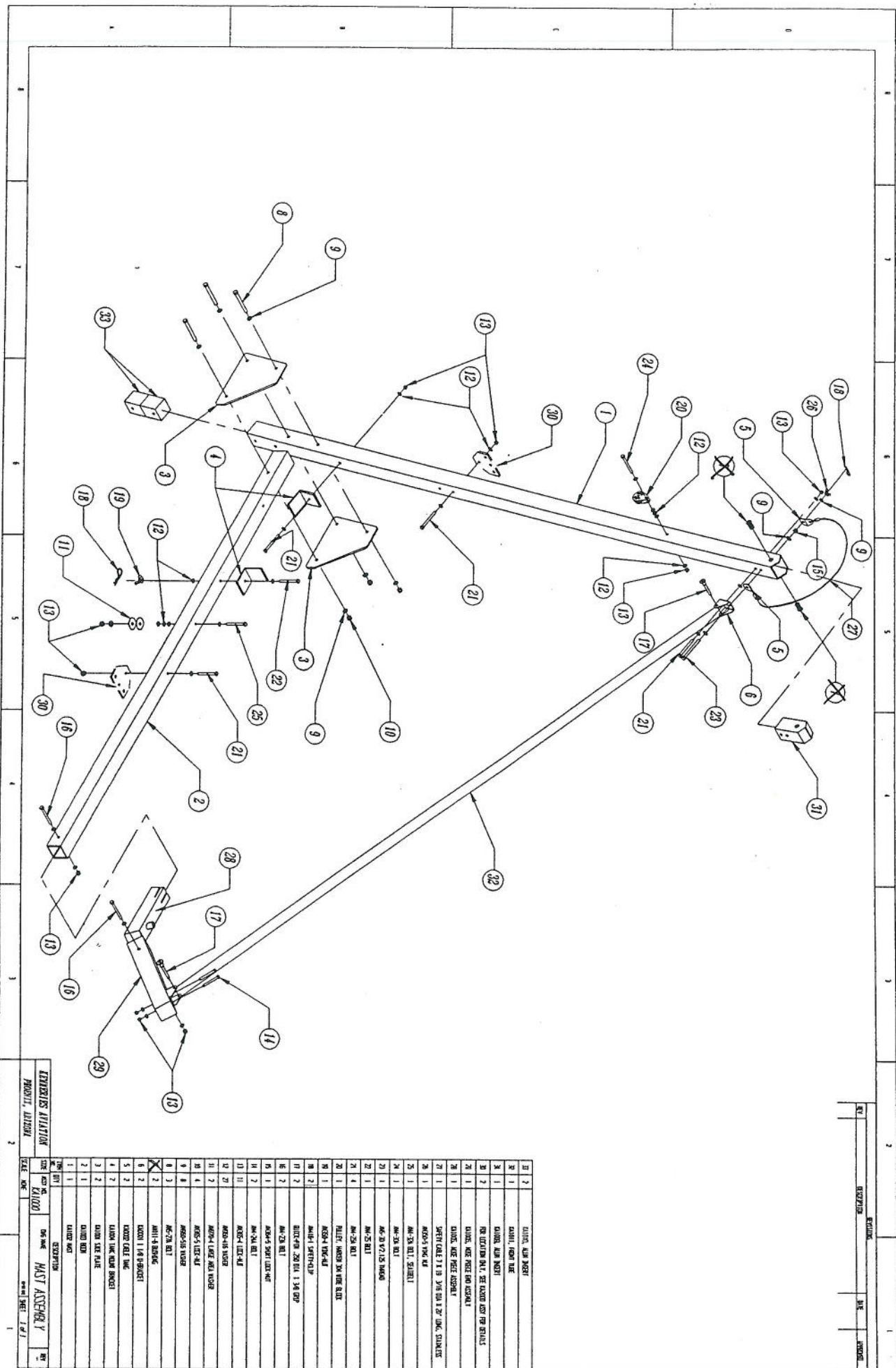
TUKAN

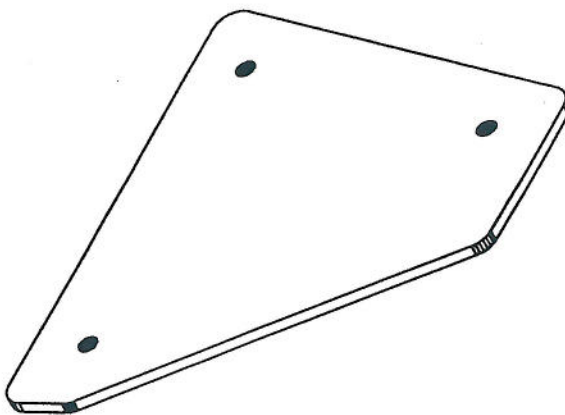
MAST

ASSEMBLY

KA-1

KA# 1001 SIDE PLATE
KA# 1002 MAST
KA# 1003 BOOM
KA# 1004 TANK BRACKET
KA# 1005 NOSE PIECE
KA# 1005-1 NOSE (ITEM 1)
KA# 1005-2 NOSE (ITEM 2)
KA# 1006 NOSE END
KA# 1009 MAST INSERT
KA# 1010 INSERT
KA# 1011 FRONT TUBE
KA# 0001 MOUNT BRACKET
KA# 0002 SAFETY CABLE TANG

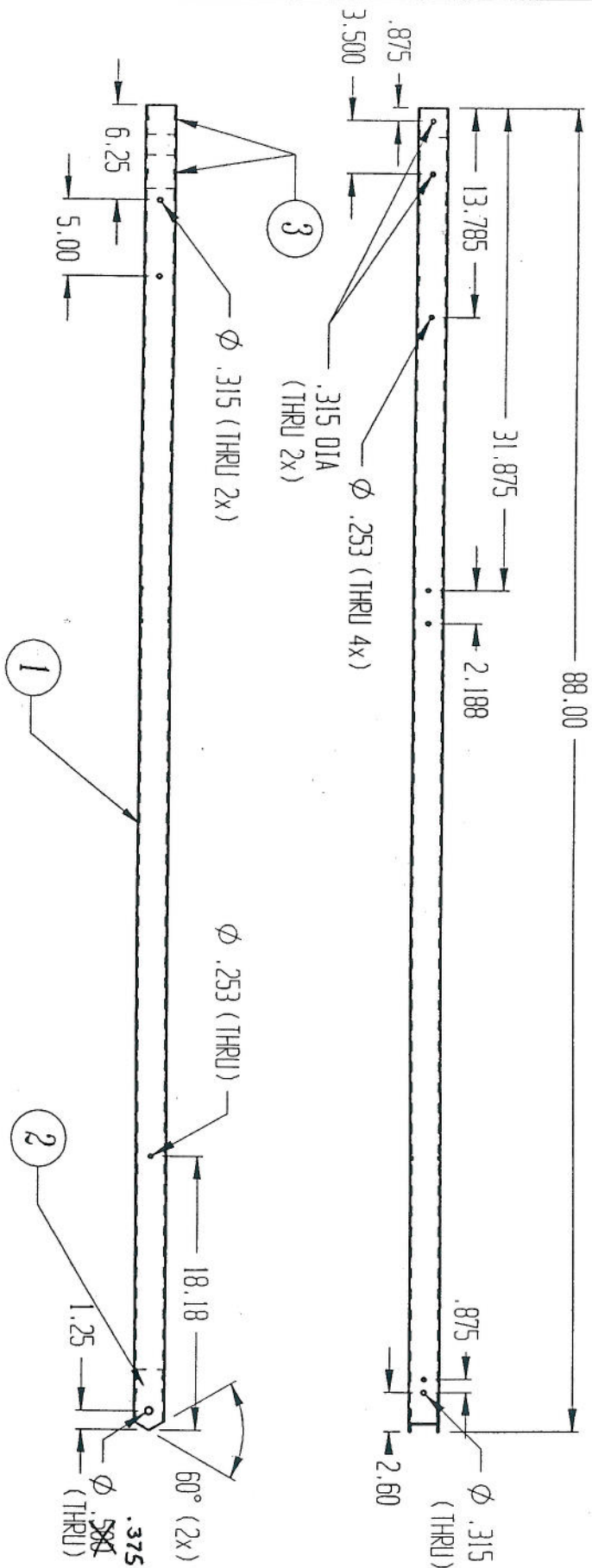




MATERIAL: .250 THK 2024 ALUM

KEMMERIES AVIATION		DWG NO.	MAST SIDE PLATE	REV
SCALE	NONE	10-94 RAE	SHEET	1 of 1

PART # KA1001



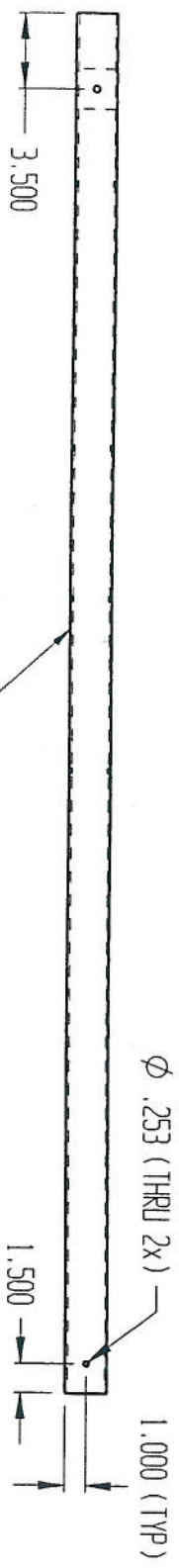
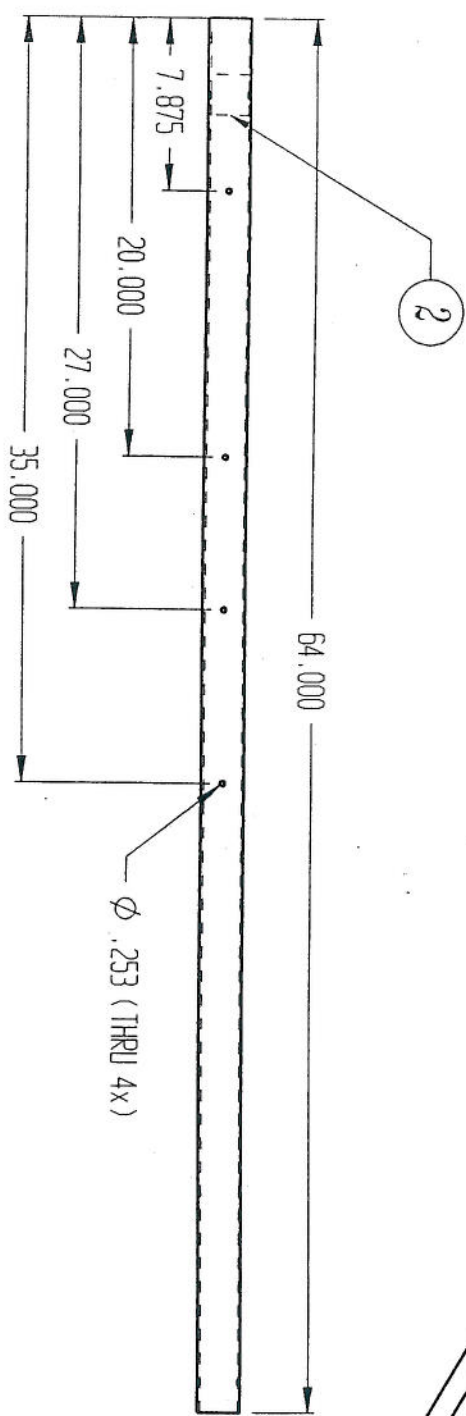
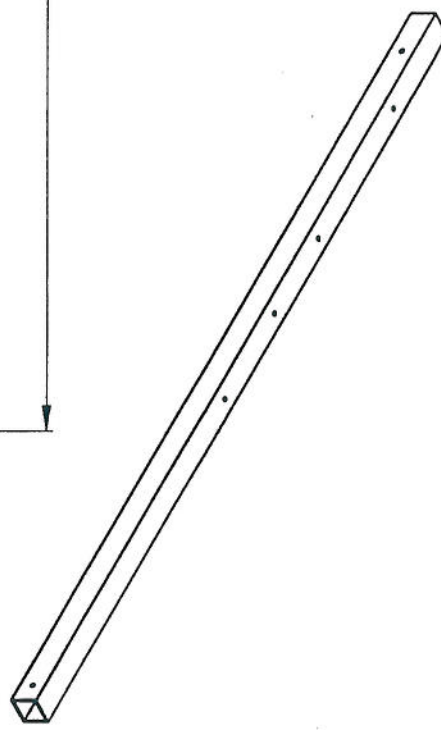
PART # KA1002

3	2	KA1010, ALUM INSERT
2	1	KA1009, ALUM INSERT
1	1	2" SQ. .125 WALL 6061-T6 ALUM TUBE
ITEM	QTY	DESCRIPTION

KEMMERIES AVIATION
 Dwg. NAME
 MAST
 REV

SCALE NONE
 10-94 RAC
 SHEET 1 of 1

NOTES: REMOVE ALL BURRS AND SHARP EDGES



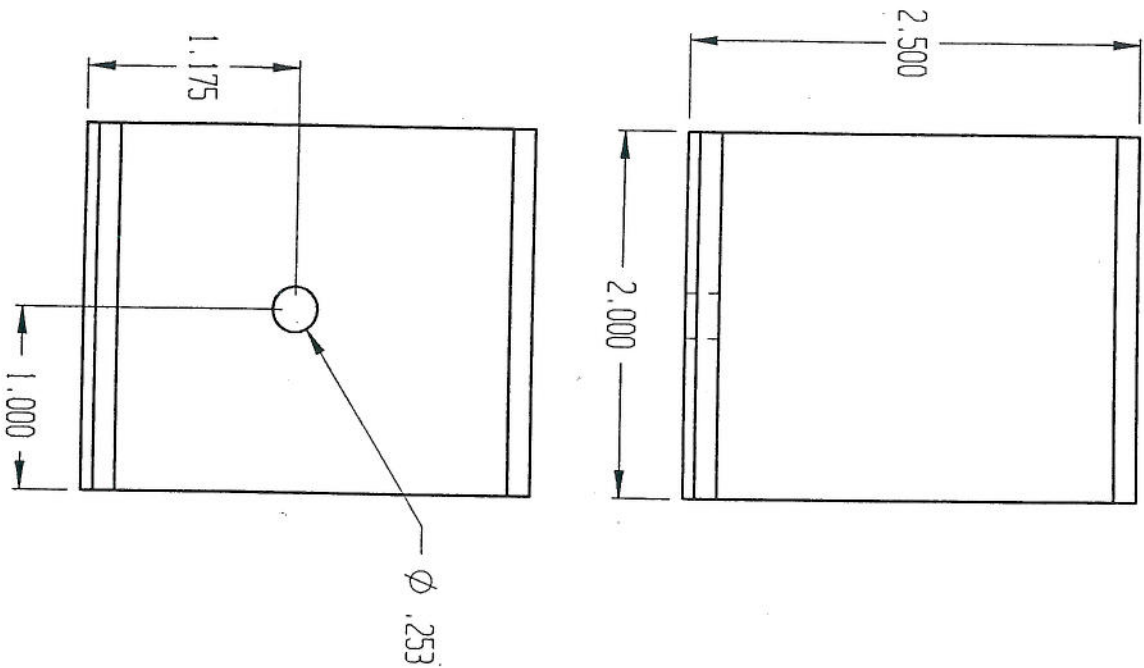
$\phi .253$ (THRU 4x)

$\phi .253$ (THRU 2x)

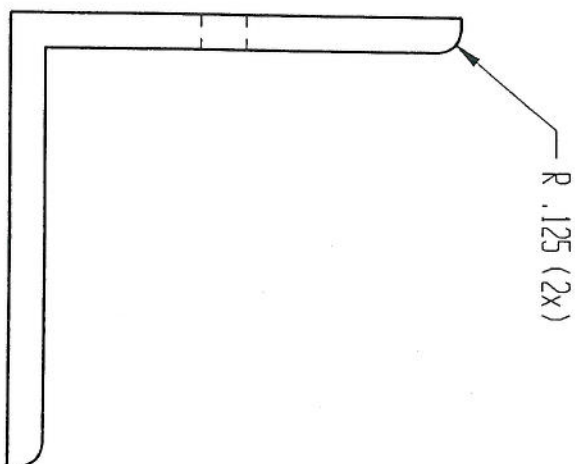
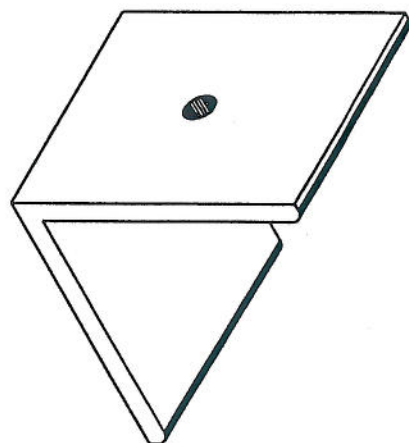
NOTES: REMOVE ALL BURRS AND SHARP EDGES

2	1	KA1010, ALUM INSERT	
1	1	2" SQ. .125 WALL 6061-T6 ALUM TUBE	
ITEM	QTY	DESCRIPTION	REV
KENNERIES AVIATION		DWG NAME	BULIM
SCALE NONE		10-94 RAC	SHEET 1 of 1

PART # KA1003



NOTES: REMOVE ALL BURRS AND SHARP EDGES



MATERIAL: 2.5 X 2.5 X .189 THK ALUM ANGLE

KEMMERIES AVIATION

DWG NAME

TANK BRACKET

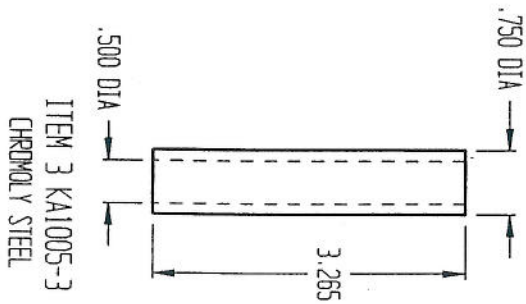
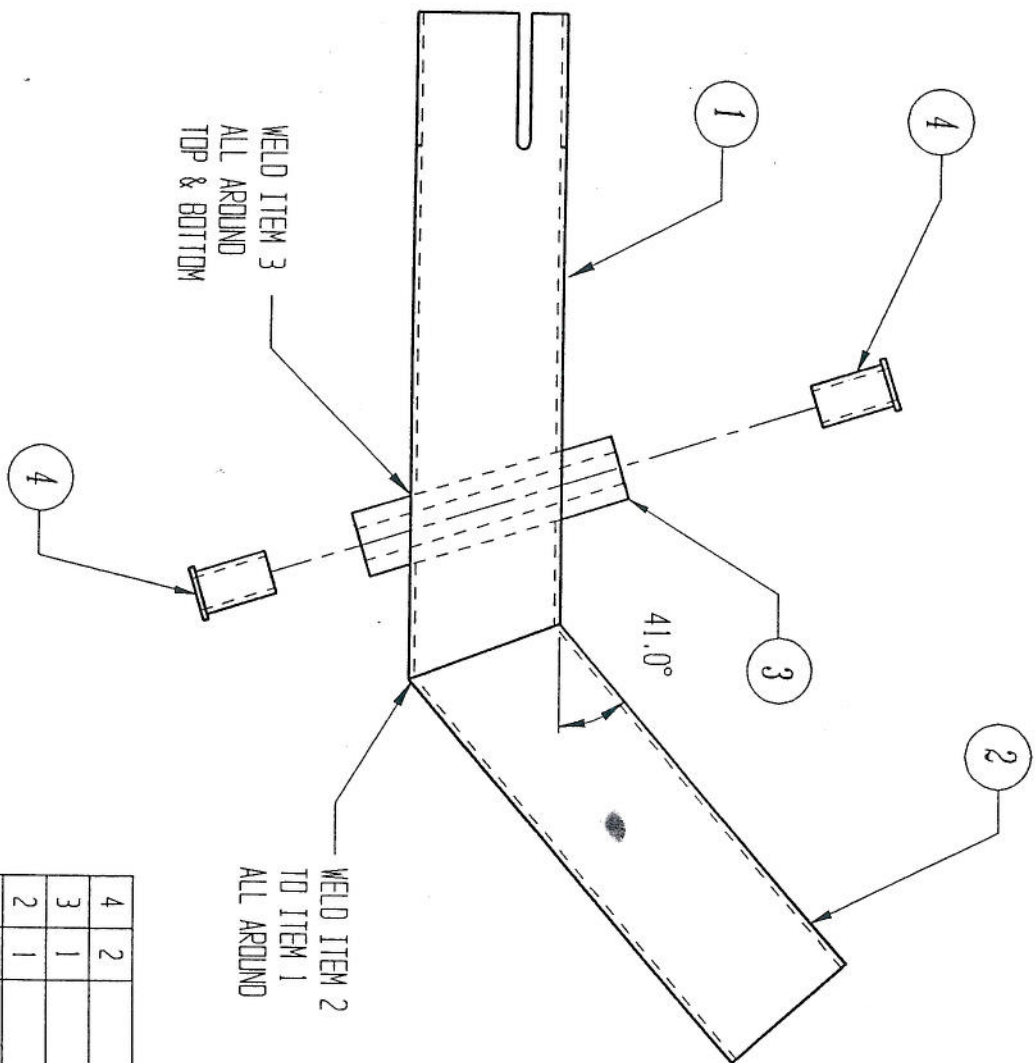
REV

SCALE NONE

10-24 RAE SHEET

1 of 1

PART # KA1004



WELD ITEM 3
ALL AROUND
TOP & BOTTOM

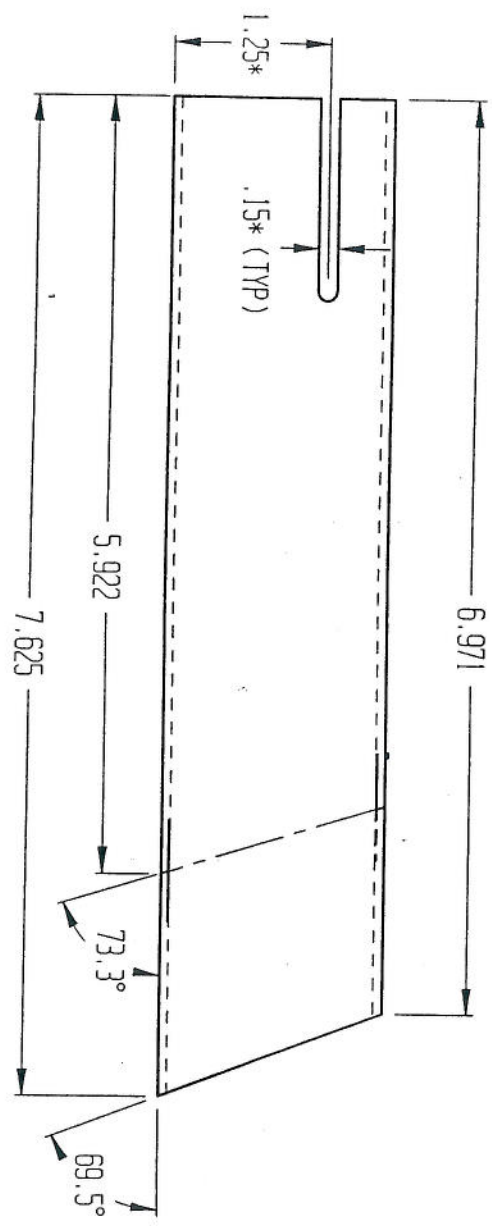
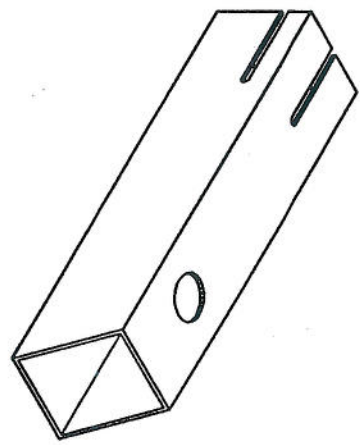
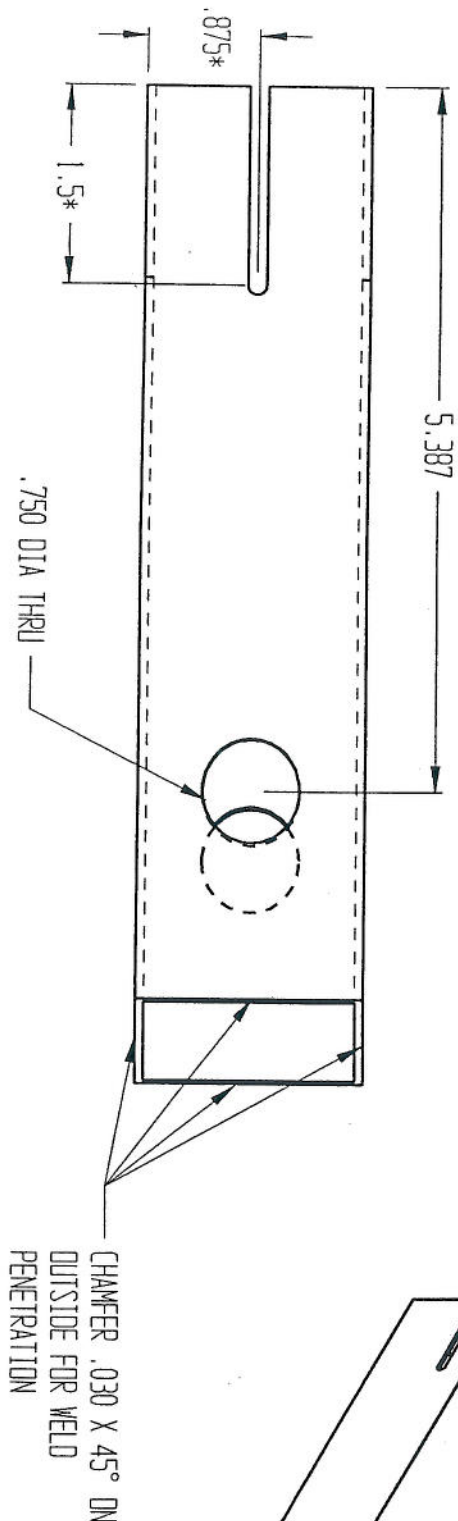
WELD ITEM 2
TO ITEM 1
ALL AROUND

NOTES: REMOVE ALL BURRS AND SHARP EDGES
FINISH: ZINC PLATE YELLOW

ITEM	QTY	DESCRIPTION
4	2	AN 6 BUSHING
3	1	KA1005-3 BUSHING
2	1	KA1005-2 ANGLE
1	1	KA1005-1 BASE

SCALE	NAME	DATE	SHEET	REV
NONE	KEMMERLES AVIATION	04/10/04	1 of 1	

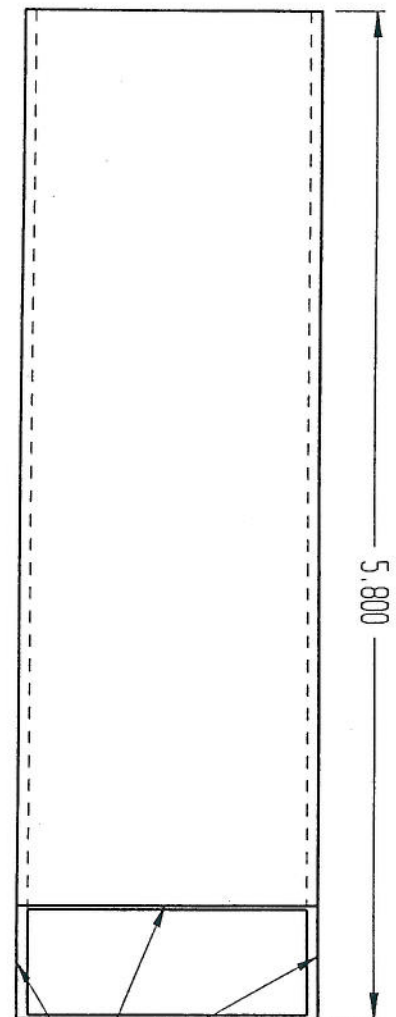
PART # KA1005



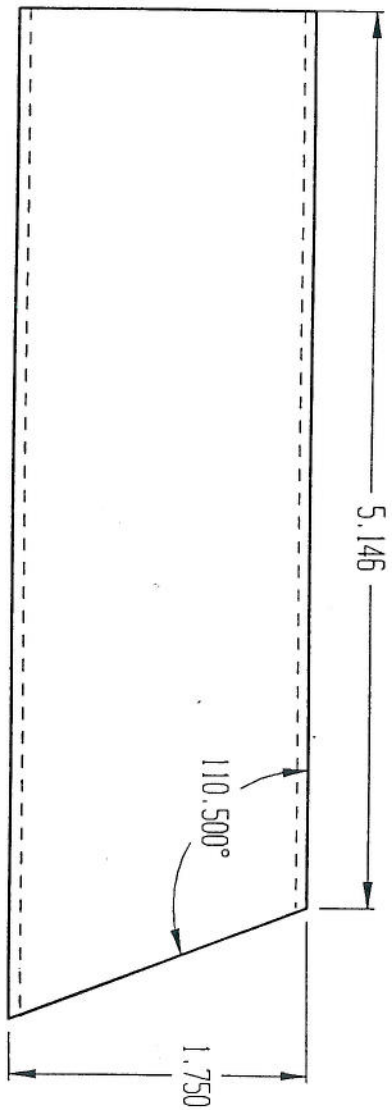
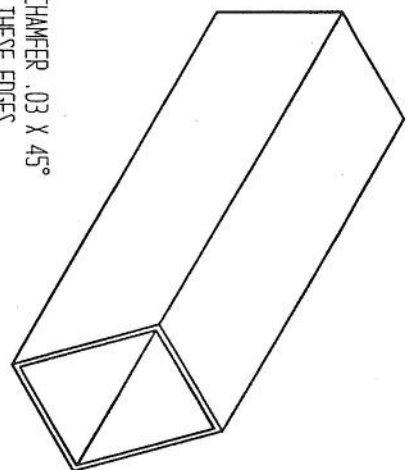
* THESE SAW CUTS ARE FOR STRESS
RELIEF ONLY - DIMENSIONS NOT CRITICAL
NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1.75 SD .065 WALL CHROMOLY TUBE

KEMMERIES AVIATION		DRG. NAME	NOSE PIECE, ITEM1		REV
SCALE	NONE		10-94 RAC	SHEET	1 of 1



CHAMFER .03 X 45°
THESE EDGES
(FOR WELD PENETRATION)

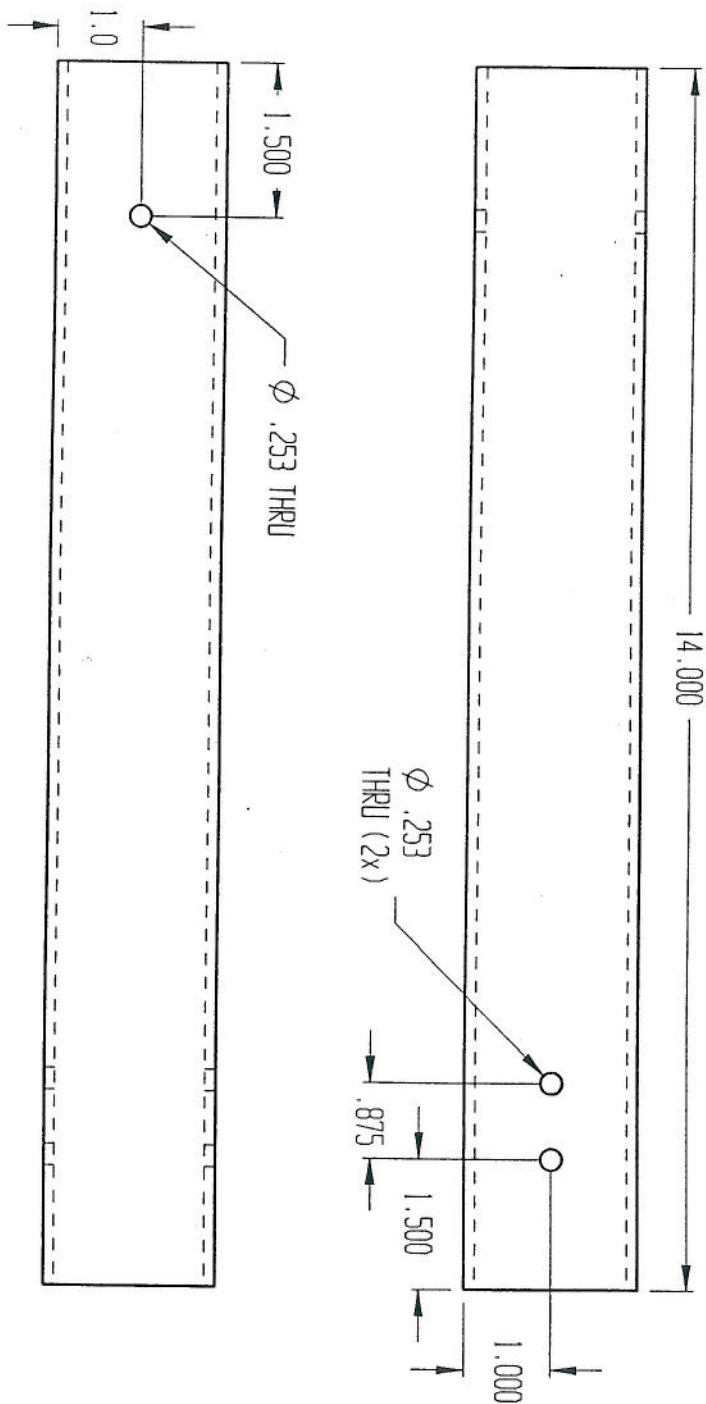
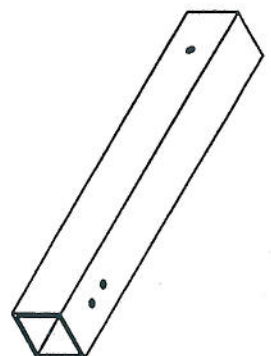


NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1.75 SQ. .065 WALL CHROMIUM TUBE

KEMMERIES AVIATION		DWG. NAME	NOSE (ITEM 2)		REV
SCALE	NONE	10-94 RAE	SHEET	1 of 1	-

PART # KA1005-2



NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 2.0 X 2.0 X .125 THK 6061-T6 ALUM TUBE

KEMMERLES AVIATION

DRG NAME

NOSE END

REV

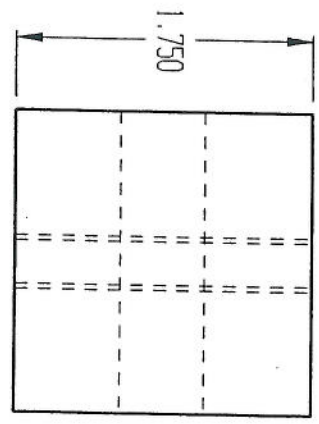
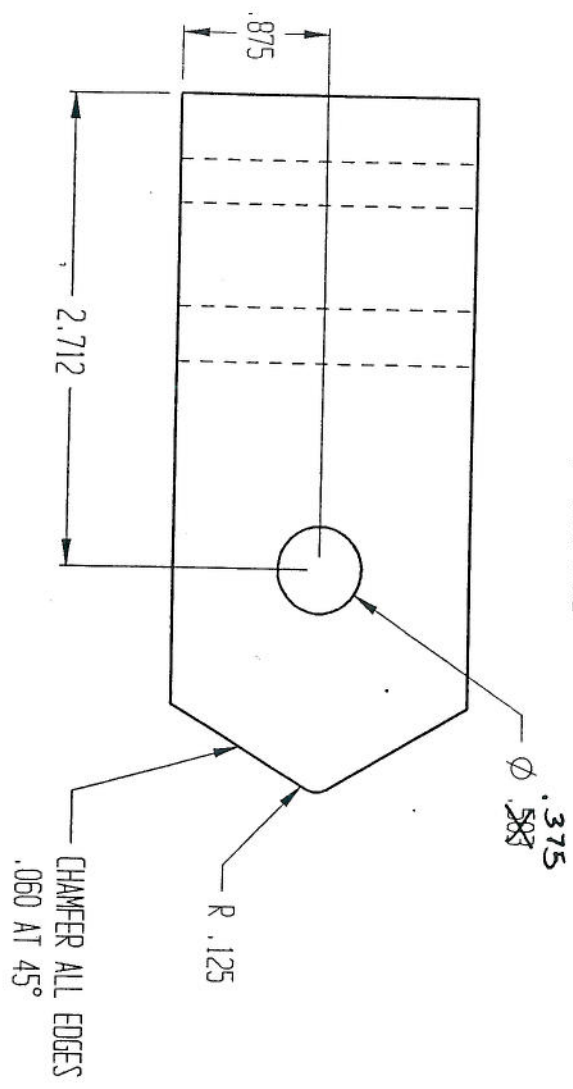
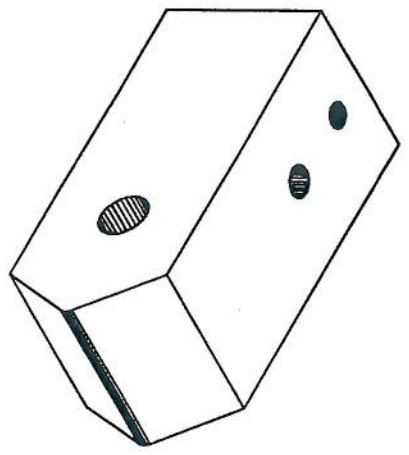
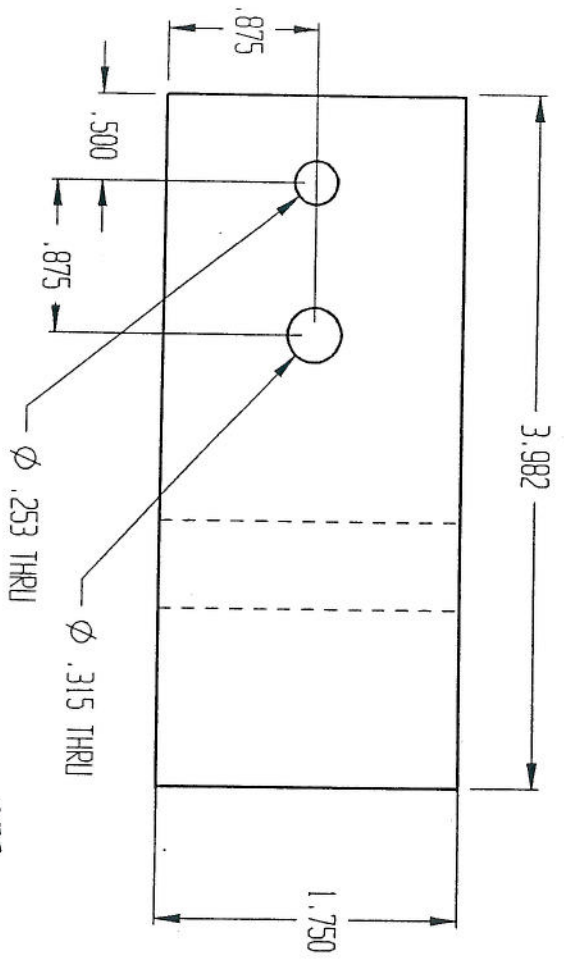
SCALE NONE

10-94 RAE

SHEET

1 of 1

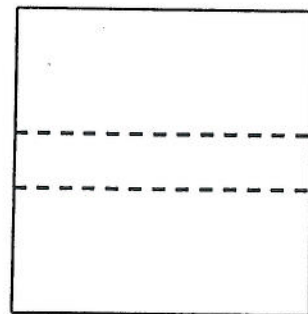
PART # KA1006



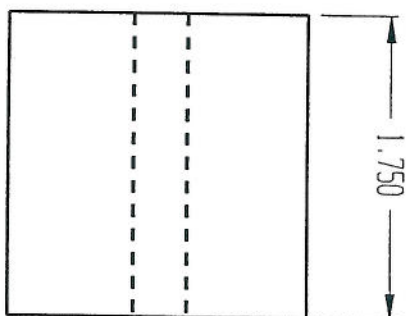
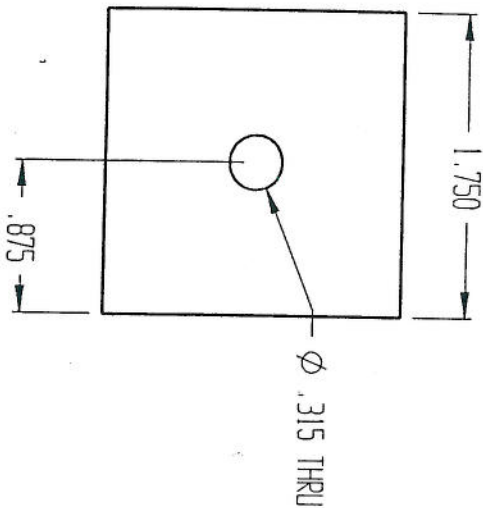
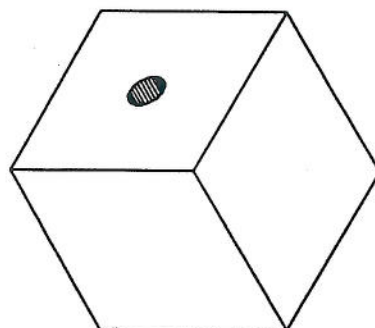
NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1.75 SQ 5052-H32 ALUM BAR

KEMMERIES AVIATION		DRG. NAME	ALLUM. MAST INSERT	REV
SCALE	NONE	10-24 R&E	SHEET	1 of 1



.06 X 45° CHAMFER
ON ALL CORNERS

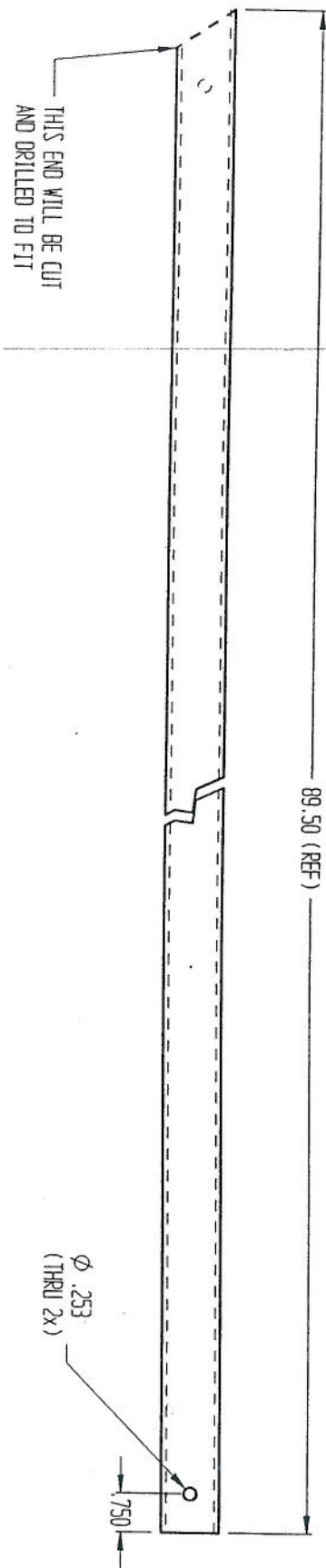


REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1.75 SQ 5052-H32 ALUM BAR

KENNERLYS AVIATION		DWG. NO.	ALLUM. INSERT	REV
SCALE NONE	10-94 RUC	SHEET	1 of 1	-

PART # KA1010

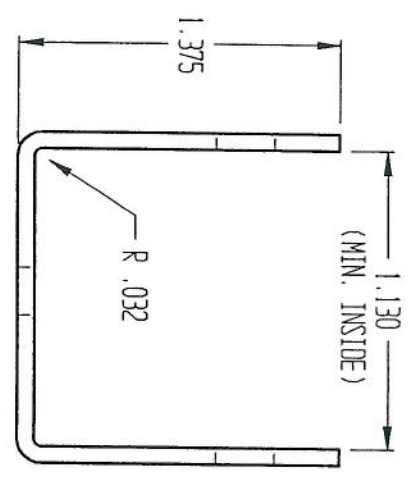
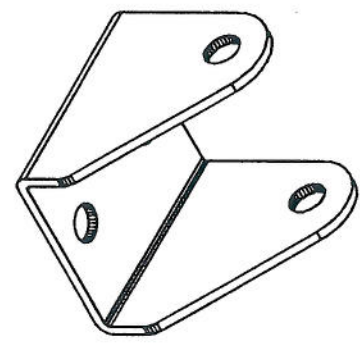
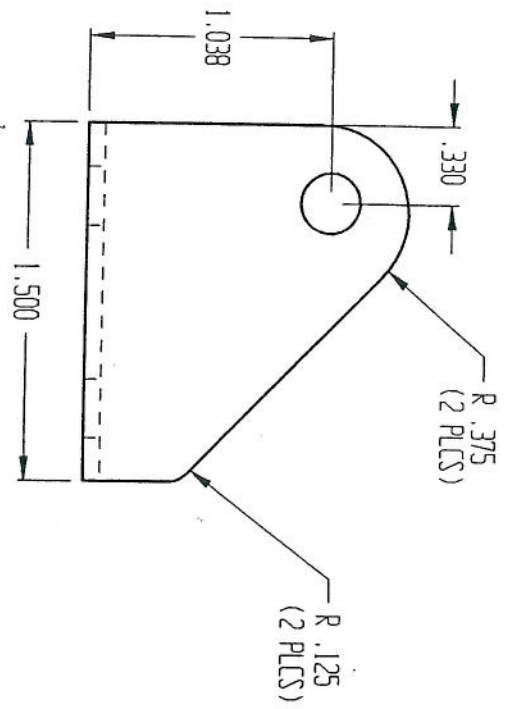
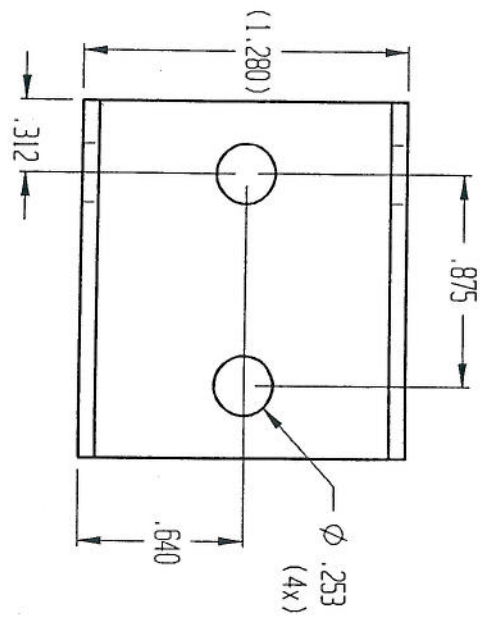


NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1 1/8 DIA .095 WALL 6061-T6 ALUM TUBE

KENNERLES AVIATION		DWG. NAME	FRONT TUBE	REV
SCALE	NONE	10-94 RAE	SHEET	1 of 1

PART # KA1011

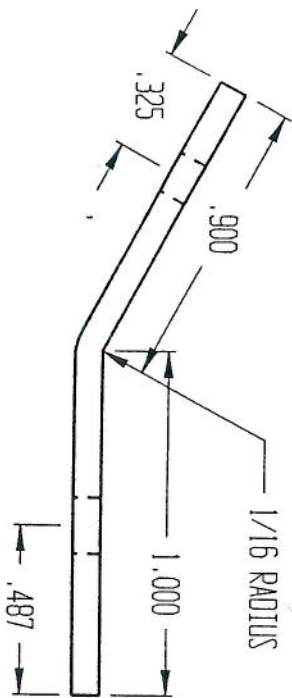
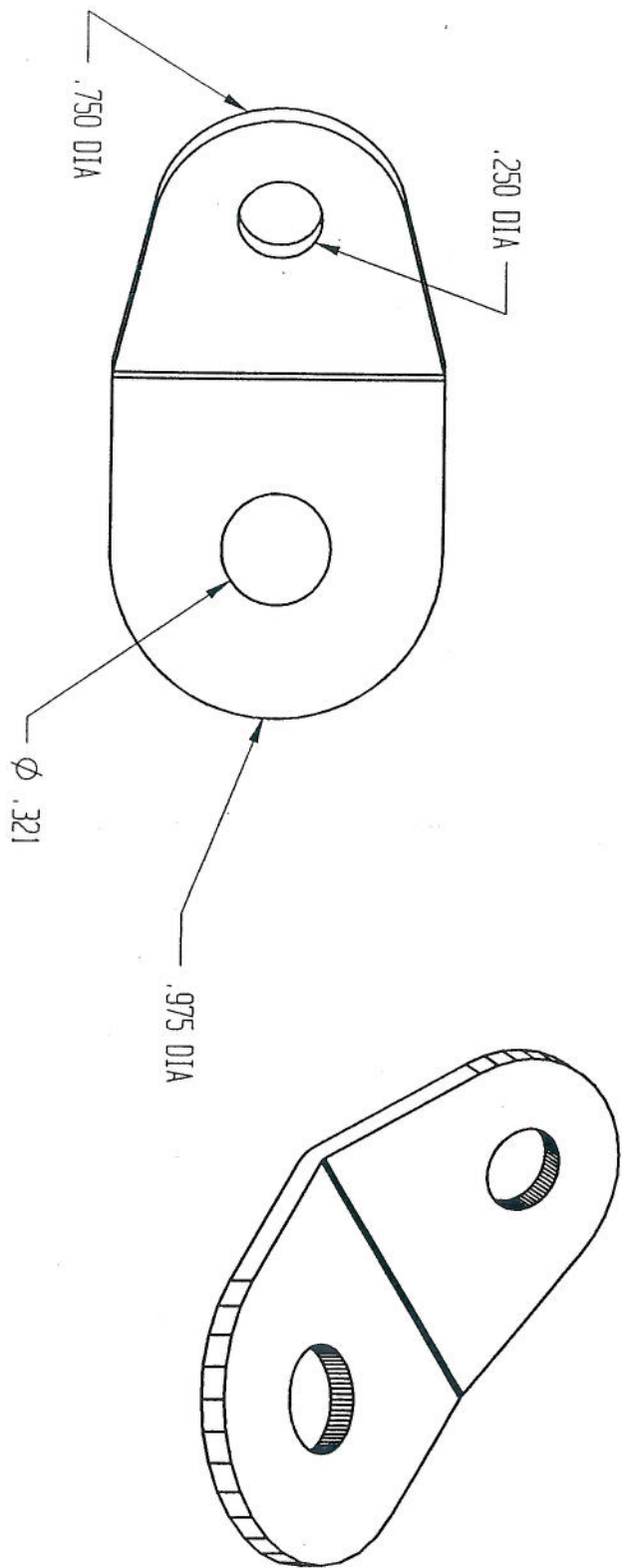


NOTE: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: .075 THK 302/304 #2 FINISH CRES

KENNERIES AVIATION		DMG. NAME	1.125 MOUNT BRACKET	REV
SCALE	NONE	SHEET	1 of 1	-

PART # KA0001



NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: .074 THK 303 STAINLESS

KENNERIES AVIATION

DMG. NAME

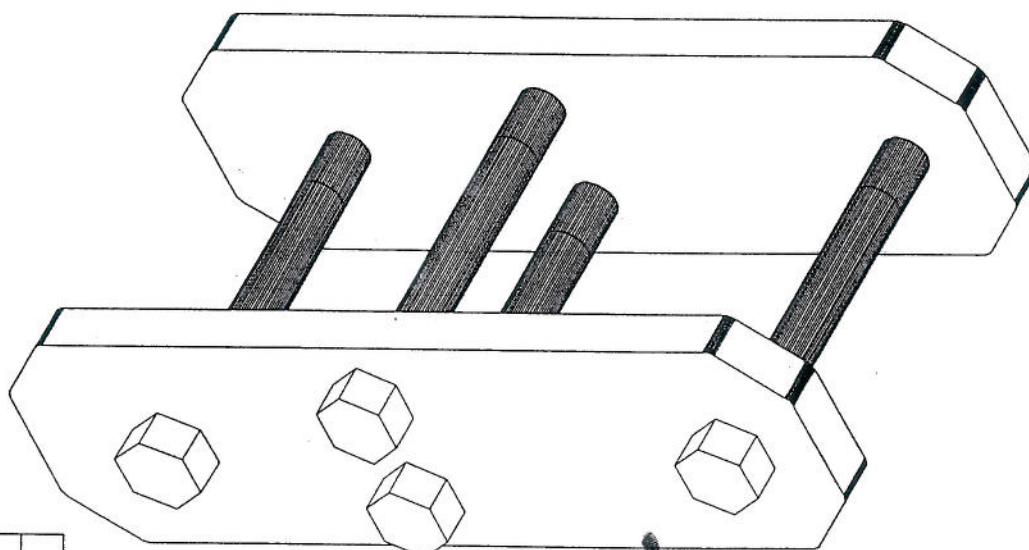
TANG

REV

SCALE NONE

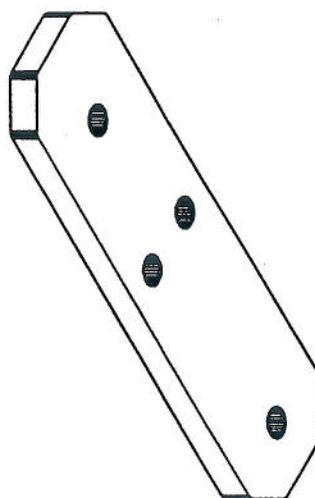
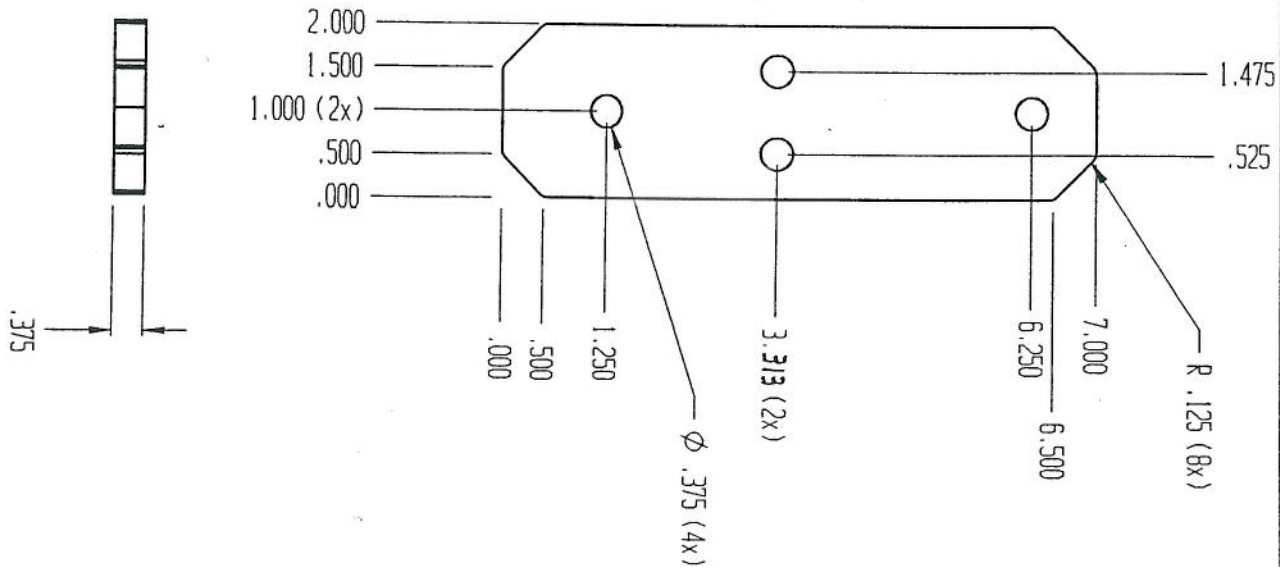
10-94 R/E SHEET 1 of 1

PART # KA0002



2	4	BOLT
1	2	KAT001, SIDE PLATE
ITEM	QTY	DESCRIPTION
KEMMERIES AVIATION		
Dwg. NAME		WING MOUNT
SCALE NONE		REV -
10-24 RUC		SHEET 1 of 1

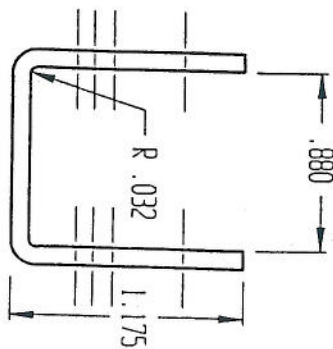
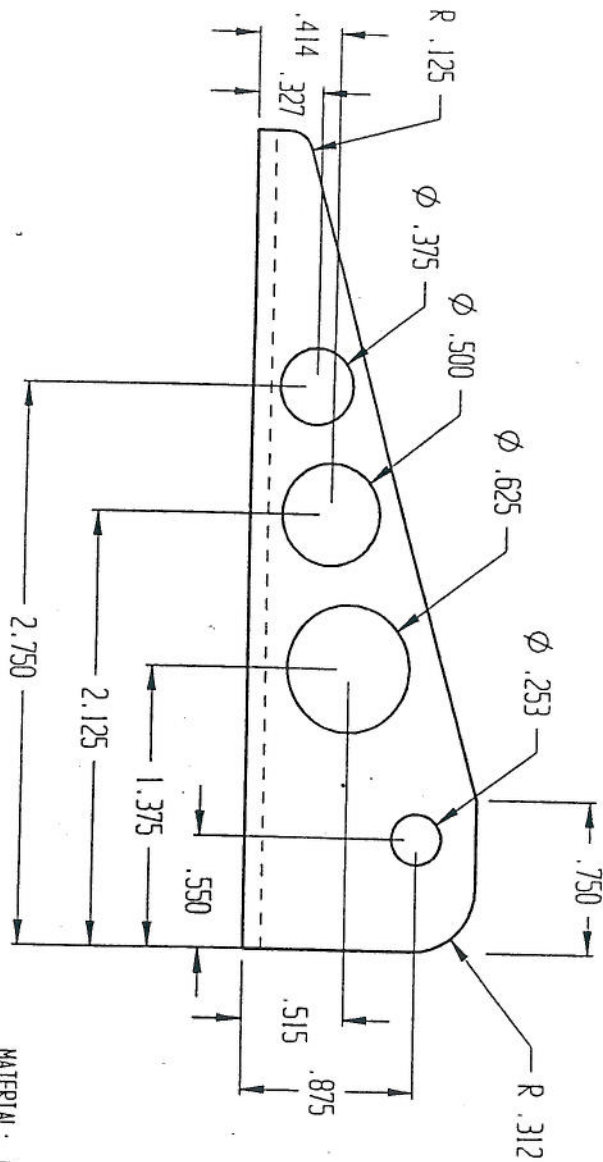
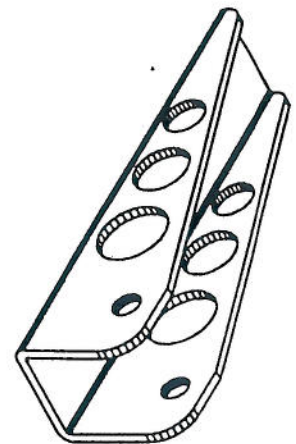
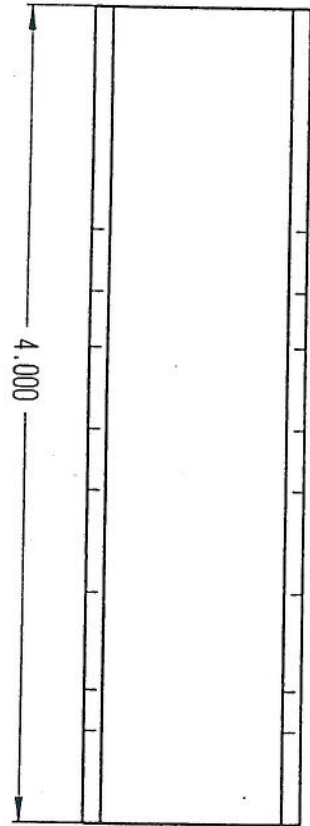
PART # KA7000



NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: .375 THK 6061-T6 ALUM PLATE			
KEMMERLE AVIATION	DMG. NAME	WING MOUNT PLATE	
SCALE NONE	10-24 REC	SHEET 1 of 1	REV -

PART # KA7001

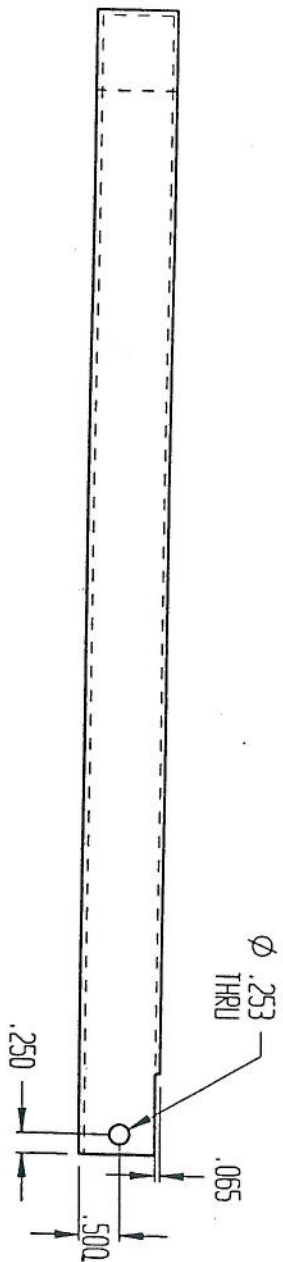
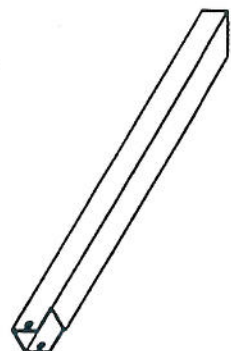
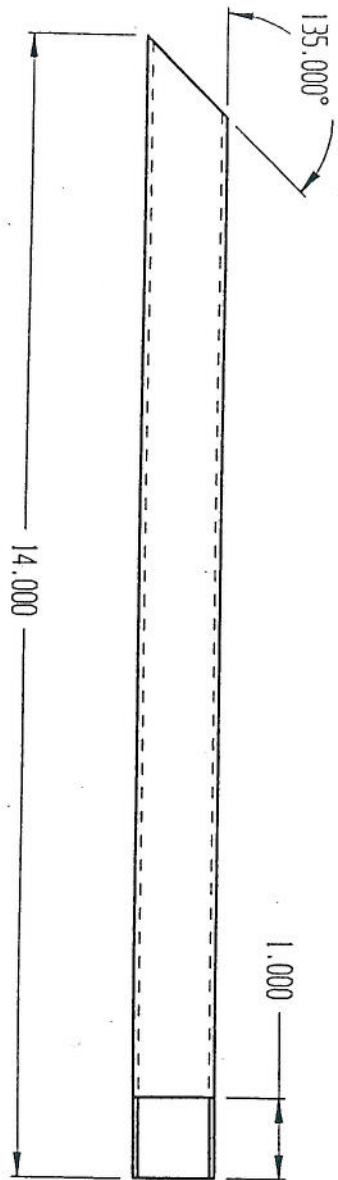


MATERIAL: .090 THK CRS

NOTES: REMOVE ALL BURRS AND SHARP EDGES

KENNERLYS AVIATION		DMG. NAME	7" SHOCK MOUNT	REV
SCALE	NONE		SHEET	

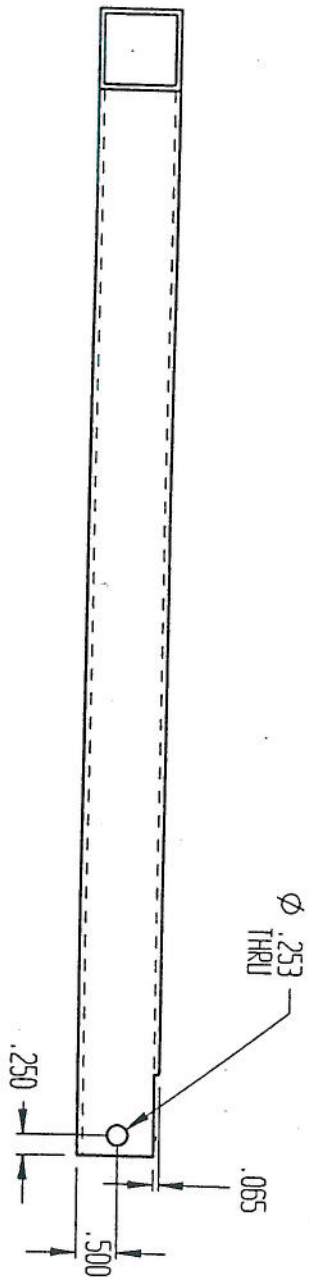
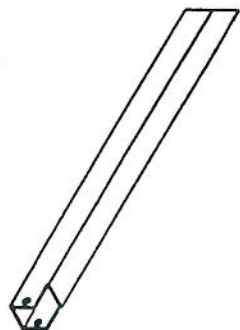
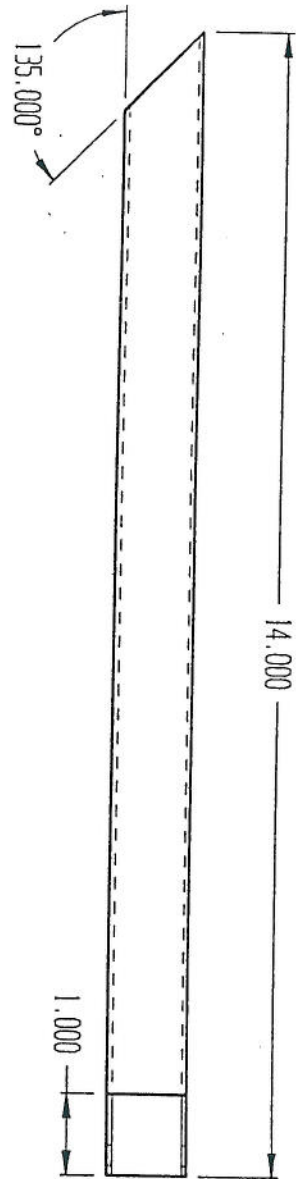
PART # KA4001



NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1.0" OD, .065 WALL CHROMEPLY TUBE			
KEMERIS AVIATION		ENG. NAME	UPPER LEG, LEFT
SCALE NONE		SHEET 1 of 1	REV -

PART # KA4002

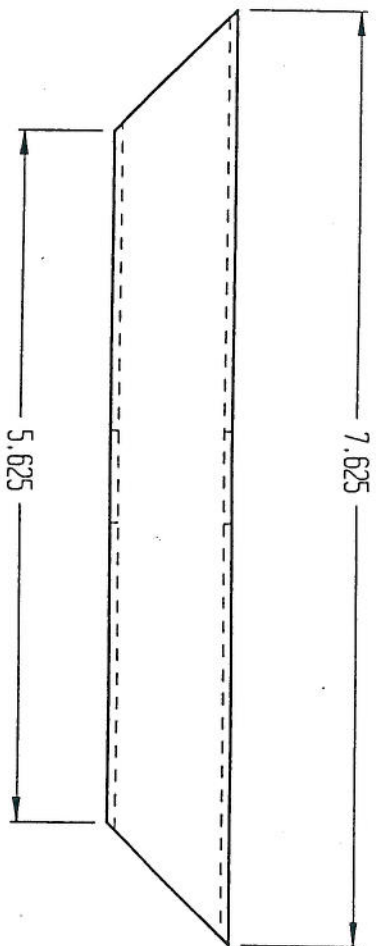
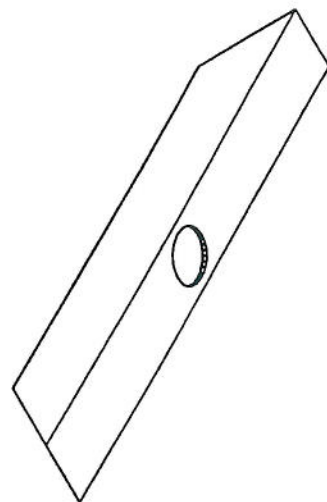
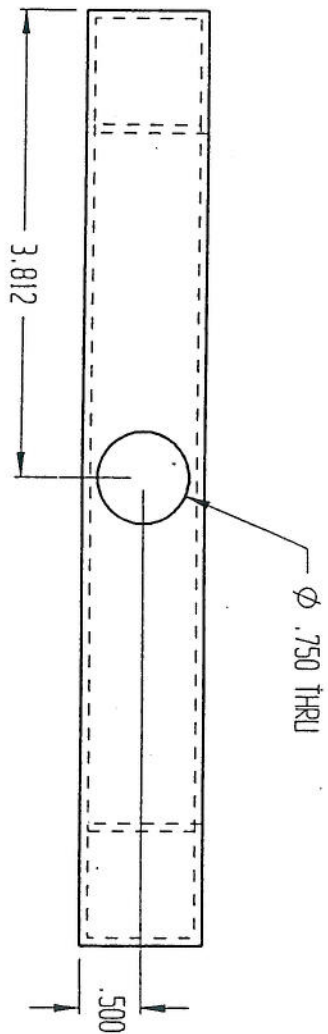


NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1.0" SQ .065 WALL CROMOLY TUBE

KENNERIES AVIATION		DWG NAME	UPPER LEG, RIGHT	REV
SCALE	NONE		SHEET	1 of 1

PART # KA4003

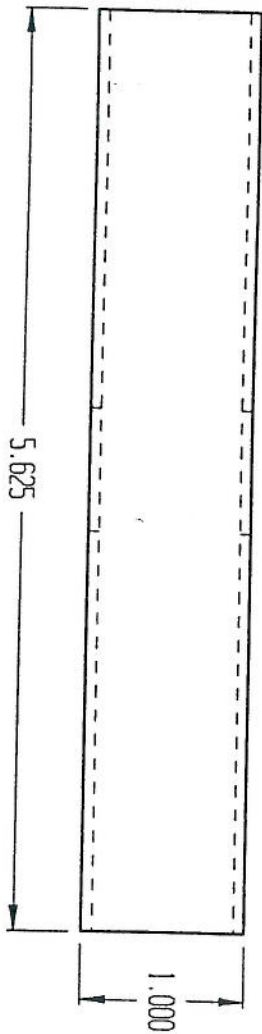
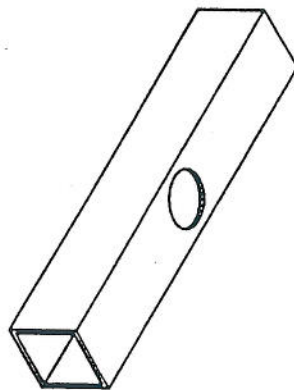
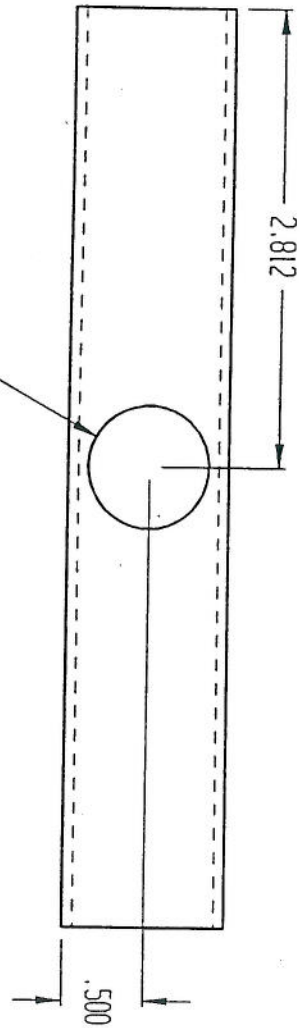


NOTES: REMOVE ALL BURRS AND SHARP EDGES

MATERIAL: 1.0 SQ .065 WALL CHROMOLY TUBE

KENNERIES AVIATION	DWG. NAME	UPPER CROSS BRACE	REV
SCALE NONE		SHEET 1 of 1	

PART # KA4004



NOTES: REMOVE ALL BURS AND SHARP EDGES

MATERIAL: 1.0" SQ. .065 WALL CHROME PLATE

KEMMERIES AVIATION		Dwg. NAME	
SCALE NONE		CENTER CROSS BRACE	
SHEET 1 of 1		REV	

PART # KA4005