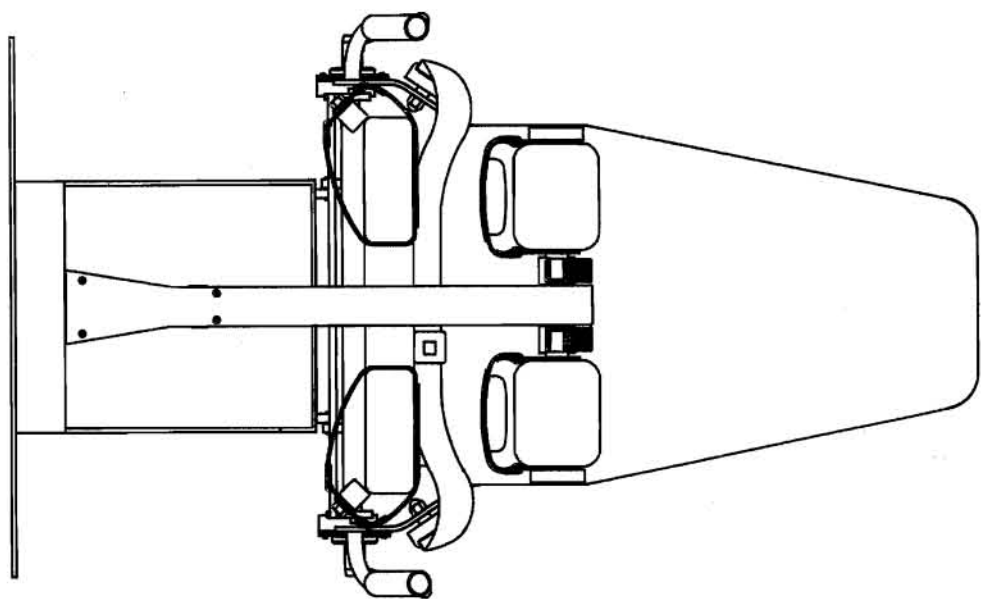
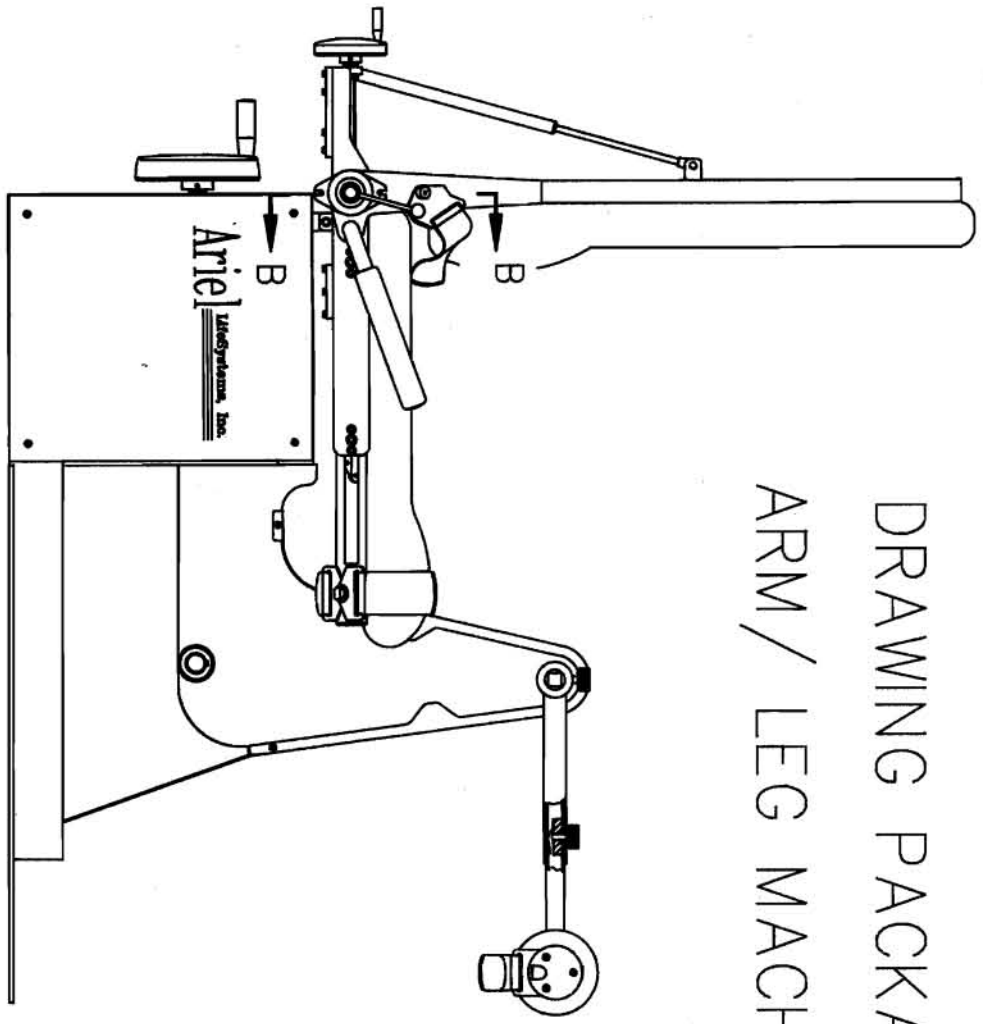


DRAWING PACKAGE
ARM / LEG MACHINE



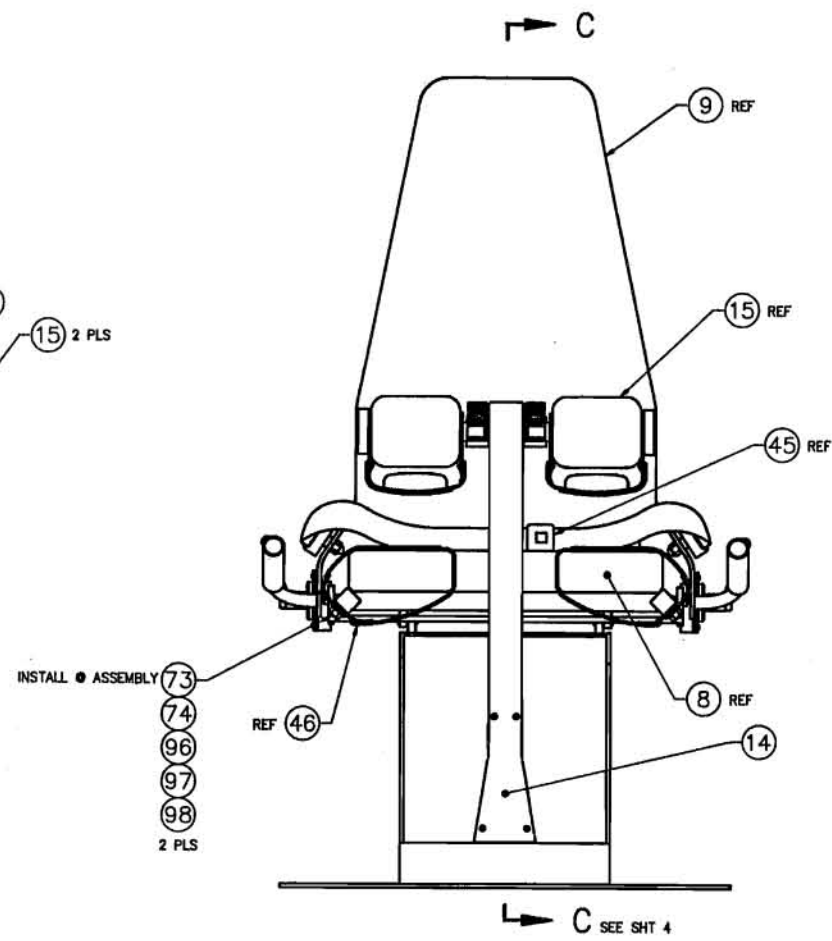
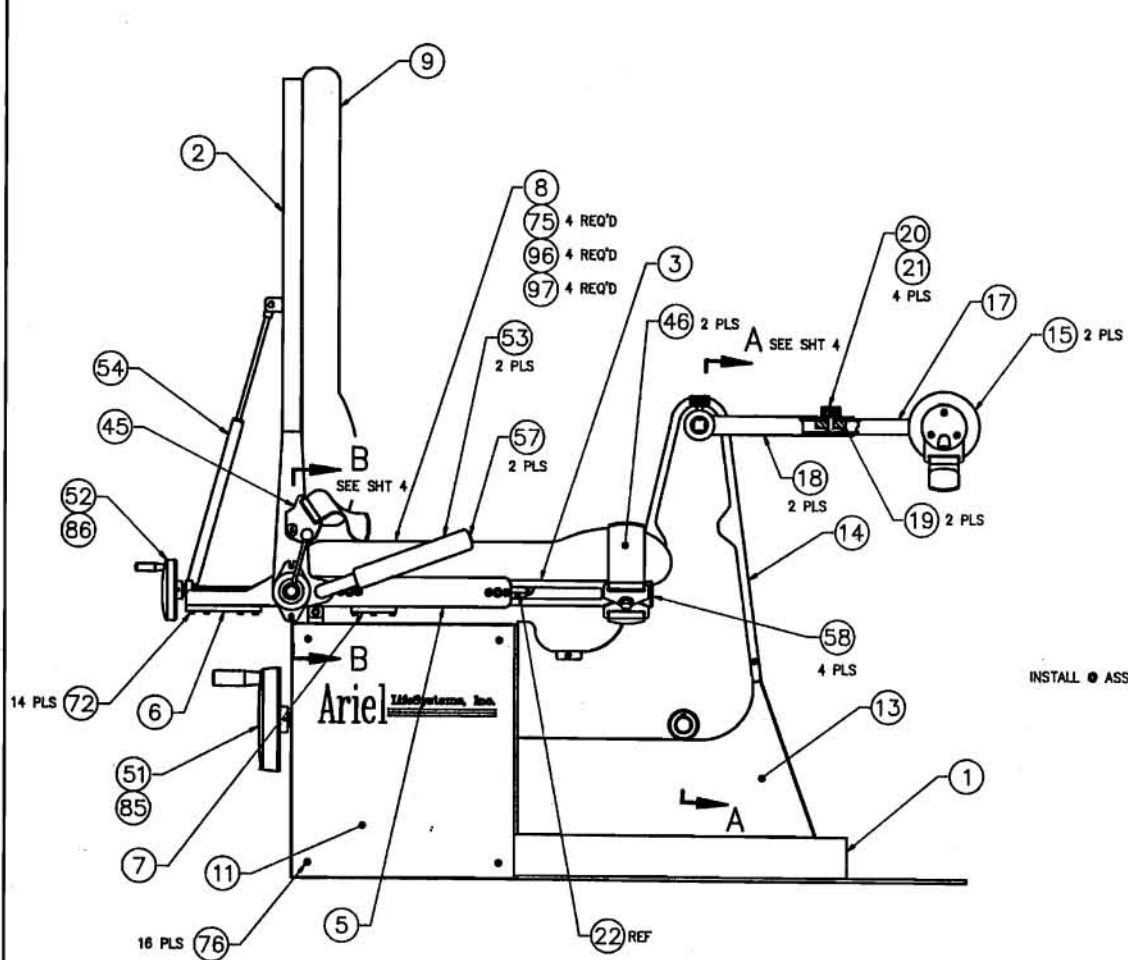
REV	DESCRIPTION	DATE	APPROVED
1	1/2" LD. X 11/16" O.D. X .435" LG SPACER		99
12	1/4" LD. X 1-1/4" O.D. FLAT WASHER		96
10	1/4" DIA NOM. LOCK WASHER		97
10	1/4" DIA NOM. FLAT WASHER		96
4	HEX NUT, 7/16-20 UNF		95
2	NYLON LOCK NUT, 5/16-18 UNC		94
4	NYLON LOCK NUT, 7/8-14 UNC		93
4	HEX NUT, #8-32 UNC		92
2	CAP NUT, 3/8-18 UNC, CAD PLATED		91
2	TOOL STEEL DOWEL PIN, 1/4" DIA X 3/4" LG		90
2	TOOL STEEL DOWEL PIN, 1/4" DIA X 1-1/2" LG		89
1	TOOL STEEL DOWEL PIN, 1/4" DIA X 1-3/4" LG		88
10	TOOL STEEL DOWEL PIN, 3/16" DIA X 1/2" LG		87
1	SET SCRW, #10-32 UNF X 3/8" LG		86
1	SET SCRW, 5/16-18 UNC X 5/8" LG		85
1	SOC HD CAP SCRW, 7/16-14 UNC X 2-1/4" LG		84
2	SOC HD CAP SCRW, 5/16-18 UNC X 3" LG		83
1	SOC HD CAP SCRW, 7/16-14 UNC X 2-1/4" LG		82
2	SOC HD CAP SCRW, 7/16-14 UNC X 1-1/2" LG		81
4	BUTTON HD SOC SCRW, #8-32 UNF X 1/2" LG		80
4	FLAT HD SOC SCRW, 3/8-18 UNC X 7/8" LG		79
1	SET SCRW, 1/4-20 UNC X 3/4" LG		78
1	SET SCRW, 1/4-20 UNC X 3/4" LG		77
10	BUTTON HD SOC SCRW, #10-32 UNF X 1/2" LG		76
8	HEX HD CAP SCRW, 1/4-20 UNC X 2" LG		75
2	HEX HD CAP SCRW, 1/4-20 UNC X 3/4" LG		74
2	A/T TYPE STEEL INSERT, 1/4-20 UNC	AMBANK	73
10	SOC HD CAP SCRW, 1/2-13 UNC X 7/8" LG		72
8	SOC HD CAP SCRW, 5/16-18 UNC X 5/8" LG		71
4	SOC HD CAP SCRW, 3/8-18 UNC X 1" LG		70
2	SHOULDER SCREW, 1/2 DIA X 1/2 LG		69
4	3/8" NOM. EXTERNAL RETAINING RING		68
4	FMP 87857 1" NOM. EXTERNAL RETAINING RING	FULLWELL	67
2	SQUARE KEY STOCK, 1/4 X .700 LG, NON-PLATED		66
10	W-1X BEVELLED ROLLER WHEEL	BISHOP-WESECARVER	65
2	TR8-12-20 THRUST WASHER	TORRINGTON	64
1	NTA-12-20 THRUST BEARING	TORRINGTON	63
1	B5-8 THRUST BEARING	KAMAN	62
2	B5-5 THRUST BEARING	KAMAN	61
1	EP060808 BRONZE BUSHING	KAMAN	60
4	SPF-7 ROD END		59
4	FP201 SQUARE PLUG	CAPPLUGS	58
2	FCR-14 ROUND PLUG	CAPPLUGS	57
1	STANDARD ARIEL MACHINE HARNESS		56
4	1641NT818 BALL BEARING	NICE	55
1	SAE 95084 GAS SPRING		54
2	MSH-127013 FOAM HANDLE	GRAB-ON	53
1	29994 MANUAL FOLD-AWAY HANDLE	KIPP - ELESA	52
1	29997 MANUAL FOLD-AWAY HANDLE	KIPP - ELESA	51

REV	DESCRIPTION	DATE	APPROVED
1	27550 HEAVY DUTY ADJ. HANDLE		KIPP - ELESA 50
1	29997 HEAVY DUTY ADJ. HANDLE		KIPP - ELESA 49
4	6013-024 STUD, 1/2-13 UNC L.H.		48
2	60306 PIN		47
2	60519 LEG RESTRAINTS		46
1	6013-034 SEAT BELT ASSEMBLY		45
1	60108 BUSHING, MODIFIED		44
1	- HYDRAULIC RESISTANCE PACK ASSEMBLY		43
1	60221 CHAIN SUBASSEMBLY		42
1	6013-025-2 ALIGNMENT RUBBER, NUT PLATE		41
1	6013-025-1 SEAT BACK NUT BACKING PLATE		40
1	6013-025 SEAT BACK NUT PLATE		39
1	6013-014 SEAT BACK SCREW SUPPORT		38
1	6013-013 SEAT BACK ADJUSTER SCREW		37
2	6013-018 SEAT LIFT TIE ROD		36
1	60315 SEAT ADJUSTER NUT		35
1	6013-021 SCREW, SEAT LIFT		34
2	6013-033 SEAT BELT PIVOT SPACER		33
2	6013-020 THRUST WASHER		32
2	6013-012 PRESSURE WASHER		31
10	6013-004 CLUTCH DISK		30
1	6013-016 CLUTCH HUB PIVOT, LEFT		29
1	6013-011 CLUTCH HUB PIVOT, RIGHT		28
1	60208 SPROCKET ASSEMBLY, UPPER		27
1	60219 SPROCKET ASSEMBLY, LOWER		26
1	6012-002 SPROCKET SHAFT, LOWER		25
1	6012-001 SPROCKET SHAFT, UPPER		24
4	6013-008 GLIDE ATTACHMENT LINK		23
4	6013-007 ROLLER GLIDE		22
4	60520 ARM LOCK SCREW		21
4	60605-4 KNOB		20
2	60605 A/L LOCKING BAR ASSEMBLY		19
2	60506 UPPER ARM		18
1	60504 LOWER ARM, RIGHT		17
1	60503 LOWER ARM, LEFT		16
2	60510 LEG PAD ASSEMBLY		15
1	61603 TRANSMISSION COVER, CHAIN GUARD		14
1	61602 GEAR BOX COVER, RIGHT		13
1	61801 GEAR BOX COVER, LEFT		12
1	60016 BASE COVER, RIGHT		11
1	60015 BASE COVER, LEFT		10
1	6013-031 SEAT BACK CUSHION		9
1	6013-030 SEAT CUSHION		8
1	6013-019 TRAVERSE STIFFENER		7
1	6013-015 TRAVERSE STRIP, SEAT BACK		6
1	6013-009-01 SEAT BACK TIE ROD, RIGHT		5
1	6013-009 SEAT BACK TIE ROD, LEFT		4
1	6013-000 SEAT FRAME ASSEMBLY		3
1	60140000 SEAT BACK WELDMENT		2
1	60201 COMPLETED FRAME		1

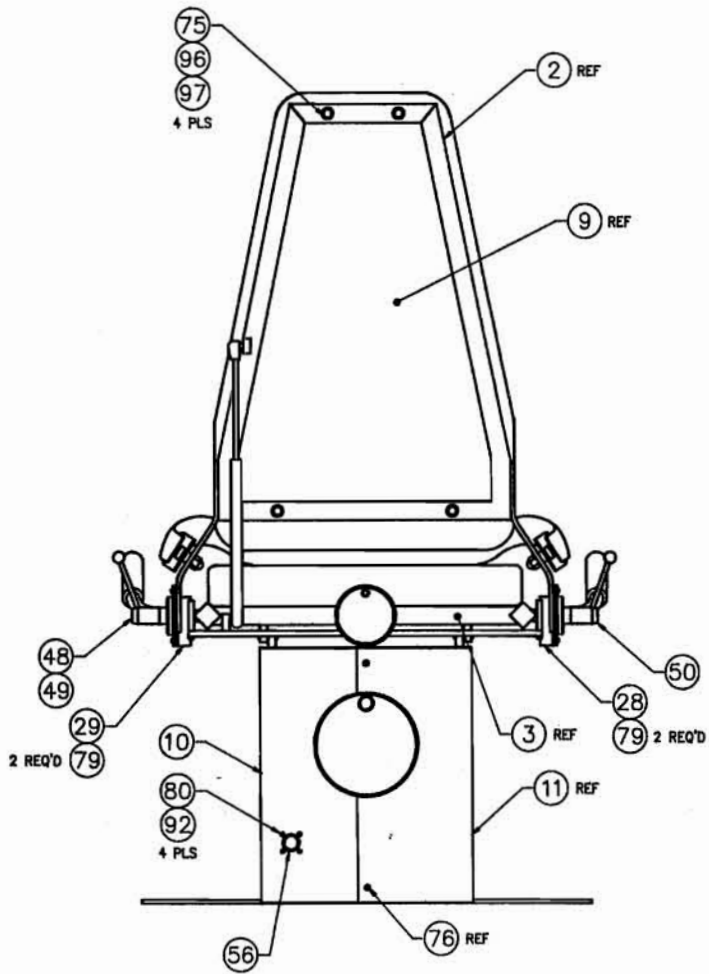
REV	DESCRIPTION	DATE	APPROVED
1	27550 HEAVY DUTY ADJ. HANDLE		KIPP - ELESA 50
1	29997 HEAVY DUTY ADJ. HANDLE		KIPP - ELESA 49
4	6013-024 STUD, 1/2-13 UNC L.H.		48
2	60306 PIN		47
2	60519 LEG RESTRAINTS		46
1	6013-034 SEAT BELT ASSEMBLY		45
1	60108 BUSHING, MODIFIED		44
1	- HYDRAULIC RESISTANCE PACK ASSEMBLY		43
1	60221 CHAIN SUBASSEMBLY		42
1	6013-025-2 ALIGNMENT RUBBER, NUT PLATE		41
1	6013-025-1 SEAT BACK NUT BACKING PLATE		40
1	6013-025 SEAT BACK NUT PLATE		39
1	6013-014 SEAT BACK SCREW SUPPORT		38
1	6013-013 SEAT BACK ADJUSTER SCREW		37
2	6013-018 SEAT LIFT TIE ROD		36
1	60315 SEAT ADJUSTER NUT		35
1	6013-021 SCREW, SEAT LIFT		34
2	6013-033 SEAT BELT PIVOT SPACER		33
2	6013-020 THRUST WASHER		32
2	6013-012 PRESSURE WASHER		31
10	6013-004 CLUTCH DISK		30
1	6013-016 CLUTCH HUB PIVOT, LEFT		29
1	6013-011 CLUTCH HUB PIVOT, RIGHT		28
1	60208 SPROCKET ASSEMBLY, UPPER		27
1	60219 SPROCKET ASSEMBLY, LOWER		26
1	6012-002 SPROCKET SHAFT, LOWER		25
1	6012-001 SPROCKET SHAFT, UPPER		24
4	6013-008 GLIDE ATTACHMENT LINK		23
4	6013-007 ROLLER GLIDE		22
4	60520 ARM LOCK SCREW		21
4	60605-4 KNOB		20
2	60605 A/L LOCKING BAR ASSEMBLY		19
2	60506 UPPER ARM		18
1	60504 LOWER ARM, RIGHT		17
1	60503 LOWER ARM, LEFT		16
2	60510 LEG PAD ASSEMBLY		15
1	61603 TRANSMISSION COVER, CHAIN GUARD		14
1	61602 GEAR BOX COVER, RIGHT		13
1	61801 GEAR BOX COVER, LEFT		12
1	60016 BASE COVER, RIGHT		11
1	60015 BASE COVER, LEFT		10
1	6013-031 SEAT BACK CUSHION		9
1	6013-030 SEAT CUSHION		8
1	6013-019 TRAVERSE STIFFENER		7
1	6013-015 TRAVERSE STRIP, SEAT BACK		6
1	6013-009-01 SEAT BACK TIE ROD, RIGHT		5
1	6013-009 SEAT BACK TIE ROD, LEFT		4
1	6013-000 SEAT FRAME ASSEMBLY		3
1	60140000 SEAT BACK WELDMENT		2
1	60201 COMPLETED FRAME		1

APPROVED: _____ DATE: _____
 DRAWN BY: _____ CHECKED BY: _____
 DESIGNED BY: _____
 DO NOT SCALE DRAWING

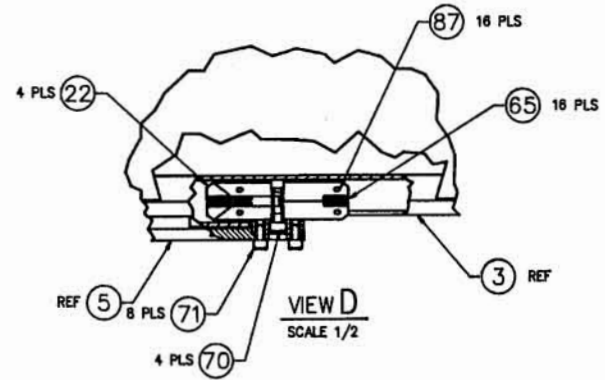
ARIEL
 ASSEMBLY
 ARM-LEG MACHINE, MOD A6000
 80100000



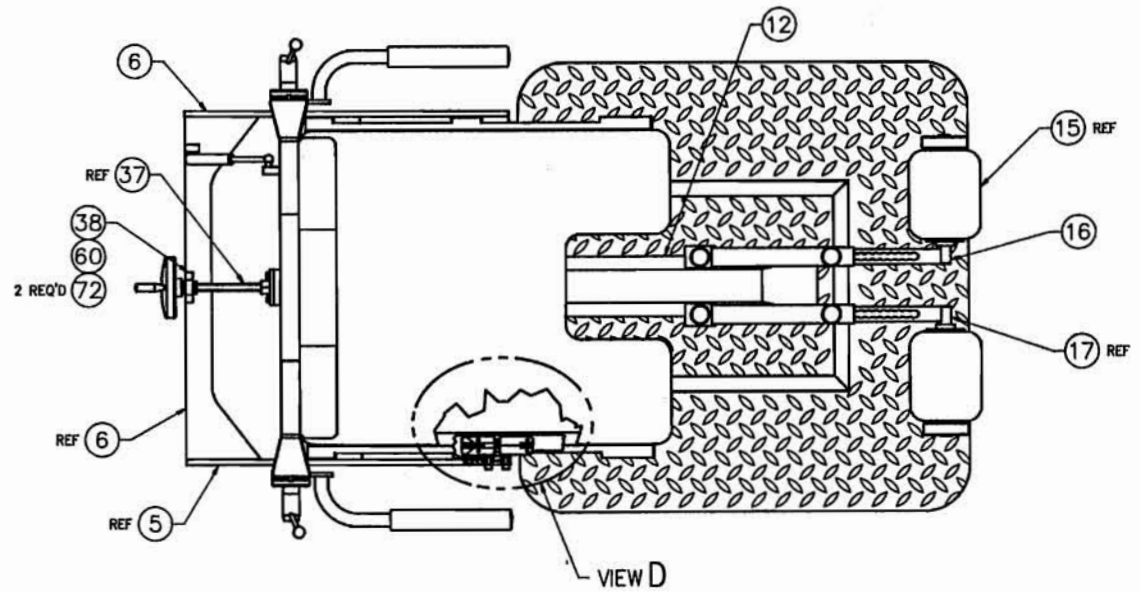
APPROVALS		DATE	ARIEL LIFE SYSTEMS	
			ASSEMBLY	
			ARM-LEG MACHINE, MOD A8000	
				80100000
DO NOT SCALE DRAWING			SCALE	1/4" = 1" (SEE SHEET 2 OF 4)



REAR VIEW



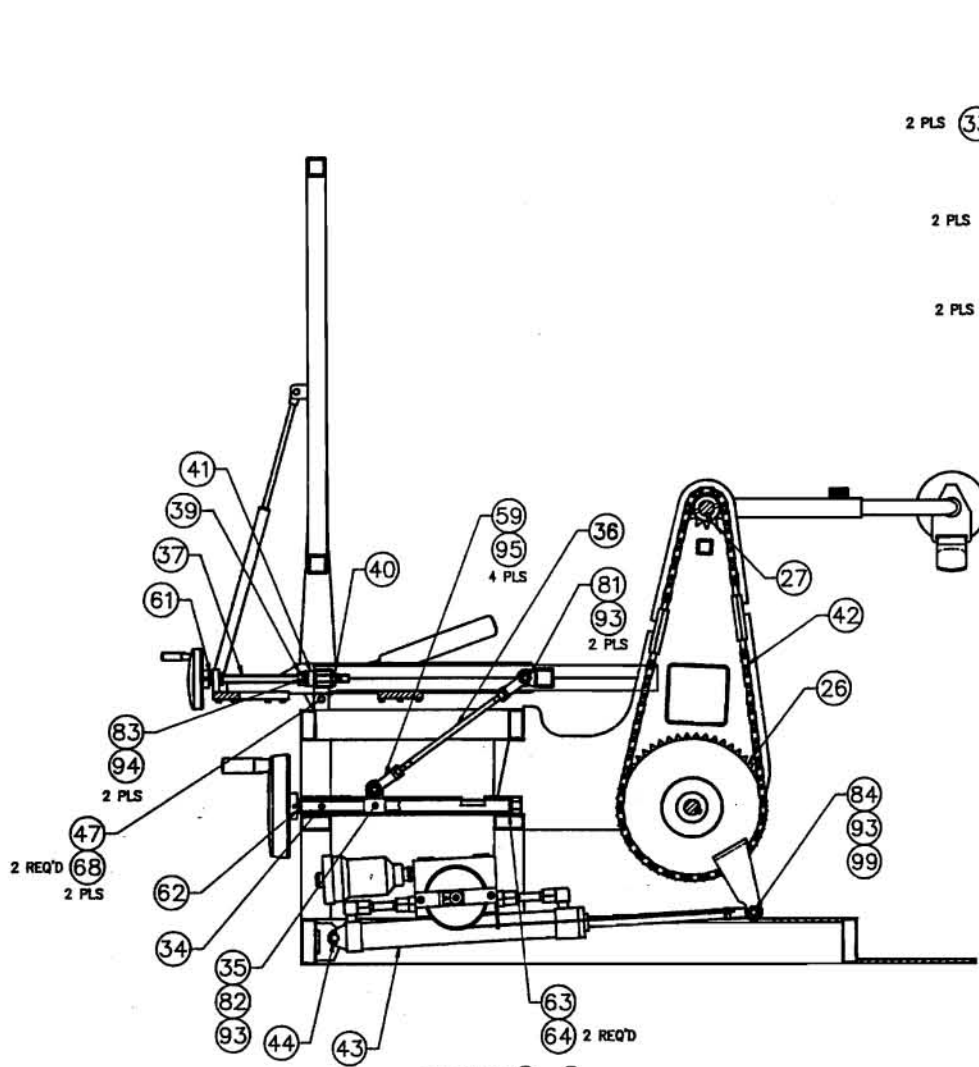
VIEW D
SCALE 1/2



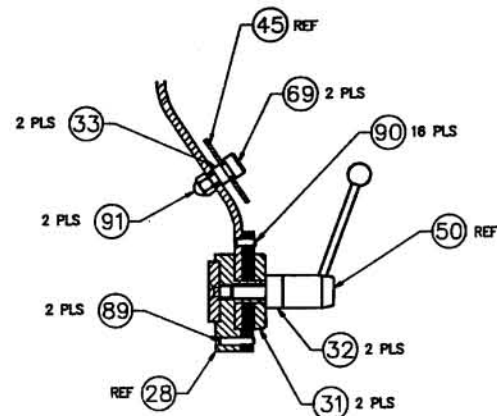
VIEW D

TOP VIEW

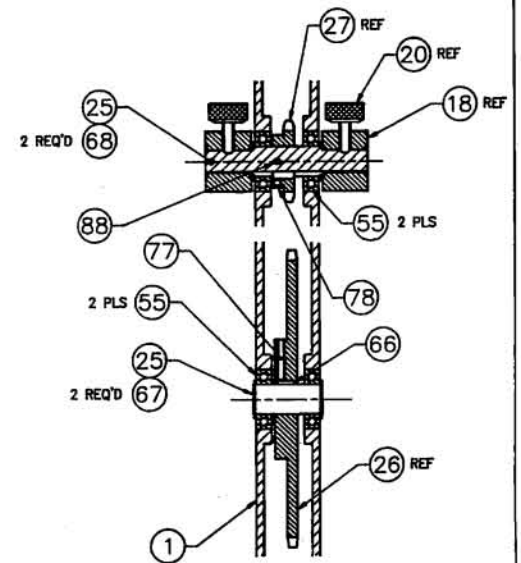
APPROVALS				DATE	SCALE
DESIGNED BY	DRWING NO.	DATE	SCALE	REV	REV
CHECKED BY	60100000	1/4	1/4	3	4
ARIEL LIFE SYSTEMS					
ASSEMBLY					
ARM-LEG MACHINE, MOD A8000					
DO NOT SCALE DRAWING					



SECTION C-C
CUSHIONS AND COVERS NOT SHOWN FOR CLARITY



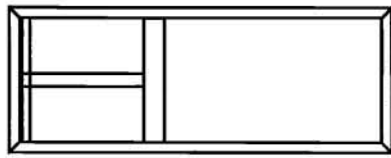
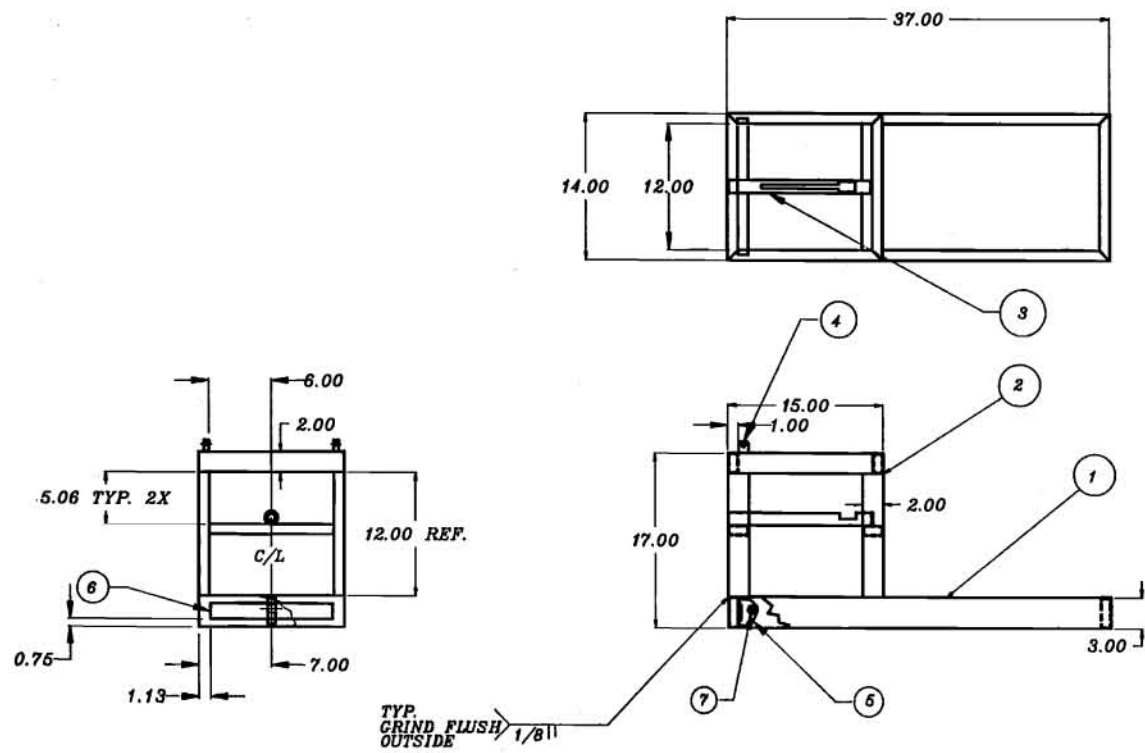
SECTION B-B
SCALE 1/2



SECTION A-A
CHAIN ASSEMBLY NOT SHOWN
SCALE 1/2

		ARIEL LIFE SYSTEMS	
APPROVALS	DATE	ASSEMBLY, ARM-LEG MACHINE, MOD A8000	
DESIGNED BY	DATE	DRAWN BY	80100000
CHECKED BY	DATE	SCALE	1/4
DO NOT SCALE DRAWING		SCALE	1/4

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



ITEM NO.	QTY	FSM NO.	PART OR IDENTIFYING NO.	OR DESCRIPTION	MATERIAL SPECIFICATION
7	1	60108		ø.752 O.D Xø.501 I.D X.75 LNC.BSHNG.	OILITE
8	1			.25 X 1.5 X11.0 FLAT BAR WELD	STEEL
5	1	60104		REAR HYD. CYL. PIVOT	STEEL
4	2	60105		SEAT PIVOT	STEEL
3	1	60106		LIFT TUBE ASSEMBLY	STEEL
2	130"			TUBE 1" X 3" X .094"WALL	STEEL
1	102"			TUBE, 1" X 3" X .094"WALL	STEEL

BILL OF MATERIALS

MATERIAL: _____

DATE: _____

APPROVALS: _____ DATE: _____

UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES

TOLERANCES: LINEAR .004 .010 ANGLES ± 0.1° SURFACE CONCENTRICITY ± .005 FLATNESS ± .008 ROUNDNESS ± .008

DO NOT SCALE DRAWING

SCALE: _____

SHEET: _____ OF: _____

ARIEL LIFE SYSTEMS INC.
1010 BORRENTO VALLEY RD.
S.D., CA. 95121 (619) 456-0368

TITLE: **ARM /LEG BASE FRAME**

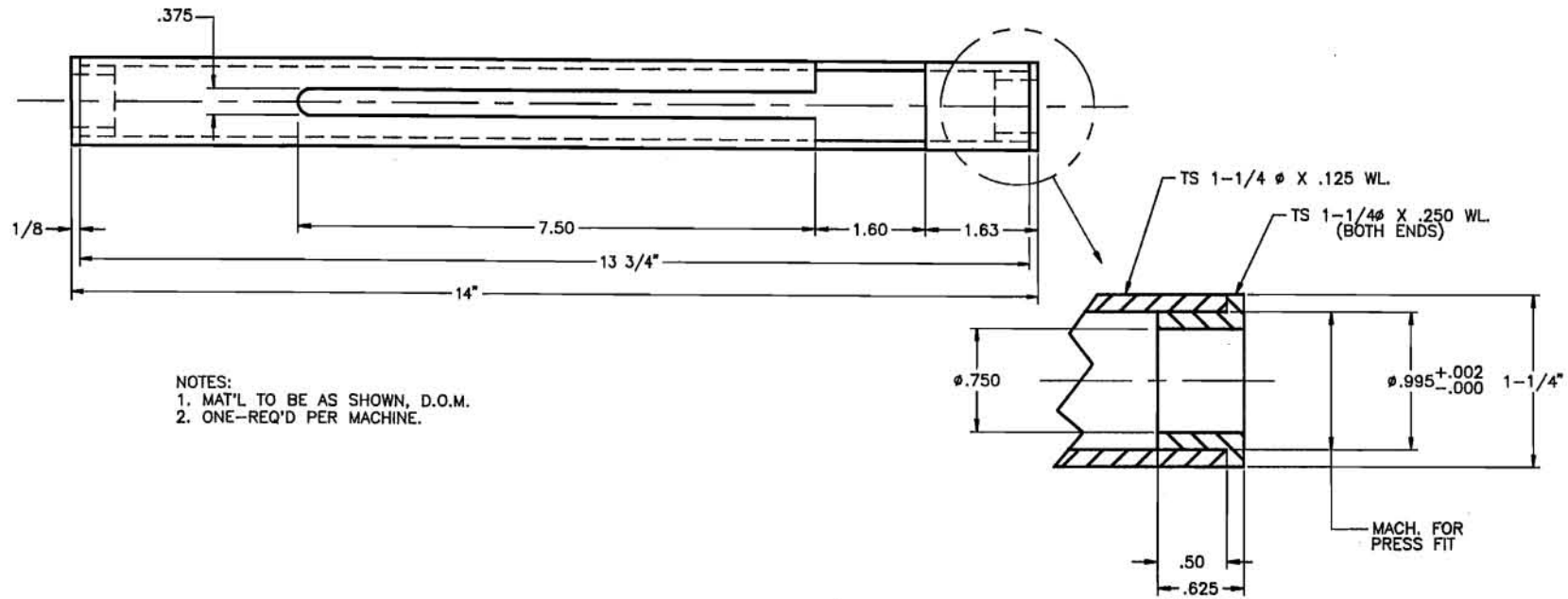
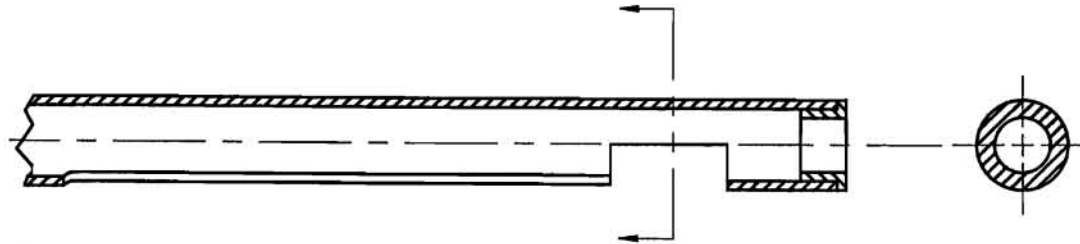
SIZE: _____

FSM NO.: _____

DRAWING NO.: **60101**

REV: **A**

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A1	HES. PART UNCHANGED	12/13/91	WEISKOPF

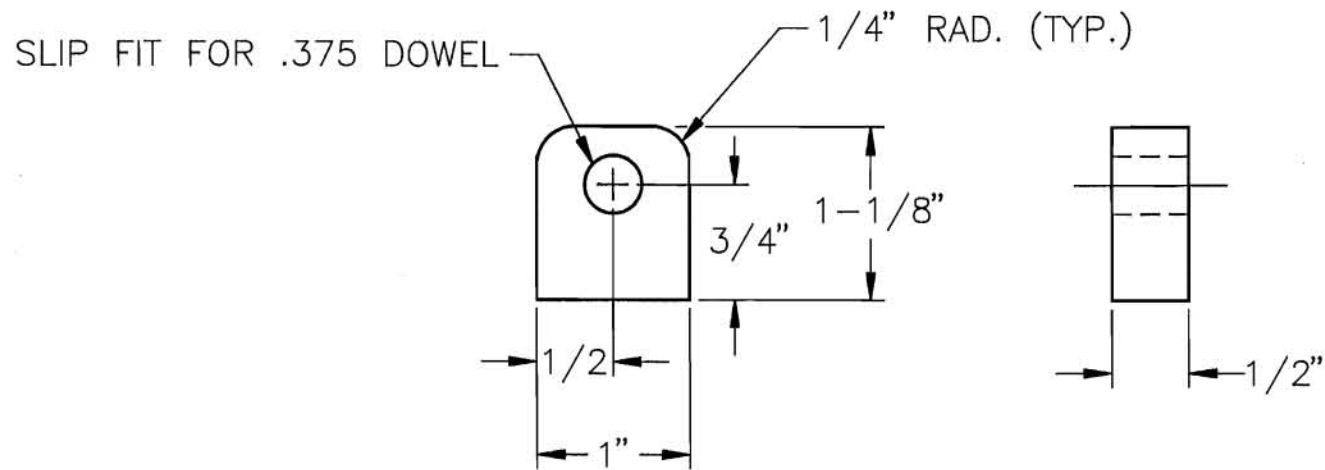


NOTES:
 1. MAT'L TO BE AS SHOWN, D.O.M.
 2. ONE-REQ'D PER MACHINE.

BUSHING DETAIL

		ARIEL LIFE SYSTEMS	
		TITLE: LIFT TUBE ASSY	
		ARM-LEG MACHINE, MOD A6000	
APPROVALS DESIGNED BY: [Signature] DATE: 12/13/91 DRAWN BY: [Signature] DATE: 12/13/91 CHECKED BY: [Signature] DATE: 12/13/91 APPROVED BY: [Signature] DATE: 12/13/91		SIZE: C FSCM NO.: DRAWING NO.: 60106	REV: A1 SHEET: 1 OF 1
TOLERANCES UNLESS OTHERWISE SPECIFIED: .005 ANGLES & CHAMFERS .0025 CONCENTRICITY & POSITION .0025 FLATNESS & CIRCULARITY .0025 ROUNDNESS & CYLINDRICITY		SCALE: 1:1 FILE NO: 60106.DWG	

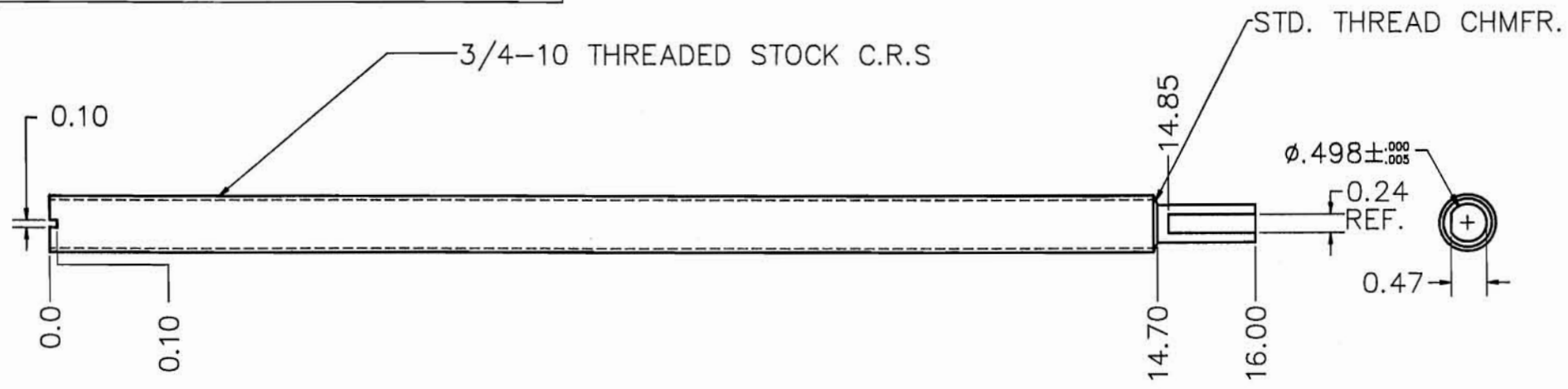
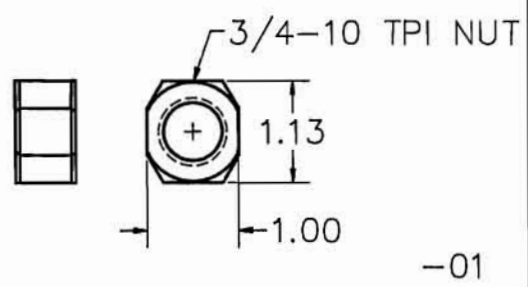
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- NOTES:
1. MAT'L TO BE 1 X 1/2" C.R.S. BAR
 2. FIVE REQ'D PER MACHINE.

		ARIEL LIFE SYSTEMS	
		TITLE:	SEAT PIVOT
		ARM-LEG MACHINE, MOD A6000	
APPROVALS	DATE	SIZE:	DRAWING NO:
PROJECT SCREEN Paul R. BellTopf	12/12/91	C	60105
DESIGNED Paul R. BellTopf	12/12/91	SCALE:	SHEET: 1 OF 1
APPROVED Paul R. BellTopf	12/12/91	FILENAME: 60105.DWG	REV: A1
DO NOT SCALE DRAWING			

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A1	CHNGD. ϕ .500 NOM. TO ϕ .498	10/9/91	WEISKOPF
		ADDED .10X.10 SLOT FOR DRIVER	12/10/91	WEISKOPF



-NOTES-
 MAT'L: C.R.S (3/4-10 RUNNING STK.)
 FINISH: BLACK OXIDE

NOTES:

ITEM NO.	QTY	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL			PARTS		
PREP			APPROVALS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES			DATE		
TOLERANCES			DRAWN BY		
LINEAR			CHECKED BY		
ANGLES & R.F.			DATE		
.008 .010 CONCENTRICITY & .005			DRAWN BY		
.0002A .0005 ROUNNESS & .005			DATE		
DO NOT SCALE DRAWING			SCALE:		

ARIEL LIFE SYSTEMS

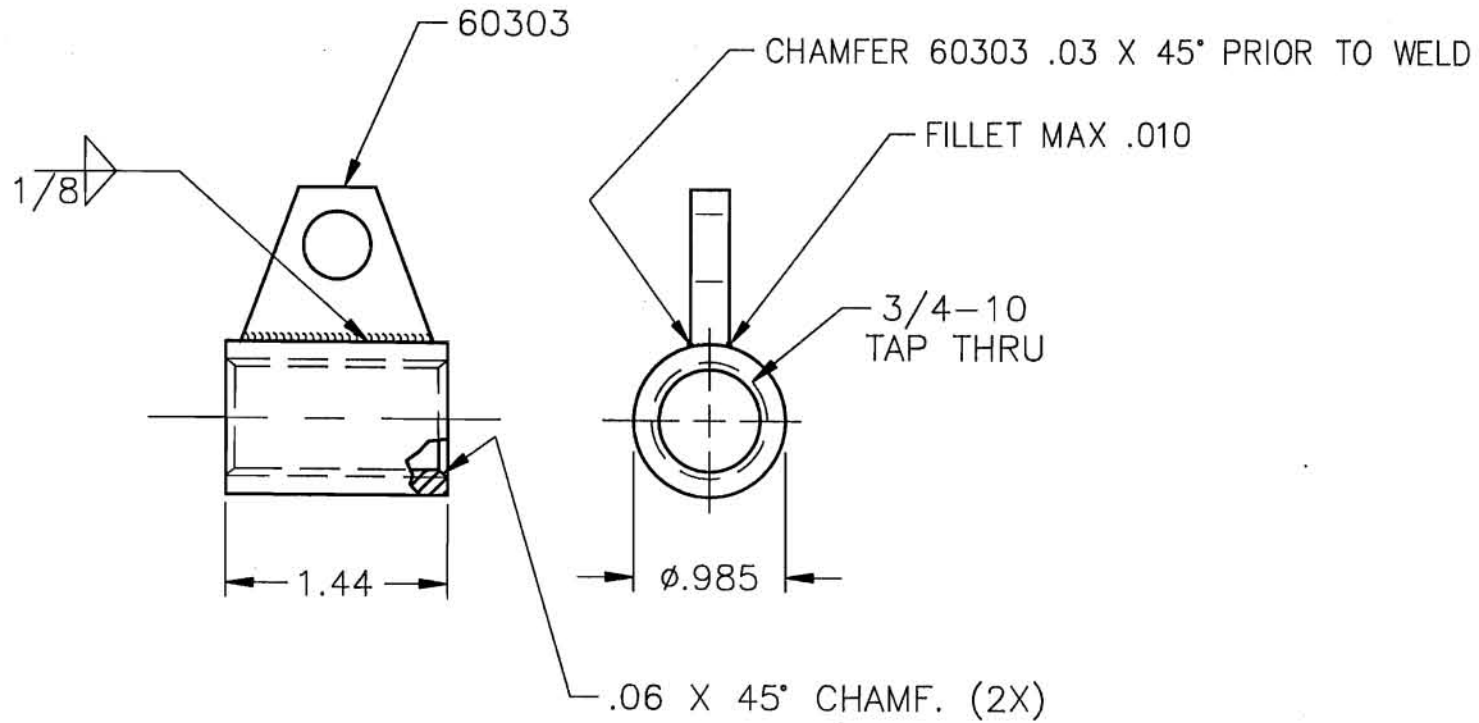
SCREW ASS'Y, SEAT LIFT

DRAWING NO.: 6013-021

REV: A1

DRAWING SHEET

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

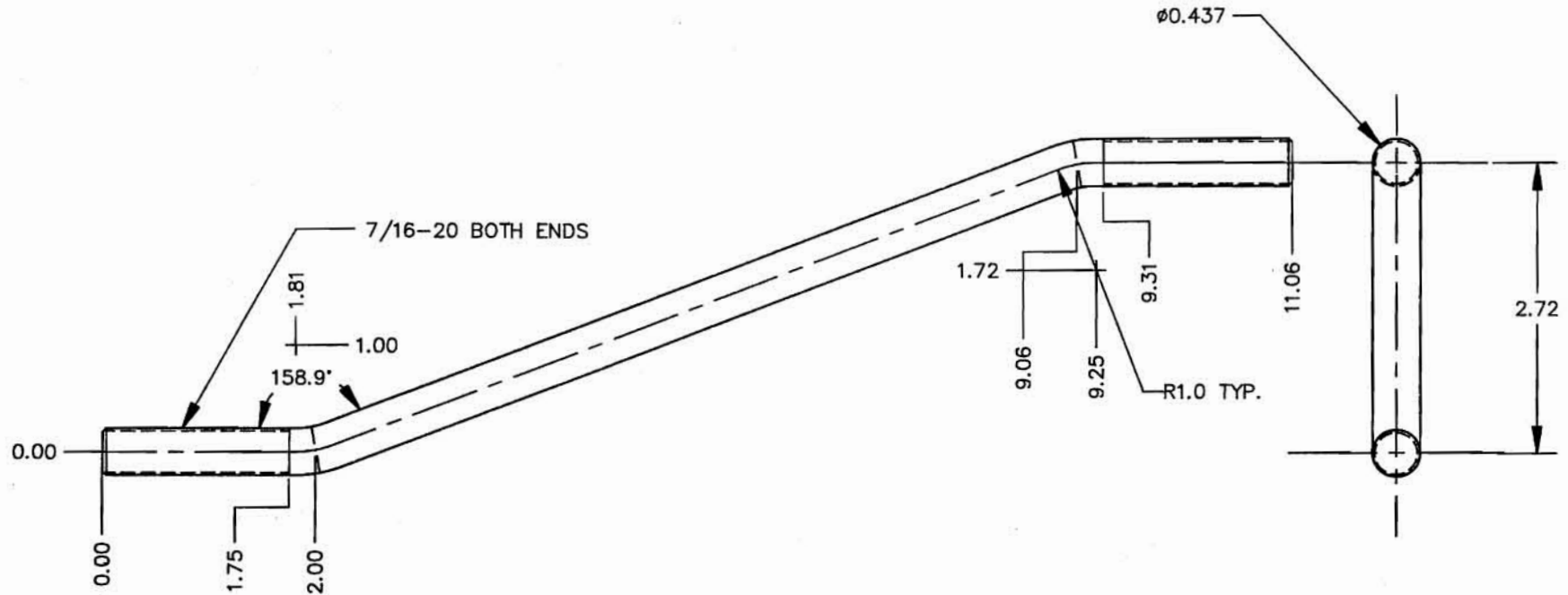


		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 456-5968	
		APPROVALS DATE [Signature] 12/18/01 [Signature] 12/18/01 [Signature] 12/18/01	TITLE: SEAT ADJUSTER NUT ARM-LEG MACHINE, MOD A6000 SIZE: FSCM NO. 1 DRAWING NO. 60315
TOLERANCES LINEAR .004 .010 .015 ANGLES ± 0.1° CONCENTRICITY ± .008 FLATNESS ± .008 ROUNDNESS ± .008	DO NOT SCALE DRAWING	SCALE: [Signature] 60315.DWG SHEET: 1 OF 1	REV: A1

DRAWING #:

SHEET: REV.:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



MAT'L: $\phi 7/16$ C.R.S
FINISH: BLACK OXIDE

NOTES:

ITEM NO.	QTY	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION

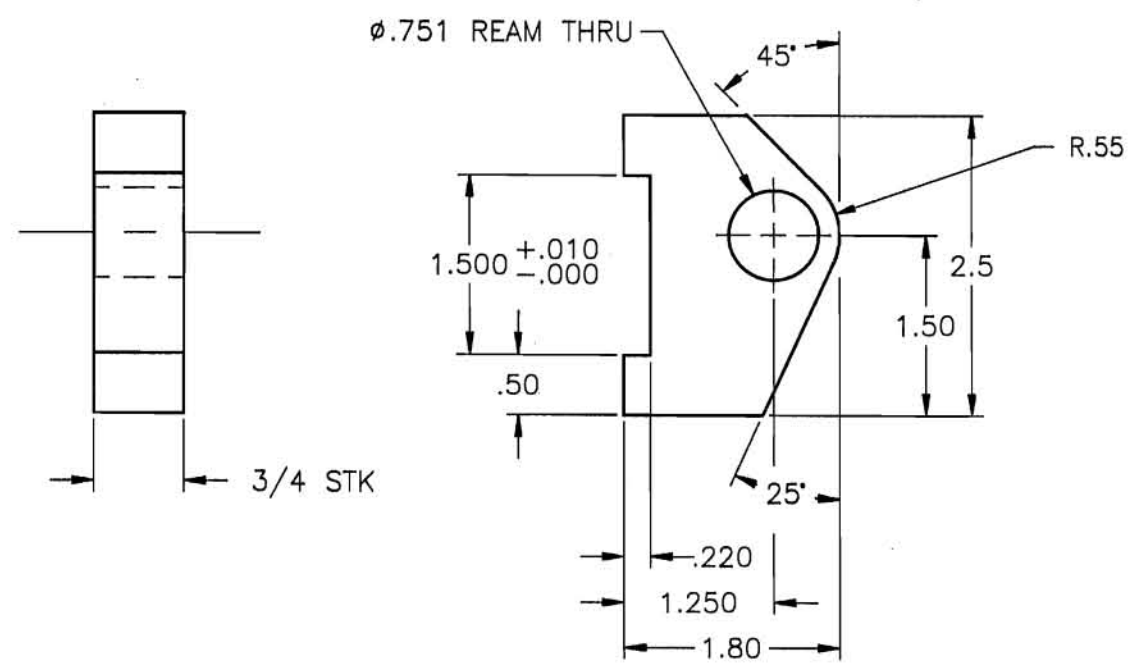
ITEM NO.	QTY	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			ARIEL LIFE SYSTEMS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES			APPROVALS		DATE
TOLERANCES:			APPROVED		DATE
LINEAR:			APPROVED		DATE
ANGLES: $\pm 0.5^\circ$			APPROVED		DATE
CONCENTRICITY: $\pm .005$			APPROVED		DATE
FLATNESS: $\pm .005$			APPROVED		DATE
ROUNDNESS: $\pm .005$			APPROVED		DATE
DO NOT SCALE DRAWING			SCALE:	CAD FILENAME:	SHEET: OF:

ARIEL LIFE SYSTEMS
SEAT LIFT TIE ROD

B

DRAWING NO.:
6013-018

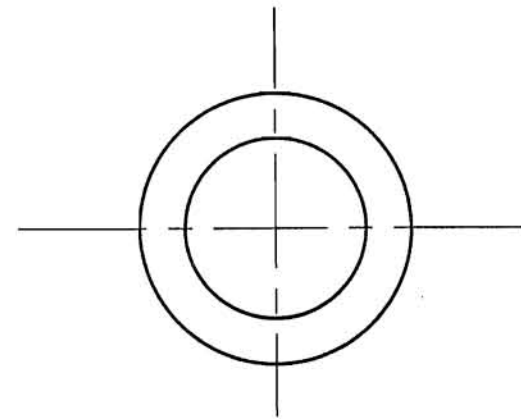
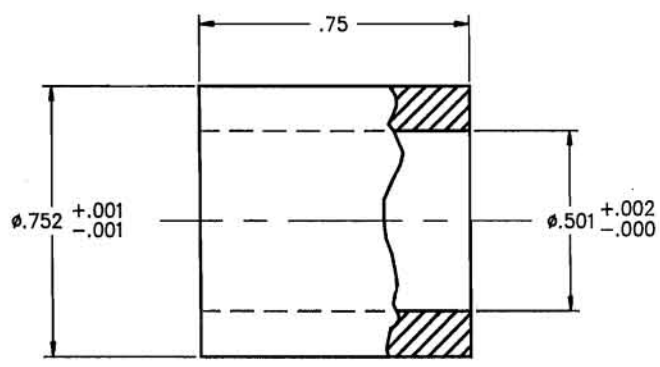
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- NOTES:
1. MAT'L TO BE 2-1/2 X 3/4" H.R. BAR.
 2. ONE-REQ'D. PER MACHINE.

APPROVALS		DATE	TITLE:	
Paul R. Bl/Tapp	12/12/91		REAR HYD. CYL. PIVOT	
Paul R. Bl/Tapp	12/12/91		ARM-LEG MACHINE, MOD A6000	
Paul R. Bl/Tapp	12/12/91		SIZE: C	FSCM NO.:
Paul R. Bl/Tapp	12/12/91		DRAWING NO.:	60104
DO NOT SCALE DRAWING			SCALE:	REV: A1
TOLERANCES: ANGLES & D.F. 0.0015			LIFE SYSTEMS INC.	
LINEAR: 0.0015			10110 SOBRENTO VALLEY RD.	
SURFACE: 0.0015			S.D., CA 92121 (619) 456-5952	
FLATNESS & 0.0015			SHEET: 1	
ROUNDNESS & 0.0015			OF: 1	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

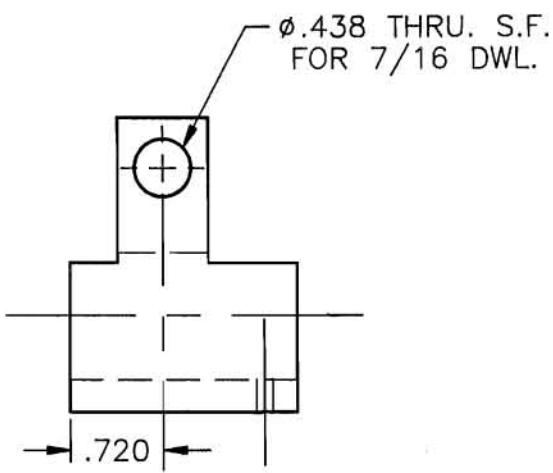
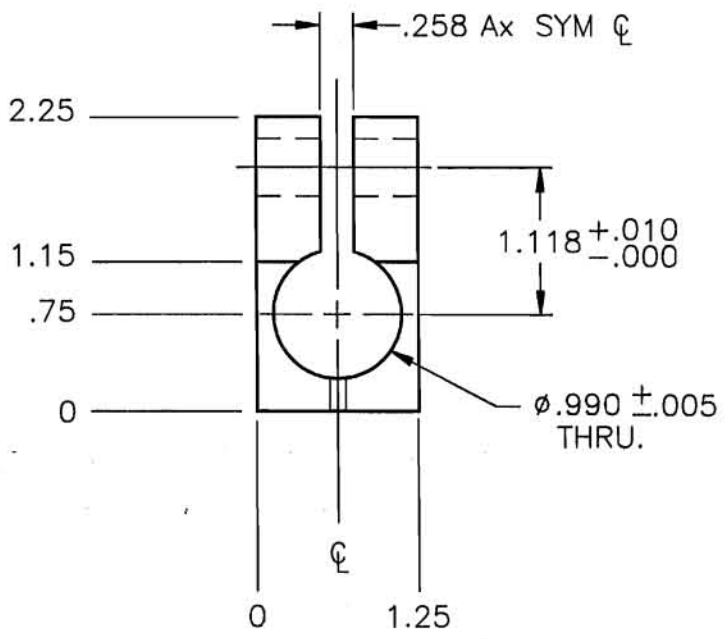
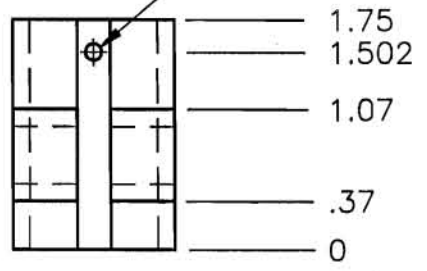


NOTES:
PURCHASE FROM KAMAN BEARING.

		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.C.A. 92121 (619) 455-5922	
APPROVALS PROJECT DESIGNER Paul W. Beffert		DATE 12/12/91	TITLE BUSHING, MODIFIED, ARM-LEG MACHINE, MOD A6000
DRAWN Paul W. Beffert		12/13/91	SIZE: FSCM NO.: DRAWING NO.: 60108
APPROVED Paul W. Beffert		12/23/91	REV. 1 A1
TOLERANCES: LINEAR: .004 .005 .002 & .006 ANGLES & O.F: .005 CONCENTRICITY & .005 FLATNESS & .005 ROUNDNESS & .005		DO NOT SCALE DRAWING	SCALE: SHEET: 1 OF 1

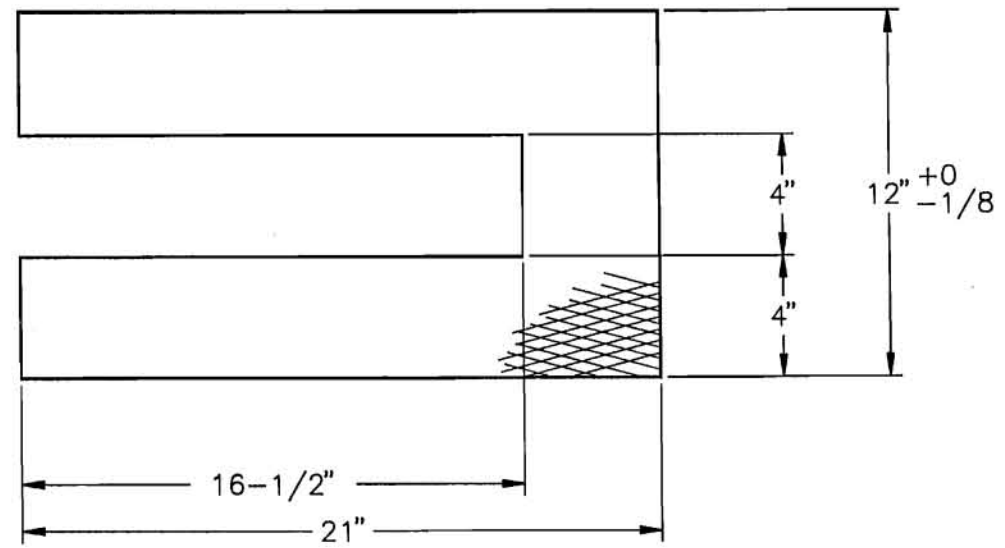
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

Ø.125 THRU. P.F. FOR STD DOWEL Ø.1252 X .50 LG.



		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D. CA. 92121 (619) 455-5952	
		APPROVALS	DATE
		Paul R. Beltrami	2/19/91
		Paul R. Beltrami	2/19/91
		Paul R. Beltrami	2/19/91
		DO NOT SCALE DRAWING	SCALE: 1/16" = 1" (AS SHOWN)
TOLERANCES UNLESS OTHERWISE SPECIFIED: LINEAR .010 ANGLES & RIF .008 HOLE .005 CONCENTRICITY .008 HOLE .008 FLATNESS .008 HOLE .008 ROUNDNESS .008		TITLE: SEAT NUT WELDING JIG ARM-LEG MACHINE, MOD A6000	DRAWING NO.: 60315-T1
		SHEET: 1	OF: 1

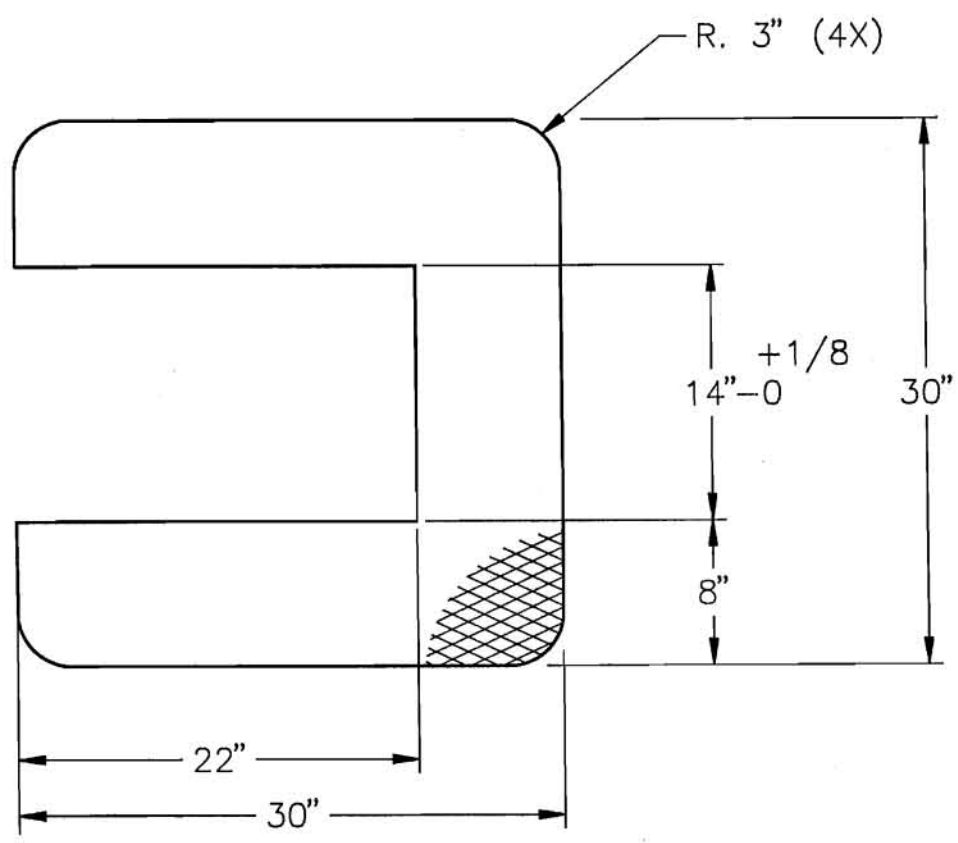
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- NOTES:
 1. MAT'L TO BE 1/4" DIAMOND PLATE.
 2. ONE-REQ'D. PER MACHINE.

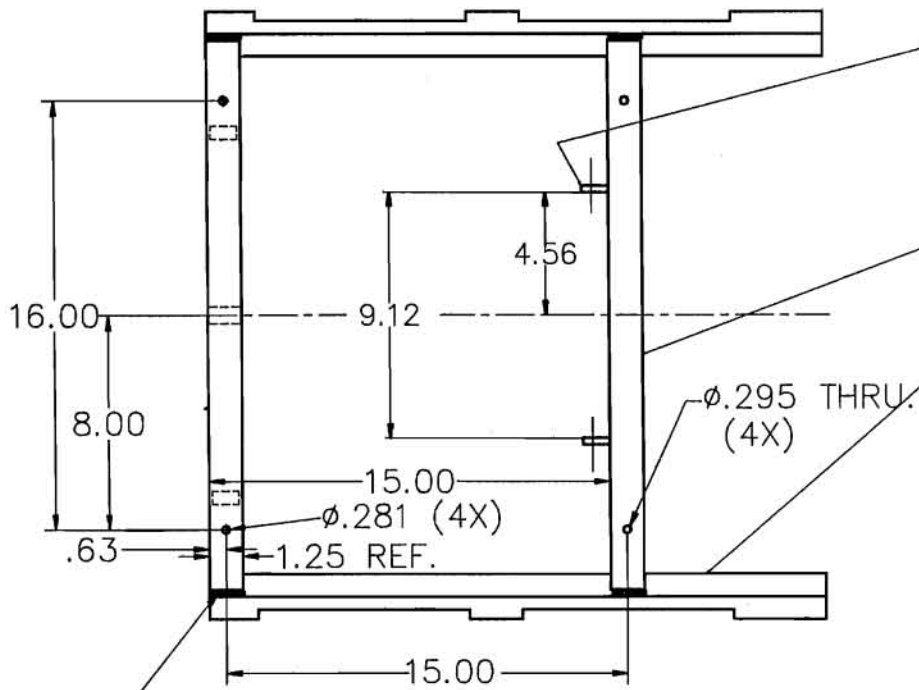
				ARIEL LIFE SYSTEMS	
		APPROVALS	DATE	TITLE: FOOT PLATE	
		Paul R. Britton	12/19/01	ARM-LEG MACHINE, MOD A6000	
		Paul R. Britton	12/19/01	SIZE: C	SCM NO.: 60103
		Paul R. Britton	12/19/01	DRAWING NO.: 60103	REV: A1
TOLERANCES: LINEAR .010 ANGLES & R .010		DO NOT SCALE DRAWING		SCALE: 1" = 1"	SHEET: 1 OF 1
.0004 .0008 CONCENTRICITY & .000				FILE NO: 60103.DWG	
.0004 .0008 FLATNESS & .000					
.0004 .0008 ROUNDNESS & .000					

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- NOTES:
1. MAT'L TO BE 1/4" DIAMOND PLATE.
 2. ONE-REQ'D. PER MACHINE.

APPROVALS		DATE	TITLE	
Paul W. BrlTepf		12/18/81	BASE PLATE, ARM-LEG MACHINE, MOD A6000	
Paul W. BrlTepf		12/18/81	SIZE: FSCM NO.:	DRAWING NO.:
Paul W. BrlTepf		12/18/81	C	80102
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGLES & 0.5°	SCALE:	REV.:
.005 .010	0.005 0.010	FLATNESS & .005	AS SHOWN	A1
.0005A .0005	.0005A .0005	ROUNDNESS & .005	80102.DWG	SHEET: 1 OF: 1
DO NOT SCALE DRAWING				



3 DWG. 60303
2 REQ'D.

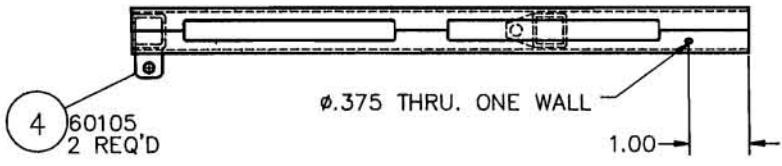
2 DWG. 6013-002
2 REQ'D.

1 DWG. 6013-001
2 REQ'D.

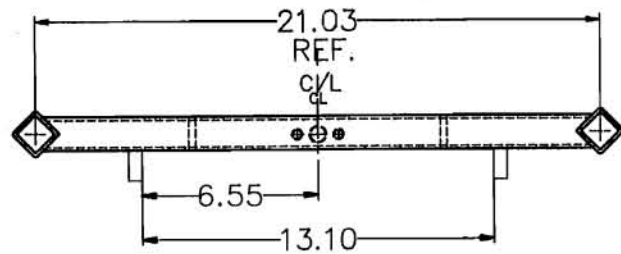
Ø.295 THRU.
(4X)

Ø.281 (4X)
1.25 REF.

WELD AS SHOWN
(8X)



4 60105
2 REQ'D



NOTES
ITEMS(2) MUST BE PARALELL AND COPLANER
TO WITHIN .025, AND 21.03 REF DIM. MUST BE
HELD TO WITHIN .050.

NOTES:

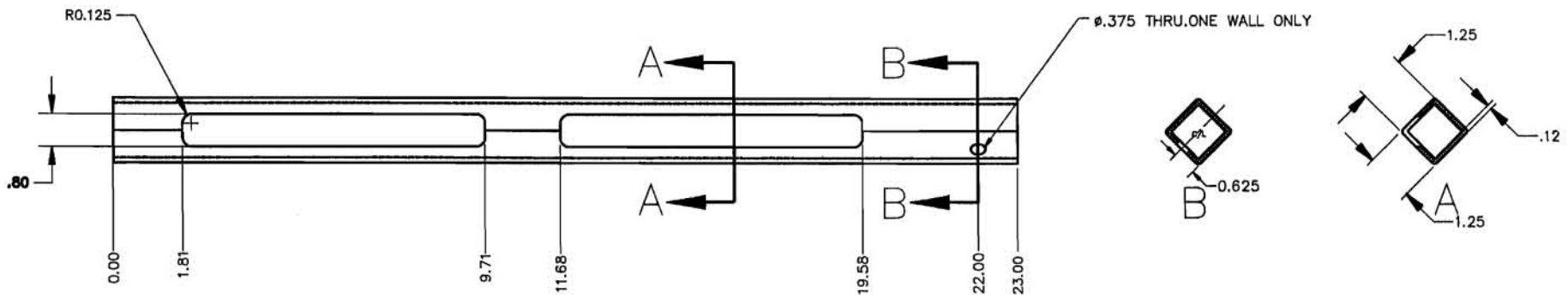
REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	

ITEM NO.	QTY	FROM	FROM	PART OR IDENTIFYING NO.	REMARKS	MATERIAL
BILL OF MATERIALS						
ARIEL LIFE SYSTEMS					APPROVALS	
SEAT FRAME ASS'Y					DATE	BY
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES					WEISKOPF	10/91
DRAWN BY: JAMES A. BLY					WEISKOPF	10/91
CHECKED BY: JAMES A. BLY					WEISKOPF	10/91
NEXT ASSY. USED ON:					DATE	BY
APPLICATION					SCALE	SHEET

DO NOT SCALE DRAWING

6013-000 A1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



MAT'L: 1.25"X1.25"X.125 THK. D.O.M STEEL TUBE
TWO(2) REQ'D. PER ASS'Y.

~ DO NOT SCALE THIS DWG. ~

NOTES:

ITEM NO.	QTY REQ'D	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL			CONTRACTS		
FINISH			APPROVALS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES			DATE		
TOLERANCES			DRAWN BY		
LINEAR .005			CHECKED BY		
ANGLES ± 0.1°			APPROVED BY		
HOLE CONCENTRICITY ± .005			DATE		
FLATNESS ± .005			SCALE		
ROUGHNESS ± .008			SHEET		

ARIEL LIFE SYSTEMS

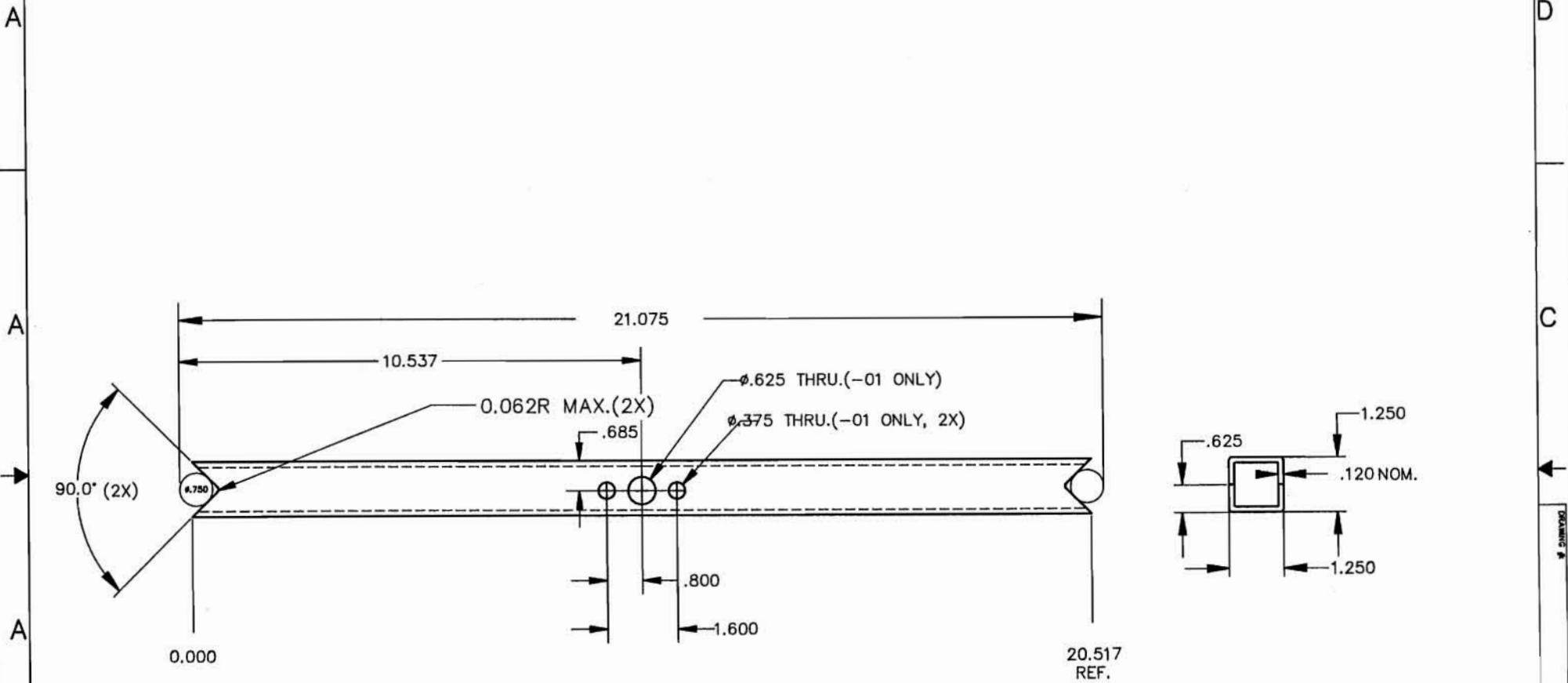
TITLE: TITLE SEAT BACK SIDE TUBE

SIZE: FSCM NO. DRAWING NO. 6013-001

SCALE: SHEET: OF:

DRAWING # SHEET REV

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A1	HOLES ADDED FOR NUT PLATE	12/19/91	WEISKOPF



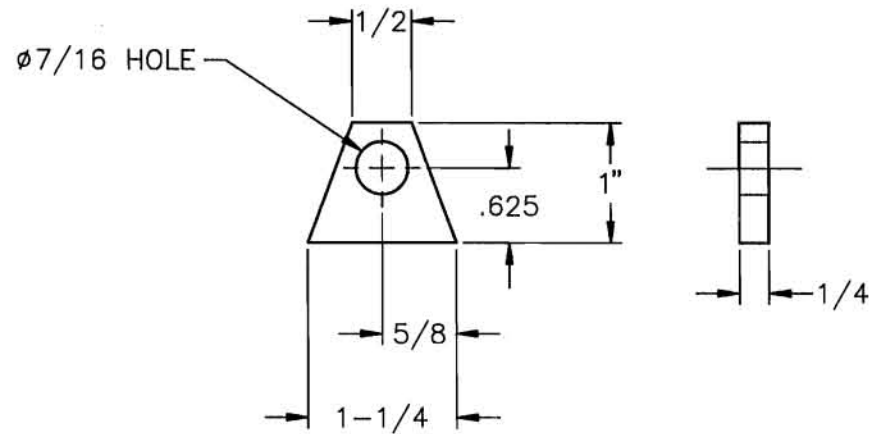
MAKE FROM 1.25"X1.25"X.120" DOM. STEEL TUBE.
 -01 HAS TWO(2) ϕ .375 HOLES, AND ONE(1) ϕ .625 HOLE
 MAKE FROM 6013-002

DO NOT SCALE THIS DWG.

NOTES:

ITEM NO.	QTY	PSOM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIALS					
PARTS					
APPROVALS			DATE	TITLE	
Paul R. StriTopf			12/9/91	ARIEL LIFE SYSTEMS	
Paul R. StriTopf			12/9/91	SEAT FRAME STRINGER	
Paul R. StriTopf			12/9/91	SIZE: C	PSOM NO.: 6013-002/-01
NEXT ASSY. USED ON APPLICATION			DO NOT SCALE DRAWING	SCALE: 1:1	SHEET: 1 OF 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

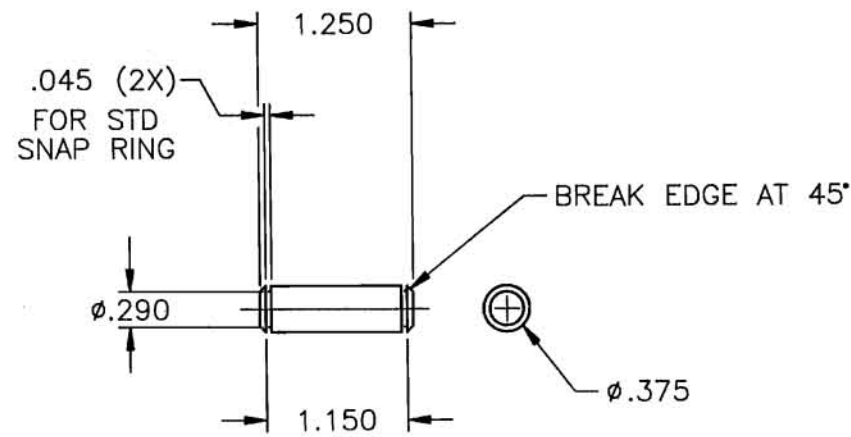


NOTES:

1. MAT'L TO BE 1 X 1/4 C.R.S. BAR.
2. THREE REQ'D PER MACHINE.

		ARIEL LIFE SYSTEMS	
APPROVALS		DATE	TITLE
Paul M. Selfrep	4/12/91	4/12/91	LIFT MOUNT PIVOT
Paul M. Selfrep	4/12/91	4/12/91	ARM-LEG MACHINE, MOD A6000
Paul M. Selfrep	4/12/91	4/12/91	60303
TOLERANCES		ANGLES & D/F	FLATNESS & .008
LINEAR		CONCENTRICITY & .008	PERPENDICULARITY & .008
3XXX .010		3XXX .008	3XXX .008
3XXX .008		3XXX .008	3XXX .008
3XXX .008		3XXX .008	3XXX .008
DO NOT SCALE DRAWING		SCALE:	SHEET 1 OF 1

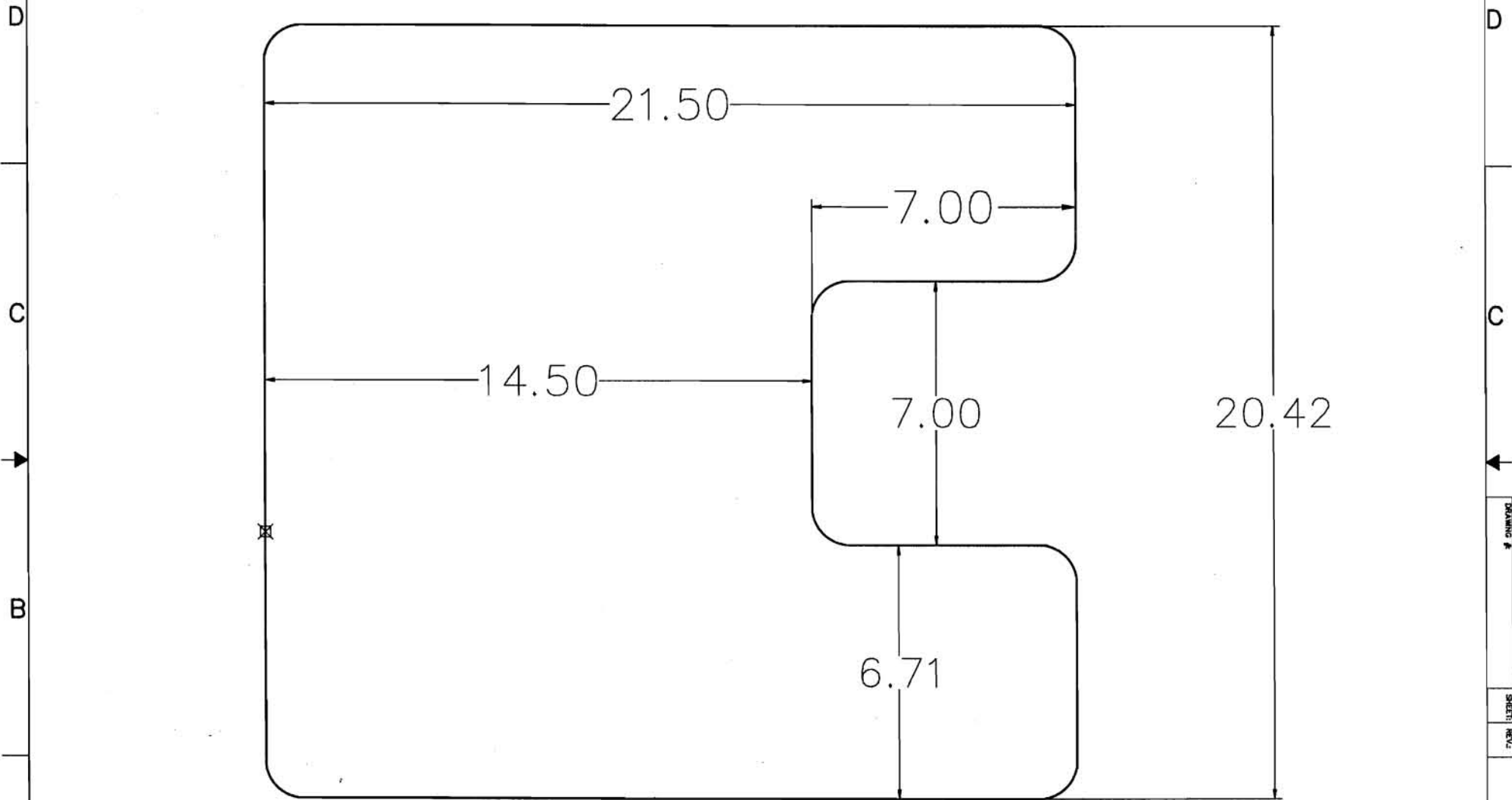
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



MATERIAL: 3/8" C.R.S.
 FINISH: BLACK OXIDE
 2 PER ASSEMBLY

		ARIEL LIFE SYSTEMS	
APPROVALS	DATE	TITLE	REV. I
Paul M. Bell	2/12/98	A/L SEAT HINGE PIVOT PIN	
Paul M. Bell	2/12/98	ARM-LEG MACHINE, MOD A6000	
Paul M. Bell	2/12/98	SIZE: FSCM NO. 1	DRAWING NO. 60305
Paul M. Bell	2/12/98	SCALE: 1:1	SHEET: 1 OF 1
TOLERANCES: ANGLES ± 0.5° LINEAR: .004 .015 CONCENTRICITY ± .005 .0025 .005 FLATNESS ± .005 .00025 .0005 ROUNDNESS ± .005		DO NOT SCALE DRAWING	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A1		23.75 LENGTH CHANGED TO 21.50	12/10/91	WEISKOPF



-NOTES-
 MAKE FROM 1/2" THK. PLYWOOD
 MAKE USE OF WOOD WITH TWO GOOD SIDES
 OVER ALL LENGTH OF CUSHION IS 24.75
 21.50 COMPENSATES FOR FOAM OVERHANG.

ITEM NO.	QTY	FSOM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL				APPROVALS	
FINISH				DATE	
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES				PROJECT ENGINEER: Paul SR BelTopf 12/91	
TOLERANCES: LINEAR .004 .005 ANGLES & 0.5° CONCENTRICITY & .005 FLATNESS & .005 ROUNDNESS & .005				DESIGNER: Paul SR BelTopf 12/91	
NEXT ASSY. USED ON APPLICATION				APPROVED: Paul SR BelTopf 12/91	
				DATE: 12/91	
				SIZE: FSOM NO. C	
				DRAWING NO.: 6013-017	
				REV: A1	
				SCALE: 1" = 1"	
				FILE NAME: 6013-017.DWG / BAK SHEET: OF:	

DRAWING & SHEET NO.

4

3

2

1

REVISIONS		DATE	APPROVED
ZONE REV	DESCRIPTION		
A1	NOTCHES FOR CHAIN ADJ. ADDED. 1.05X SCL	4/11/91	WEISKOPF

D

D

C

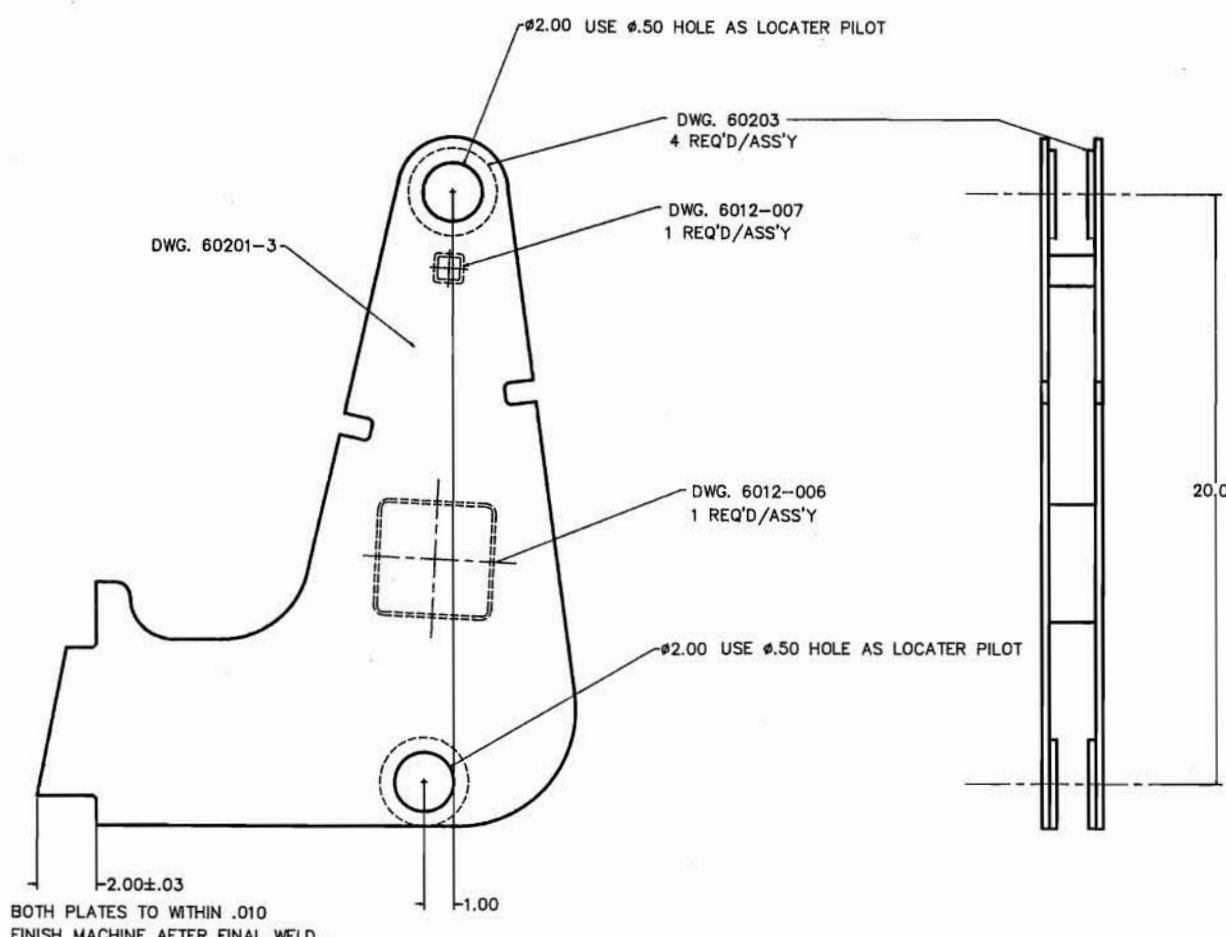
C

B

B

A

A



2.00±.03
 1.00
 BOTH PLATES TO WITHIN .010
 FINISH MACHINE AFTER FINAL WELD.

-NOTES-
 PROCEDURE SEQUENCE AS FOLLOWS:
 FLAME CUT PLATES TO DWG. 6012-004
 DRILL Ø.500 HOLES USING 60201-DJ DRILL JIG.
 WELD 60203'S IN PLACE, LOCATE USING Ø.500 DOWEL PIN.
 STRAIGHTEN PLATES TO FLAT
 LOCATE AND WELD DWG'S 6012-006,-007 USING 60201-SQ.JG AND Ø.500 DOWELS
 ASSEMBLE SECOND PLATE AND WELD TOGETHER THEN STRAIGHTEN..
 THEN BORE Ø2.001 HOLES,THIS IS NOW 6012-000 COMPLETED TRANSMISSION

NOTES:

ITEM NO.	QTY (REQD)	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:					
FINISH:					
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES					
TOLERANCES					
LINEAR: .004 .010 ANGLES: ± 0.5° CONCENTRICITY: ± .005					
.00024 .0005 FLATNESS: ± .005					
.00024 .0005 ROUNDNESS: ± .005					
NEXT ASSY. USED ON		APPLICATION			

APPROVALS	DATE	TITLE
Paul W. Briffert	10/11/91	ARIEL LIFE SYSTEMS
Paul W. Briffert	10/11/91	TRANSMISSION ASS'Y
Paul W. Briffert	10/11/91	SIZE: FSCM NO.: DRAWING NO.: REV:
DO NOT SCALE DRAWING		C 6012-000 A1
SCALE:	SHEET:	OF:

4

3

2

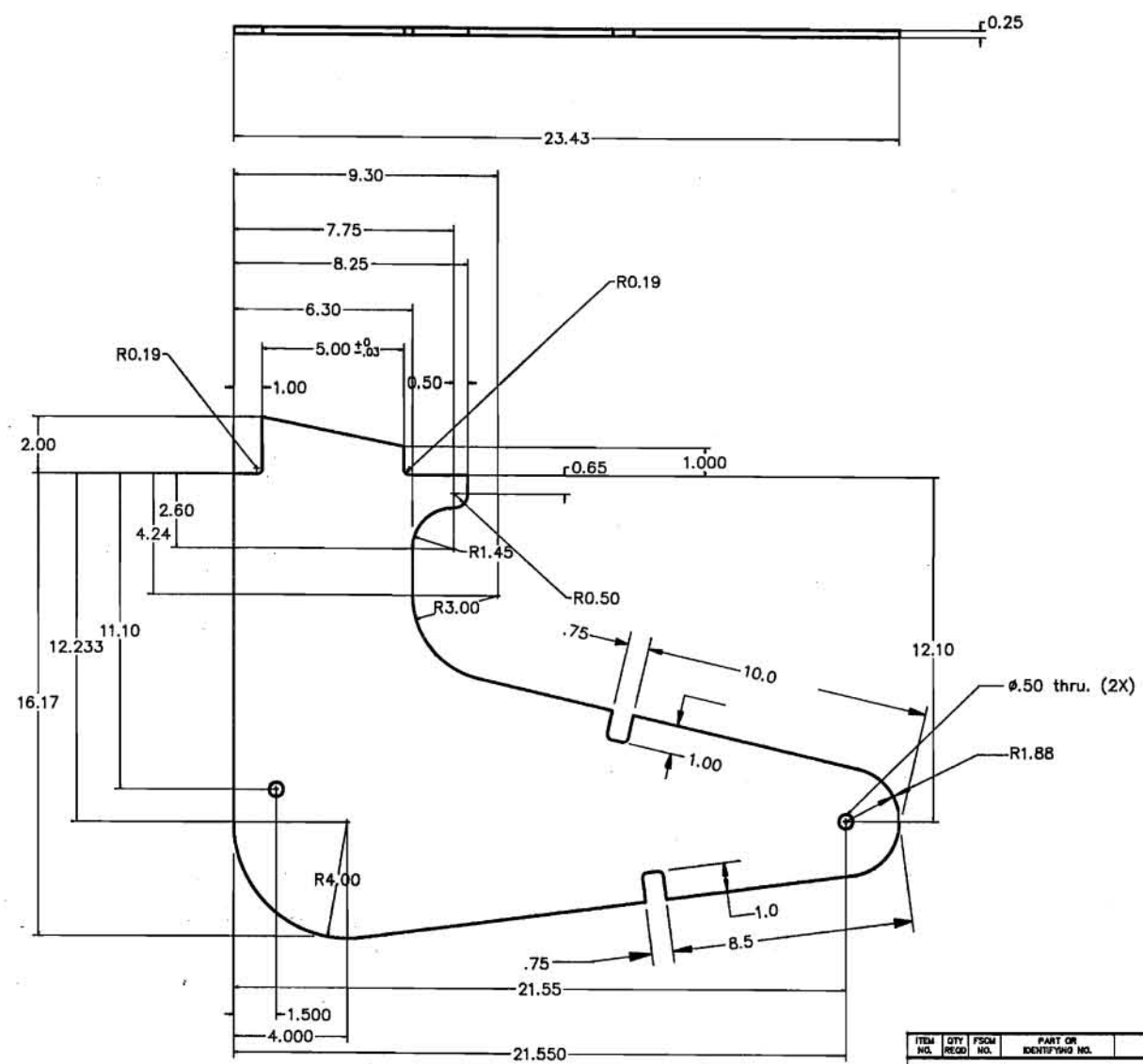
1

DRAWING #

SHEET #

REV:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A1		NOTCHES ADDED FOR ADJ.	4/10/91	WEISKOPF



-NOTES-

MATL: .25 THK. HOT ROLLED STEEL, FLAME CUT
ALL EDGES TO BE SMOOTH TO MAX. FLAME CUT FINISH

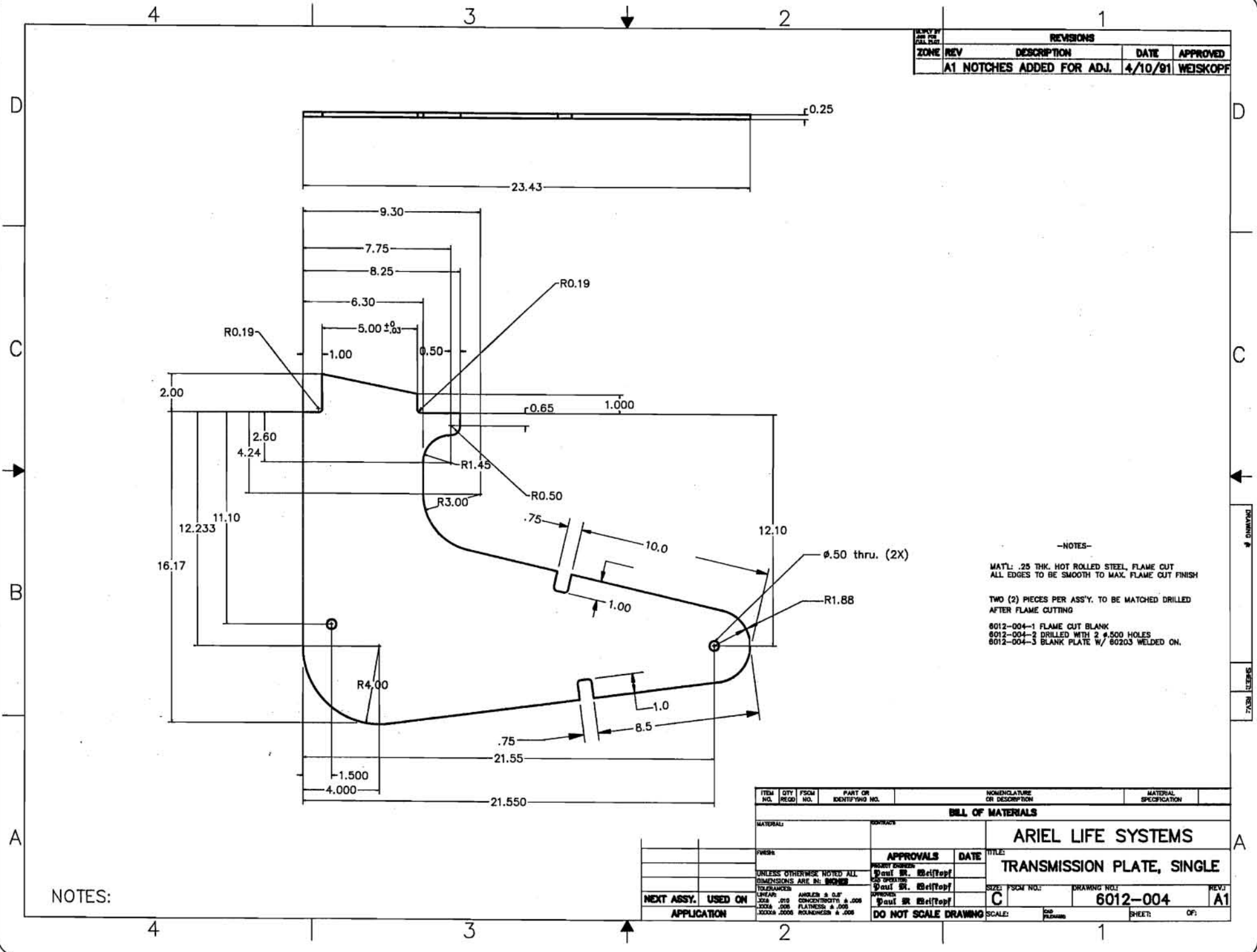
TWO (2) PIECES PER ASSY. TO BE MATCHED DRILLED
AFTER FLAME CUTTING

6012-004-1 FLAME CUT BLANK
6012-004-2 DRILLED WITH 2 Ø.500 HOLES
6012-004-3 BLANK PLATE W/ 60203 WELDED ON.

NOTES:

ITEM NO.	QTY	FSM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:				CONTRACT:	
FRESH:				APPROVALS	
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES				DATE	
TOLERANCES:				DRAWN BY: [Signature]	
LINEAR: .004 .015 .030				CHECKED BY: [Signature]	
ANGLES & CUT: .004 .008				APPROVED BY: [Signature]	
CONCENTRICITY: .005				DATE	
FLATNESS: .005				SIZE: C	
ROUNDEDNESS: .005				FSM NO.: 6012-004	
DO NOT SCALE DRAWING				DRAWING NO.: 6012-004	
SCALE:				REV: A1	
SHEET: 1				OF: 1	

NEXT ASSY.	USED ON	APPLICATION



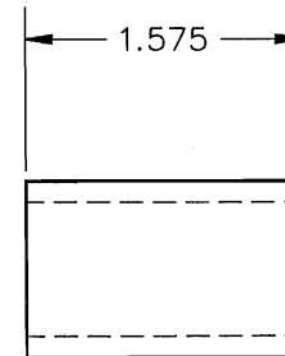
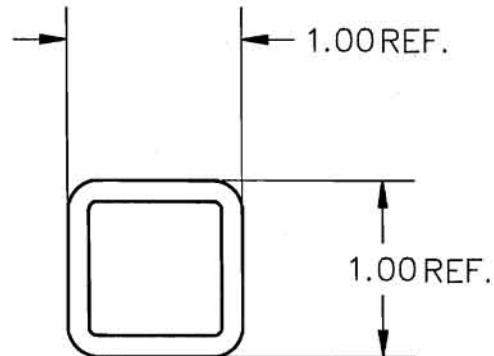
DRAWING #:

SHEET: REV.:

NOTES:

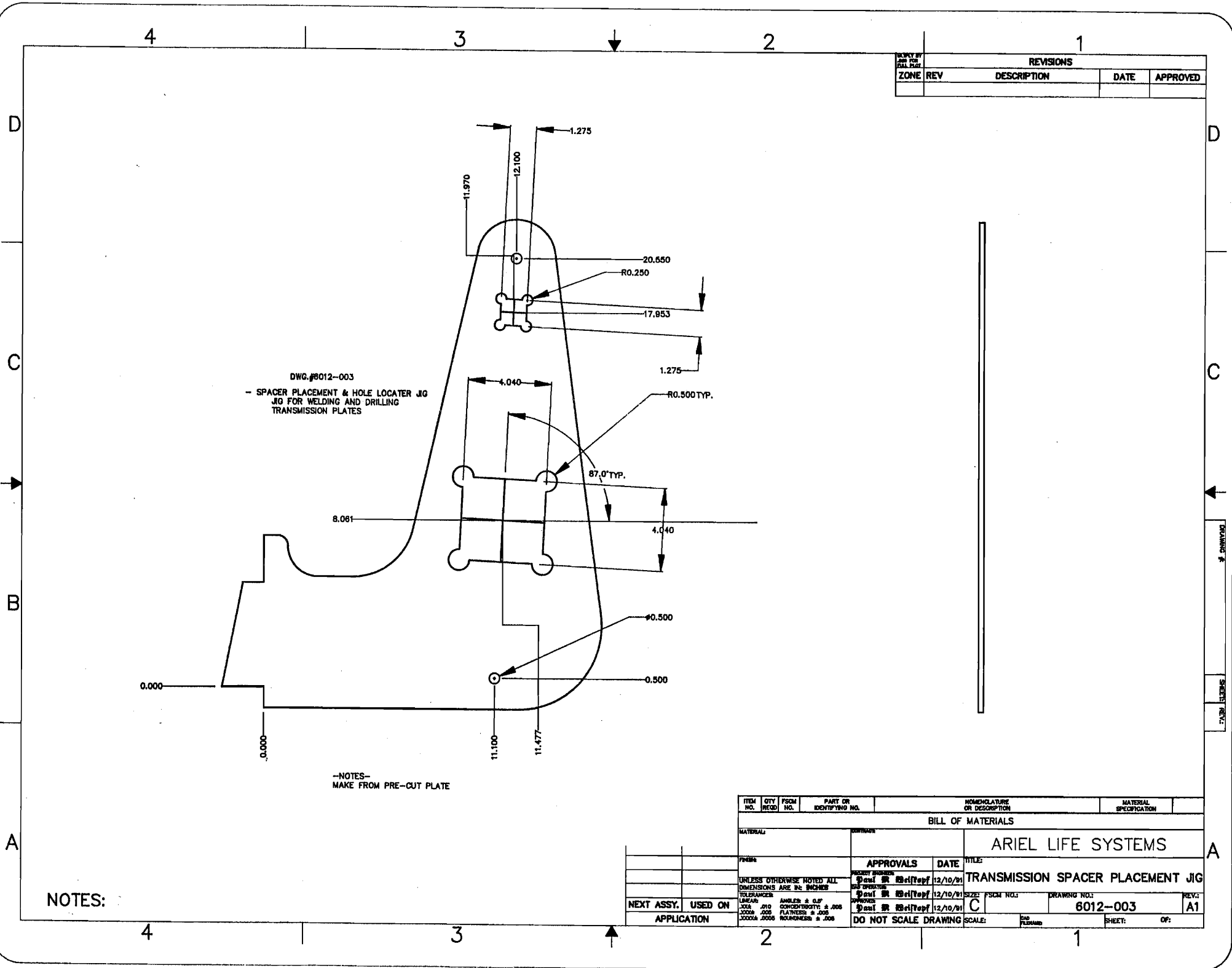
REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
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MAT'L: C.R.S. WELDED TUBE
FINISH: NONE

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			APPROVALS		DATE
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			PROJECT ENGINEER: Paul R. Weisopf		4/10/91
TOLERANCES:			CHECKED: Paul R. Weisopf		4/10/91
LINEAR: .XX± .010			APPROVED: Paul R. Weisopf		4/10/91
.XXX± .005			DO NOT SCALE DRAWING		SCALE: 1:1
.XXXX± .0005			ANGLES: ± 0.5'		CONCENTRICITY: ± .005
			FLATNESS: ± .005		ROUNDNESS: ± .005
NEXT ASSY.		USED ON		APPLICATION	
ARIEL LIFE SYSTEMS					
TRANSMISSION SPACER SMALL					
SIZE: A		FSCM NO.:		DRAWING NO.:	
				6012-007	
				REV.: A1	
CAD FILENAME: 6012-007.DWG				SHEET: OF:	



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

DWG.#0012-003
 - SPACER PLACEMENT & HOLE LOCATER JIG
 FOR WELDING AND DRILLING
 TRANSMISSION PLATES

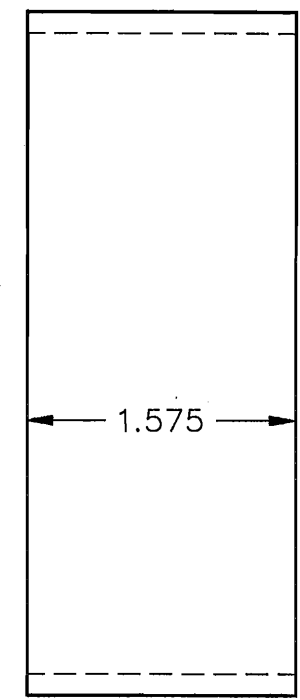
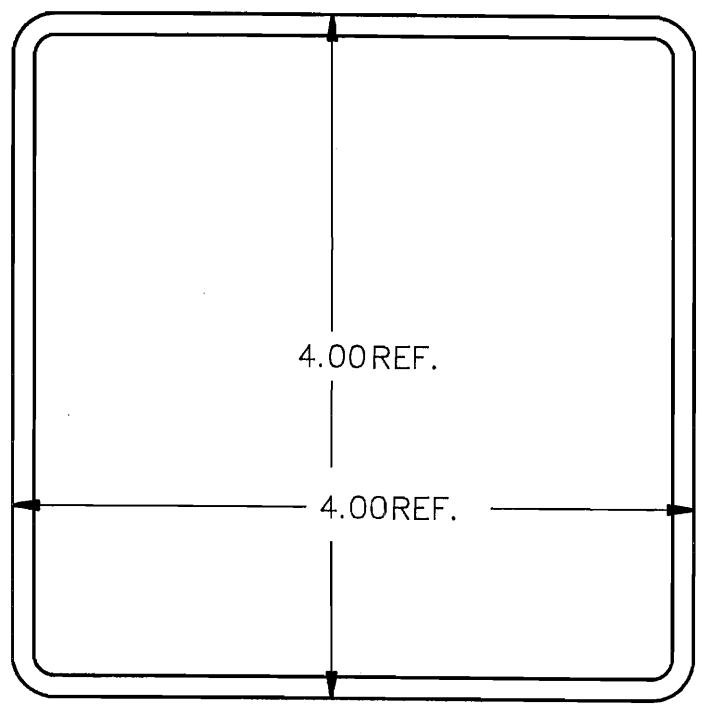
-NOTES-
 MAKE FROM PRE-CUT PLATE

NOTES:

ITEM NO.	QTY	FSCM NO.	PART OR IDENTIF'G NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:					
ARIEL LIFE SYSTEMS					
APPROVALS				DATE	TITLE
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES				12/10/01	TRANSMISSION SPACER PLACEMENT JIG
TOLERANCES				SIZE	FSCM NO.
LINEAR .006 .010 ANGLES ± .015				C	6012-003
HOLE LOCATER .006 .010 CONCENTRICITY ± .005				SCALE:	DRAWING NO.:
ROUNDNESS ± .006				DO NOT SCALE DRAWING	6012-003
APPLICATION				SCALE:	SHEET: OF:

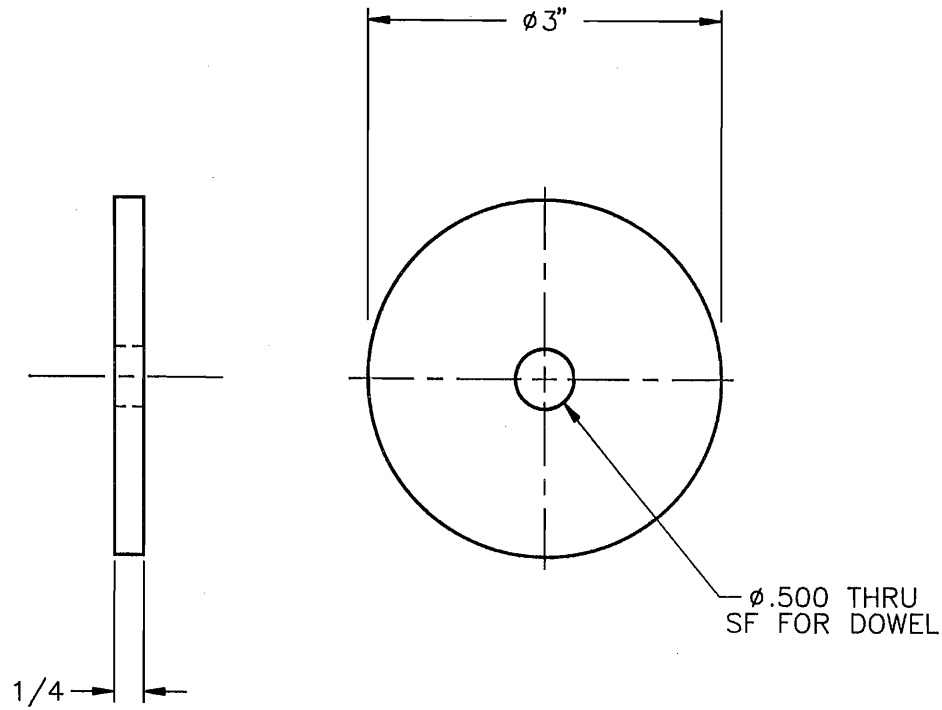
NOTES: MAT'L: C.R.S. WELDED TUBE
FINISH: NONE

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			APPROVALS		DATE
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			CAD OPERATOR: <i>Paul R Weistopf</i>		10/15/91
TOLERANCES:			CHECKED: <i>Paul R Weistopf</i>		10/15/91
LINEAR: .XX± .010			APPROVED: <i>Paul R Weistopf</i>		10/18/91
.XXX± .005			ANGLES: ± 0.5°		CONCENTRICITY: ± .005
.XXXX± .0005			FLATNESS: ± .005		ROUNDNESS: ± .005
NEXT ASSY.		USED ON		TITLE: ARIEL LIFE SYSTEMS	
APPLICATION				TRANSMISSION SPACER LARGE	
DO NOT SCALE DRAWING				SIZE: A	FSCM NO.:
				SCALE: 1:1	DRAWING NO.: 6012-006
				CAD FILENAME:	REV.: A1
				SHEET:	OF:

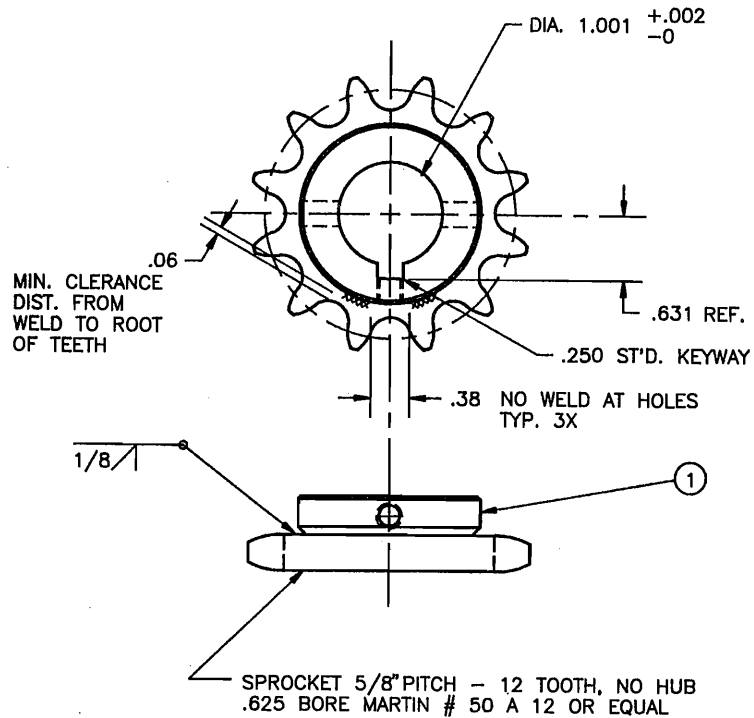
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- NOTES:
1. MAT'L TO BE 1/4" C.R. SHEET PUNCH FORMED.
 2. 4-REQ'D PER MACHINING.

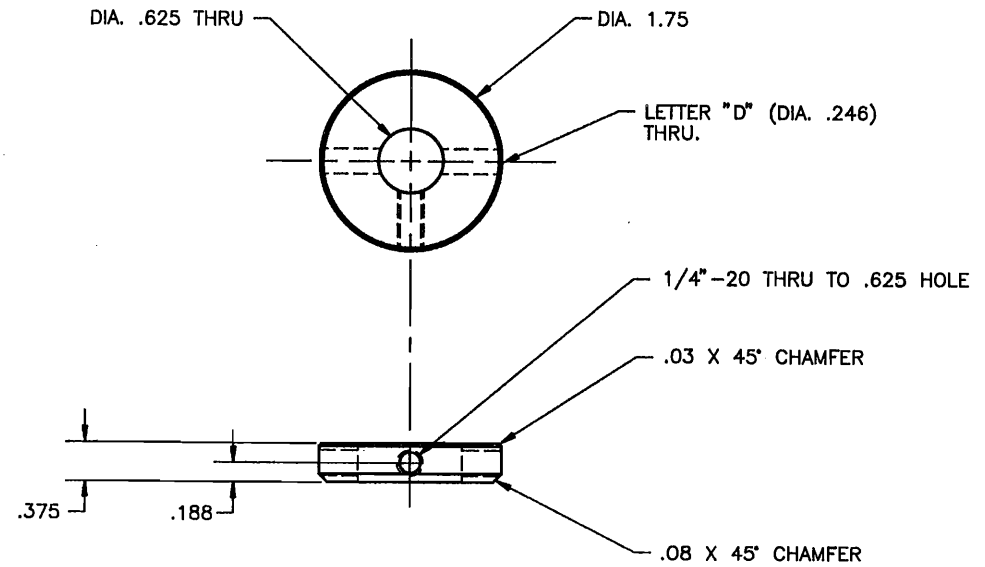
APPROVALS		DATE	TITLE	
[Signature]		12/13/91	ARIEL LIFE SYSTEMS A/L TRANSMISSION SUPPORT PLATE SPROCKET SPACER	
[Signature]		12/13/91	SIZE	DRAWING NO.
[Signature]		12/13/91	C	60203
TOLERANCES		ANGLES & D.P.	SCALE	REV.
LINEAR .010		CONCENTRICITY & .005	DO NOT SCALE DRAWING	A1
HOLE .005		FLATNESS & .005	DATE	SHEET: 1
CIRCLE .005		ROUGHNESS & .500	FILE NAME	OF: 1
			60203.DWG	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A1	.375 DIA. WNS .400-.100 DIA. WNS .300	12/18/91	WESKOPF



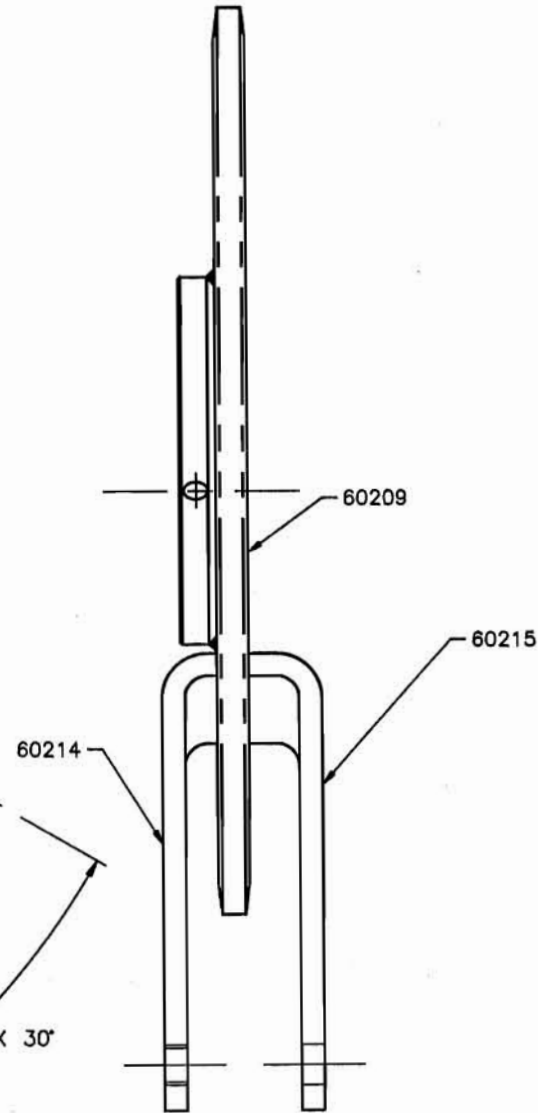
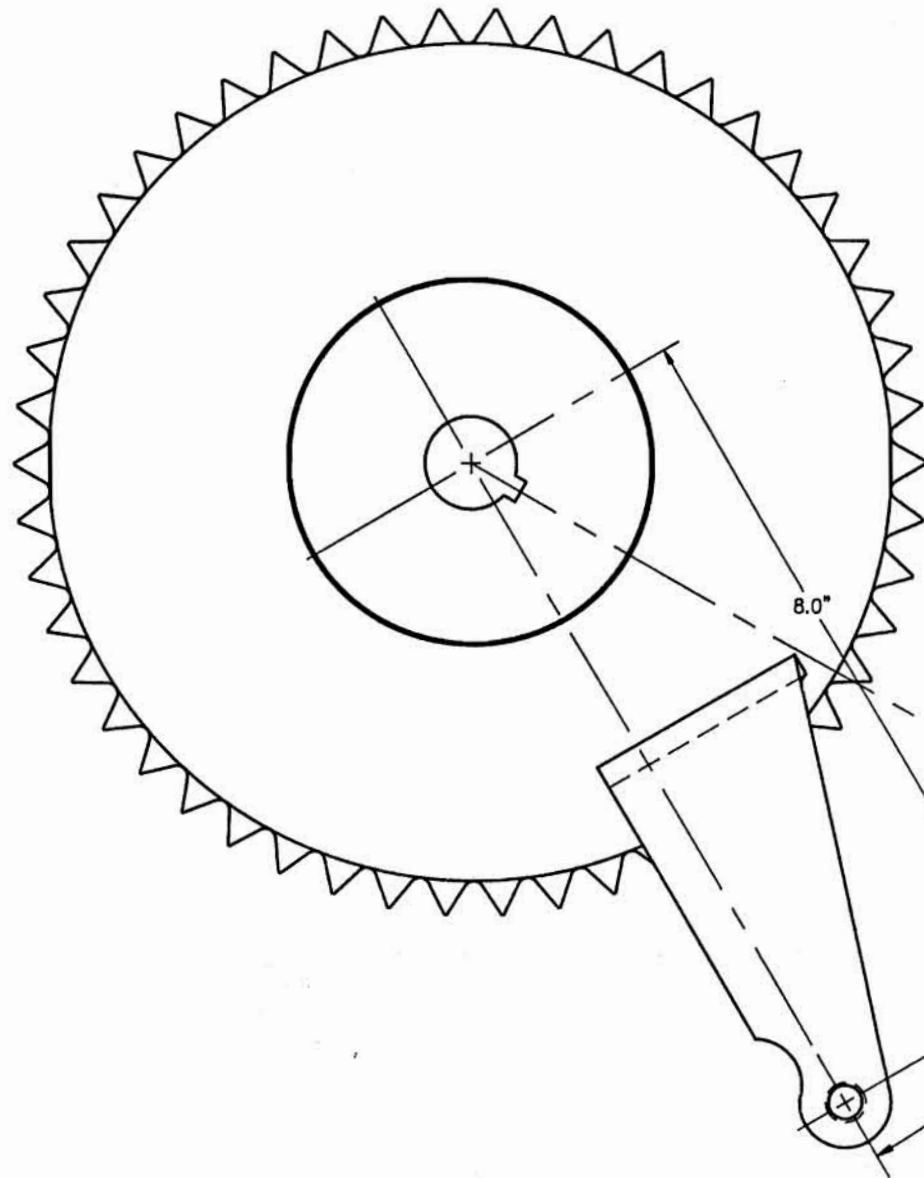
NOTE:

- 1 USE MANDREL TO LOCATE AT WELDING
- 2 TIG WELD
- 3 MATES WITH 60210
- 4 BLACK OXIDE / OIL
- 5 ONE REQ'D.



- ① MAT'L. C.R. STEEL
1 REQ'D.

ITEM NO.	QTY	PART OR IDENTIFYING NO.	DESCRIPTION
BILL OF MATERIALS			
		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (819) 455-5952	
		APPROVALS	DATE
		Paul S. Hewitt	12/18/91
		R.T. HEWITT	12/91
		Paul S. Hewitt	12/18/91
TOLERANCES:		ANGLES: 0.07	DRAWING NO. 60208
LINEAR: .002 .010		CONCENTRICITY: .005	REV: A1
.0004 .005		FLATNESS: .005	
.0004 .0005		ROUNDNESS: .005	
DO NOT SCALE DRAWING			SCALE: 1" = 1"
PART NO. 60208			SHEET: 1 OF 1

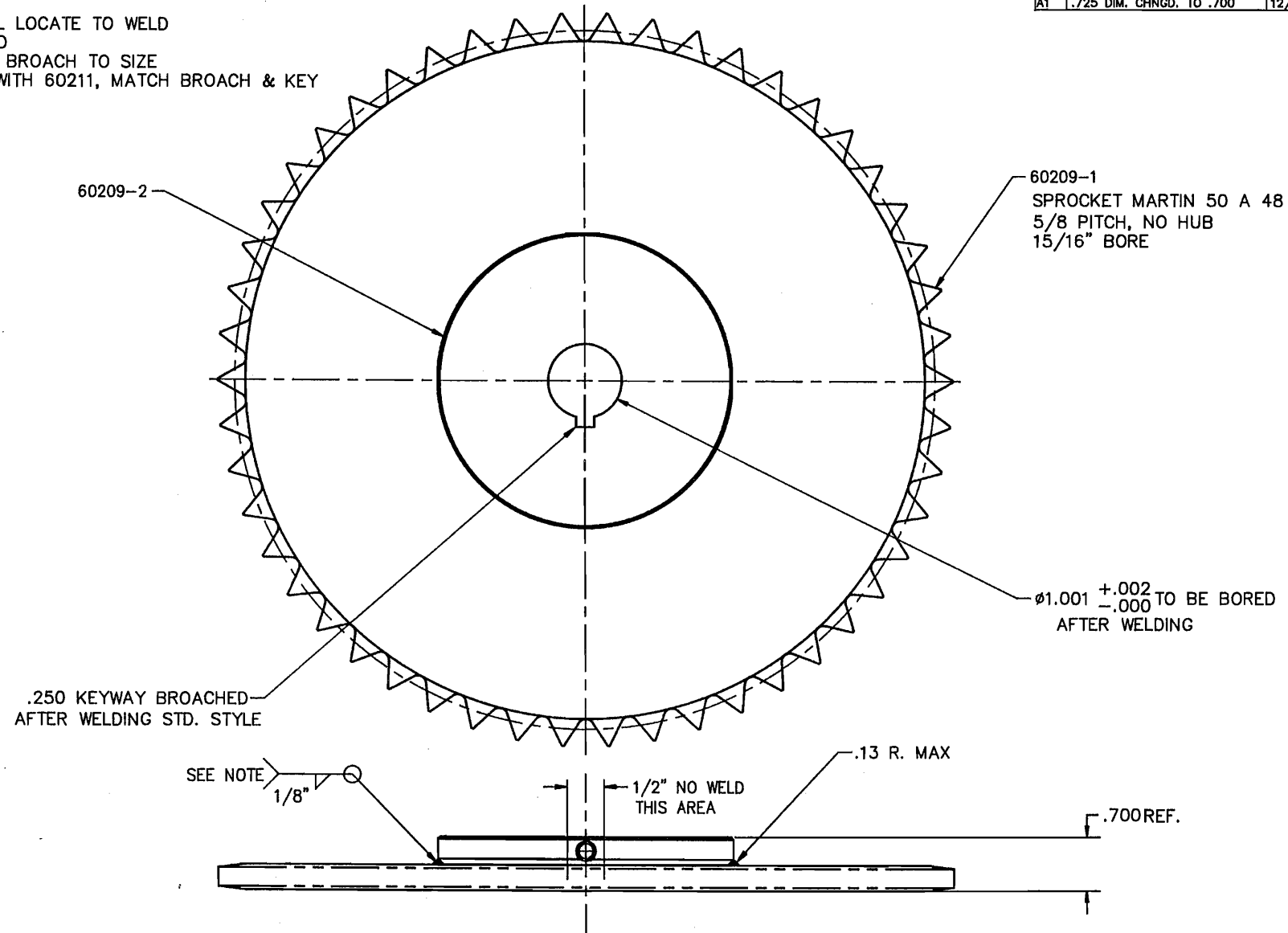


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

APPROVALS		DATE	TITLE	ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.B.CA. 92121 (619) 456-5968	
DESIGNED BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i>		12/13/91	SPROCKET ASSEMBLY ARM-LEG MACHINE, MOD A6000	SIZE: C	DRAWING NO.: 60219
DRAWN BY: <i>[Signature]</i> APPROVED BY: <i>[Signature]</i>		12/13/91	FSCM NO.: DO NOT SCALE DRAWING	SCALE:	SHEET 1 OF 1 FILE NO: 60219.DWG
TOLERANCES: ANGLES & D.P. AS SHOWN LINEAR: .005 & .010 CONCENTRICITY & .005 .0025 & .005 FLATNESS & .005 .00025 & .005 ROUNDNESS & .005					REV: A1

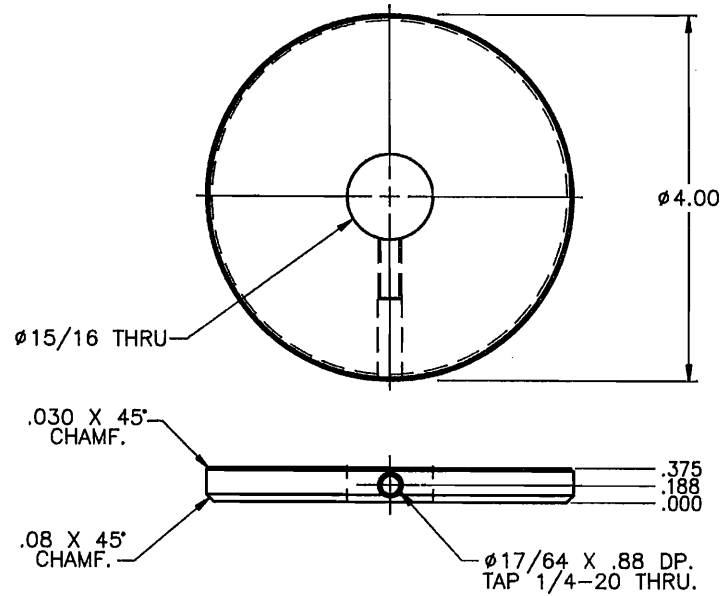
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A1	.725 DIM. CHNGD. TO .700	12/13/91	WEISKOPF

- NOTES:
 1.) MANDREL LOCATE TO WELD
 2.) TIG WELD
 3.) BORE & BROACH TO SIZE
 4.) MATES WITH 60211, MATCH BROACH & KEY



		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.CA. 92121 (919) 455-5952	
APPROVALS	DATE	TITLE: LOWER SPROCKET ARM-LEG MACHINE, MOD A6000	
Desig. SR. Bcl/Twpf	12/13/91	SIZE: FSCM NO:	DRAWING NO: 60209
Desig. SR. Bcl/Twpf	12/13/91	SCALE:	REV: A1
TOLERANCES: ANGLES & 0.01 LINEAR: .004 .005 CONCENTRICITY & .005 .0016 .005 FLATNESS & .005 .0005 .0005 ROUNDNESS & .005		DO NOT SCALE DRAWING	SHEET: 1 OF: 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A1	.400 DIM. CHNGD. TO .375 STK.	12/13/91	WEISKOPF



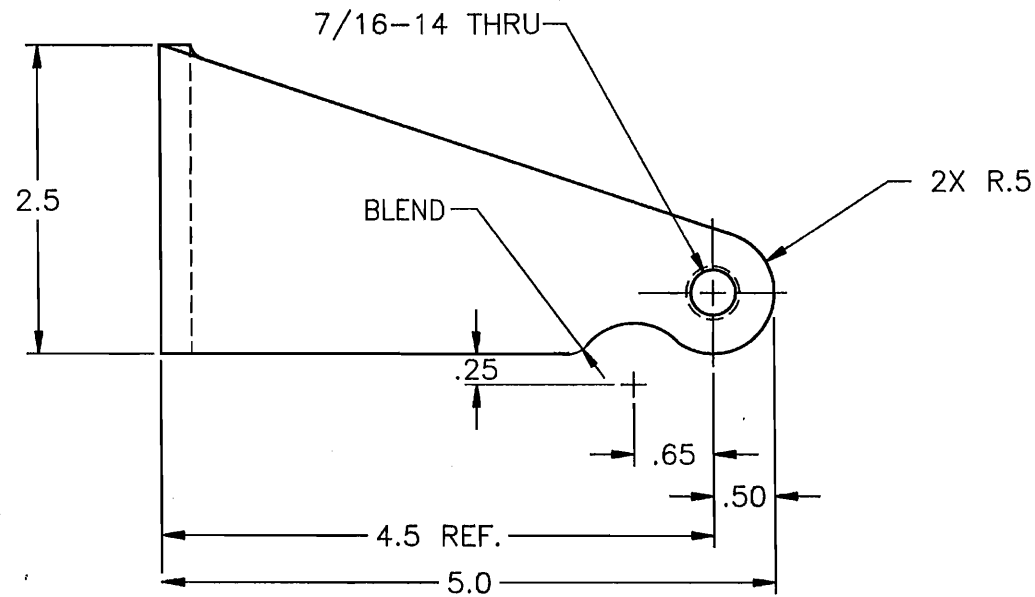
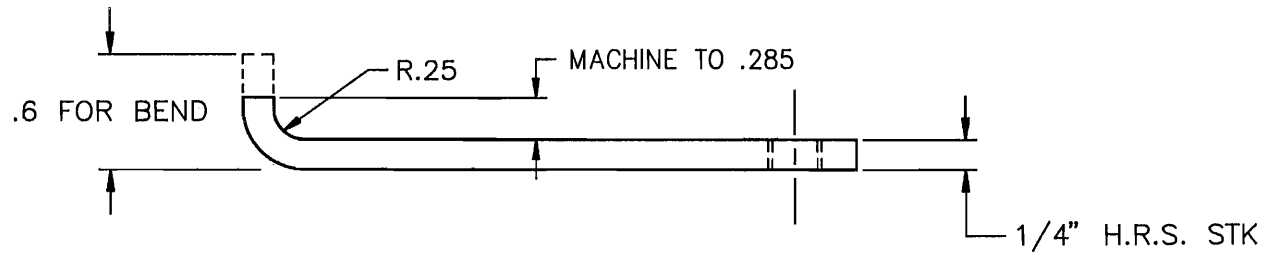
60209-2

MATL: CRS
FINISH: BLK. OXIDE

MATES WITH 60210
MATCH BROACH & KEY

		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 455-5952	
APPROVALS		DATE	TITLE:
PROJECT DESIGNER Dmitri M. BrilTopf		12/13/91	LOWER SPROCKET ARM-LEG MACHINE, MOD A6000
CHECKER Dmitri M. BrilTopf		12/13/91	SIZE: FSCM NO.:
DRAWN Dmitri M. BrilTopf		12/13/91	DRAWING NO.: 60209
TOLERANCES LINEAR: .002 .010 ANGLES: $\pm 0.5^\circ$ HOLE: .002 CONCENTRICITY: $\pm .005$ FLATNESS: $\pm .005$ ROUNDNESS: $\pm .005$		SCALE:	REV: A1
DO NOT SCALE DRAWING		SCALE:	SHEET: 2 OF 2

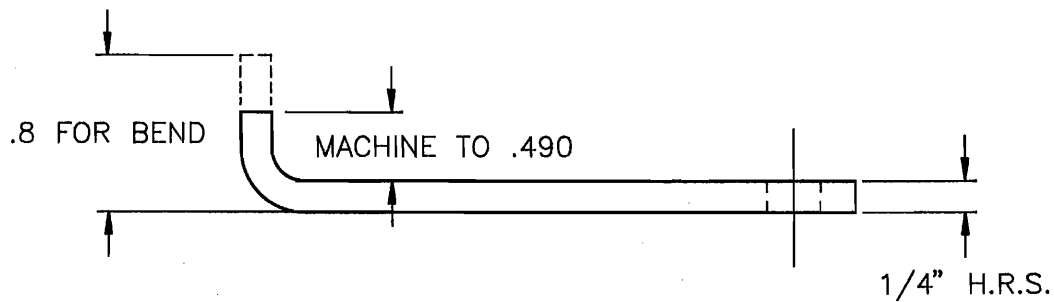
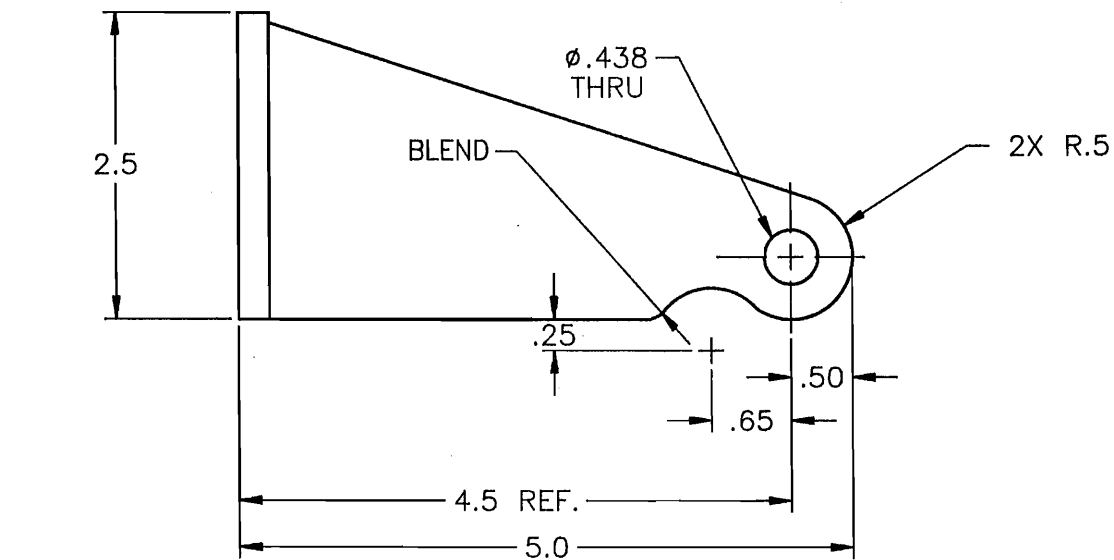
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



MAT'L 1/4" HOT ROLLED STEEL

		ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.B.C.A. 92111 (619) 456-8968	
APPROVALS Desai Sr. #BrlTopf 12/17/91 Desai Sr. #BrlTopf 12/17/91		DATE 12/17/91	TITLE: CYL. BRACKET, LEFT ARM-LEG MACHINE, MOD A6000
TOLERANCES: LINEAR: .008 ANGLES & O.P.: .005 HOLE: .010 CONCENTRICITY: .005 FLATNESS: .005 ROUNDNESS: .005	SCALE: C	FSCM NO.: 60214	DRAWING NO.: 60214
DO NOT SCALE DRAWING		SCALE: 1:1	SHEET: 1 OF 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



MAT'L 1/4" HOT ROLLED STEEL

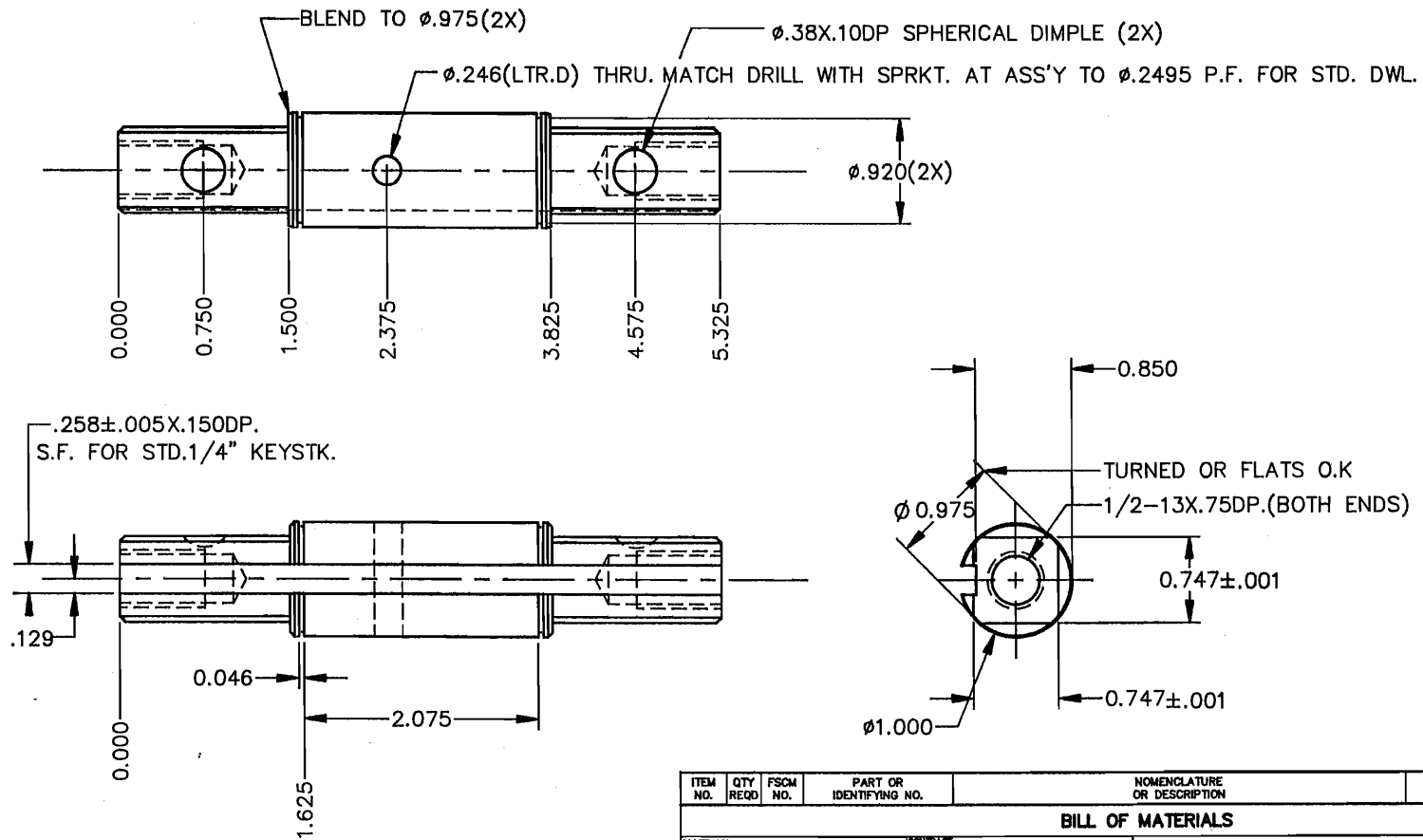
		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 456-5852	
APPROVALS		DATE	TITLE
		12/12/01	CYL BRACKET, RIGHT ARM-LEG MACHINE, MOD A6000
TOLERANCES		SIZE	DRAWING NO.
LINEAR .010	ANGLES & R'S .010	C	60215
CHAMFERS .005	CONCENTRICITY & POS .005	SCALE	REV.
.0005 & .005	FLATNESS & POS .005	DO NOT SCALE DRAWING	1
.0005 & .005	ROUNDNESS & POS .005	SCALE	1

DRAWING #:

SHEET: 1
REV.: A1

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	A1	OVERALL DESIGN REVIEW	4/1/91	WEISKOPF



—NOTES—
 MAT'L: JORGENSEN FATIGUE PROOF GRND. O.D TO $\phi 0.999$
 FINISH: 16 R.M.S OR BETTER
 FINAL: TIN COAT

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			TITLE:		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			APPROVALS		
TOLERANCES:			DATE		
LINEAR: .XXX ± .005			CAD OPERATOR: Paul R Weiskopf		
ANGLES: ± 0.5°			DATE: 11/91		
CONCENTRICITY: ± .005			DRAWN: Paul R Weiskopf		
FLATNESS: ± .005			DATE: 11/91		
ROUNDNESS: ± .005			APPROVED: Paul R Weiskopf		
DATE: 11/91			DATE: 11/91		
NEXT ASSY. USED ON			SIZE: FSCM NO. B		
APPLICATION			DRAWING NO. 6012-001		
			REV: A1		
			SCALE: DO NOT SCALE DRAWING		
			CAD FILENAME: 6012-001.DWG		
			SHEET: OF:		

ARIEL LIFE SYSTEMS

SPROCKET SHAFT, UPPER

DRAWING NO. 6012-001

REV: A1

SCALE: DO NOT SCALE DRAWING

CAD FILENAME: 6012-001.DWG

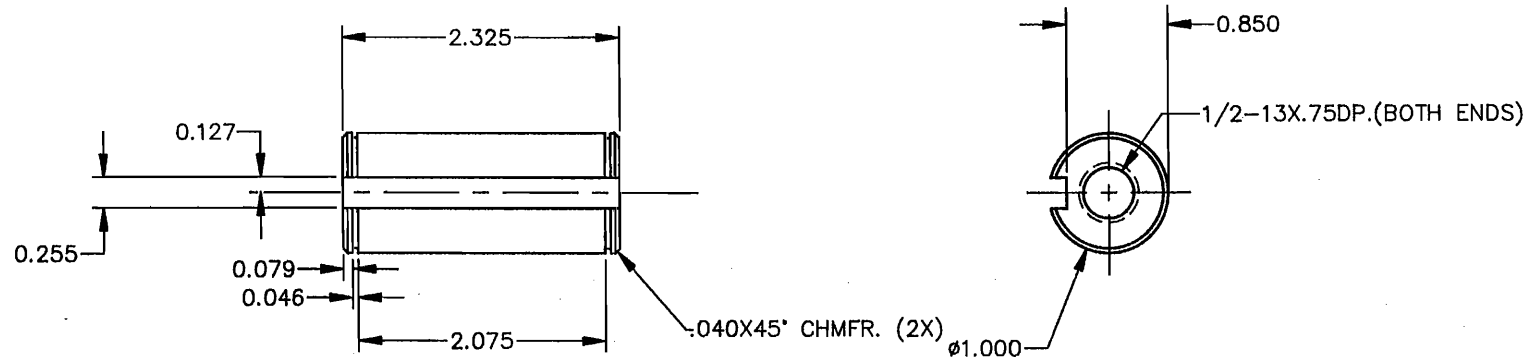
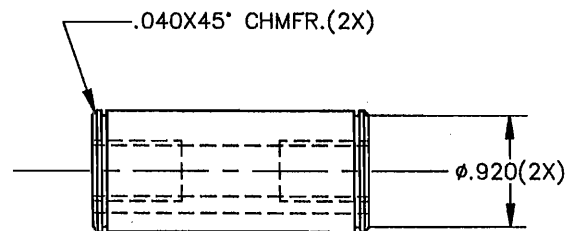
SHEET: OF:

DRAWING #:

SHEET: REV.:

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

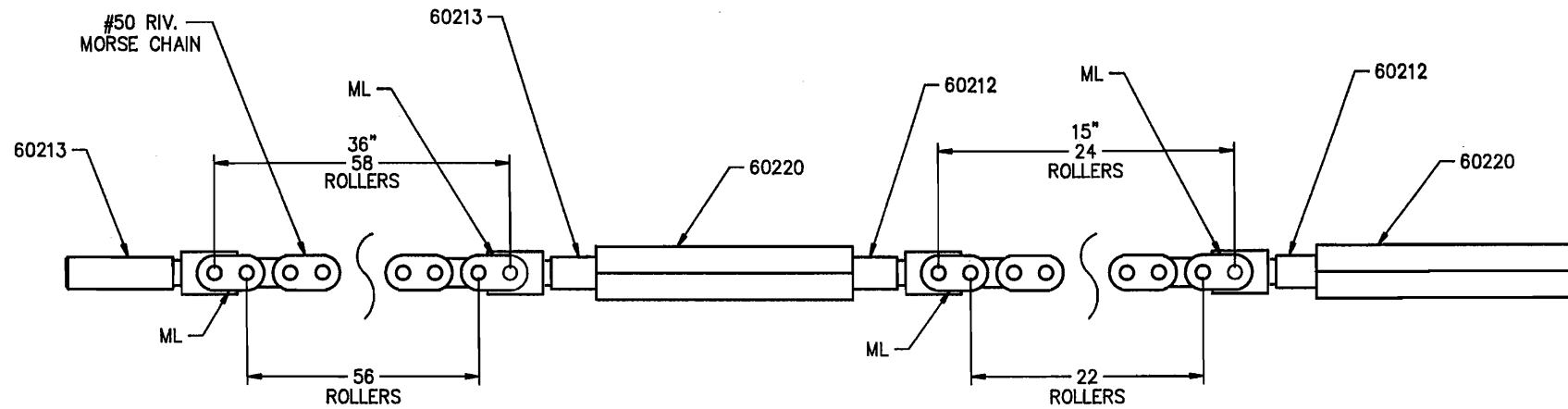


ITEM NO.	QTY	FSCM RECD NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			TITLE: ARIEL LIFE SYSTEMS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			APPROVALS		
TOLERANCES:			DATE		
LINEAR:			PROJECT ENGINEER		
.XX± .005			Paul R. Briffopf		
.XXX± .001			CHECKED		
.XXX± .0005			Paul R. Briffopf		
ANGLES: ± 0.5°			APPROVE:		
CONCENTRICITY: ± .005			Paul R. Briffopf		
FLATNESS: ± .005			DATE		
ROUNDNESS: ± .005			11/91		
NEXT ASSY. USED ON			SIZE: FSCM NO.: DRAWING NO.: REV.:		
APPLICATION			B 6012-002		
DO NOT SCALE DRAWING			SCALE: SHEET: OF:		

—NOTES—
 MAT'L: JORGENSEN FATAGUE PROOF
 FINISH: 16 R.M.S OR BETTER
 FINAL: TIN COAT

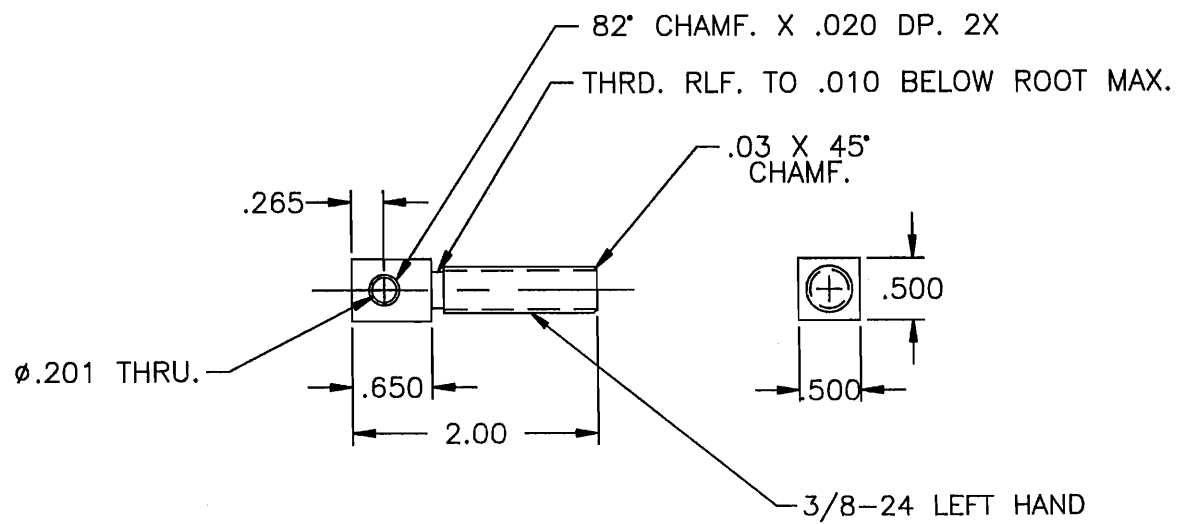
NOTES:

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



				ARIEL LIFE SYSTEMS			
		APPROVALS		DATE		TITLE	
		Desig. E.A. Beth/Topf		12/12/01		CHAIN SUB-ASSEMBLY ARM-LEG MACHINE, MOD A6000	
		Desig. E.A. Beth/Topf		12/12/01		DRAWING NO.: 60221	
		Desig. E.A. Beth/Topf		12/12/01		REV: 1	
<small>TOLERANCES:</small> <small>LINEAR .004 .010</small> <small>ANGLES ± .01°</small> <small>CONCENTRICITY ± .005</small> <small>FLATNESS ± .005</small> <small>ROUNDNESS ± .005</small>		DO NOT SCALE DRAWING		SCALE:		SHEET: 1 OF: 1	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

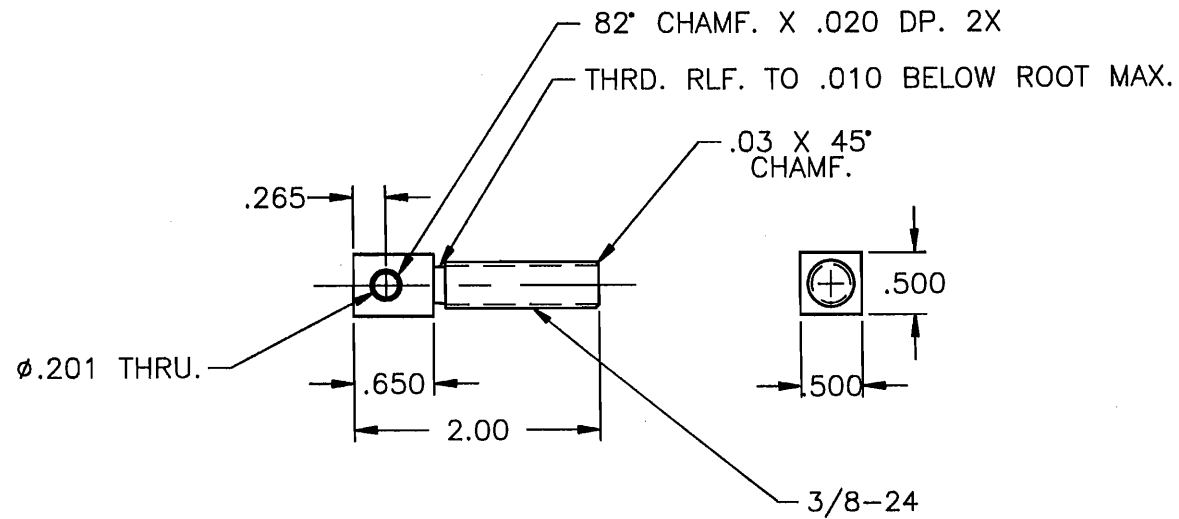


NOTES:

MAT'L: TOOL STEEL
 FINISH: BLACK OXIDE
 3/8-24 LEFT HAND NUT, 2 REQ'D

		ARIEL LIFE SYSTEMS	
		APPROVALS	DATE
		Desf. M. Bcl/Topf	12/13/21
		Desf. M. Bcl/Topf	12/13/21
		Desf. M. Bcl/Topf	12/13/21
<small>TOLERANCES: LINEAR: .010 ANGLES & O.F: .005 HOLE: .005 CONCENTRICITY: .005 FLATNESS: .005 ROUNDNESS: .005</small>		<small>SIZE: C</small> <small>FSM NO.:</small> <small>DRAWING NO.:</small>	<small>REV:</small> 60213 A1
DO NOT SCALE DRAWING		SCALE:	<small>FILE NO.:</small> 00212.DWG <small>SHEET:</small> 1 OF 1

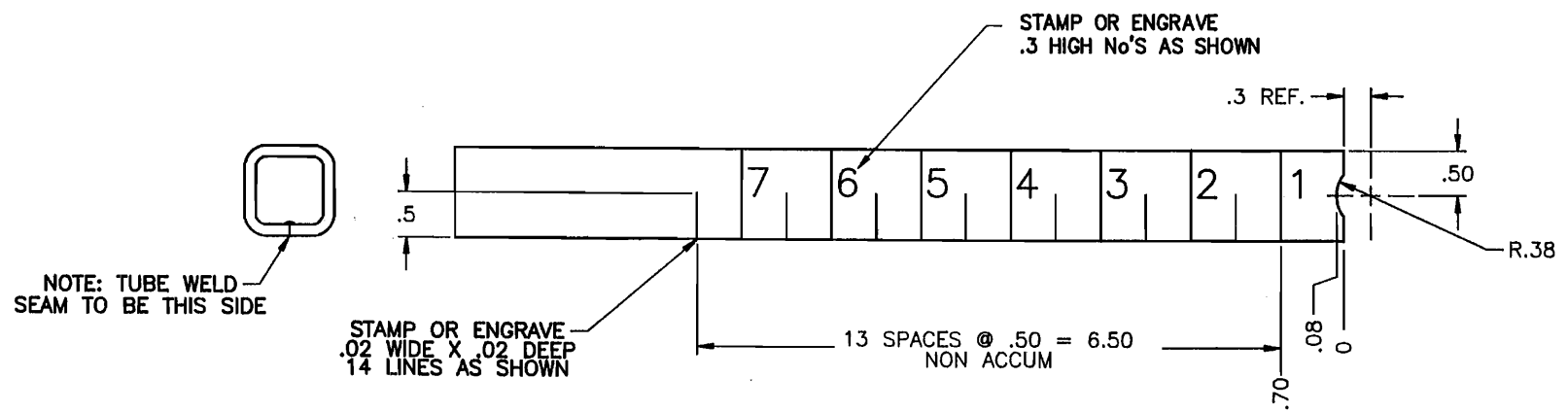
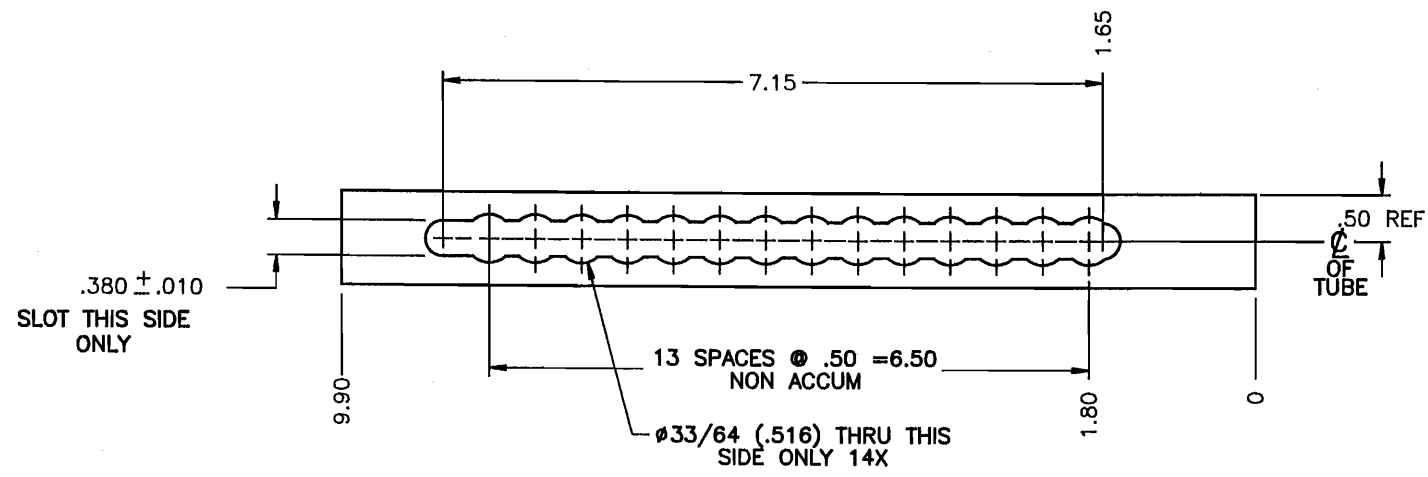
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES:
 MAT'L: TOOL STEEL
 FINISH: BLACK OXIDE
 3/8-24 NUT, 2 REQ'D

		ARIEL LIFE SYSTEMS	
APPROVALS		DATE	TITLE
Desig. R. B. SchTopf		12/13/71	CHAIN ADJUSTER ENDLINK (RH)
CHECKED			ARM-LEG MACHINE, MOD A6000
Desig. R. B. SchTopf		12/13/71	
DRAWN		SIZE	FSCM NO.
Desig. R. B. SchTopf		C	
TOLERANCES:		DRAWING NO.	REV.
LINEAR	.010	60212	A1
ANGLES & D.P.	.005	SCALE:	
CONCENTRICITY & .005		DO NOT SCALE DRAWING	
PLATNESS & .005		DWG. FILE NO.	60212.DWG
ROUGHNESS & .005		SHEET:	1
		OF:	1

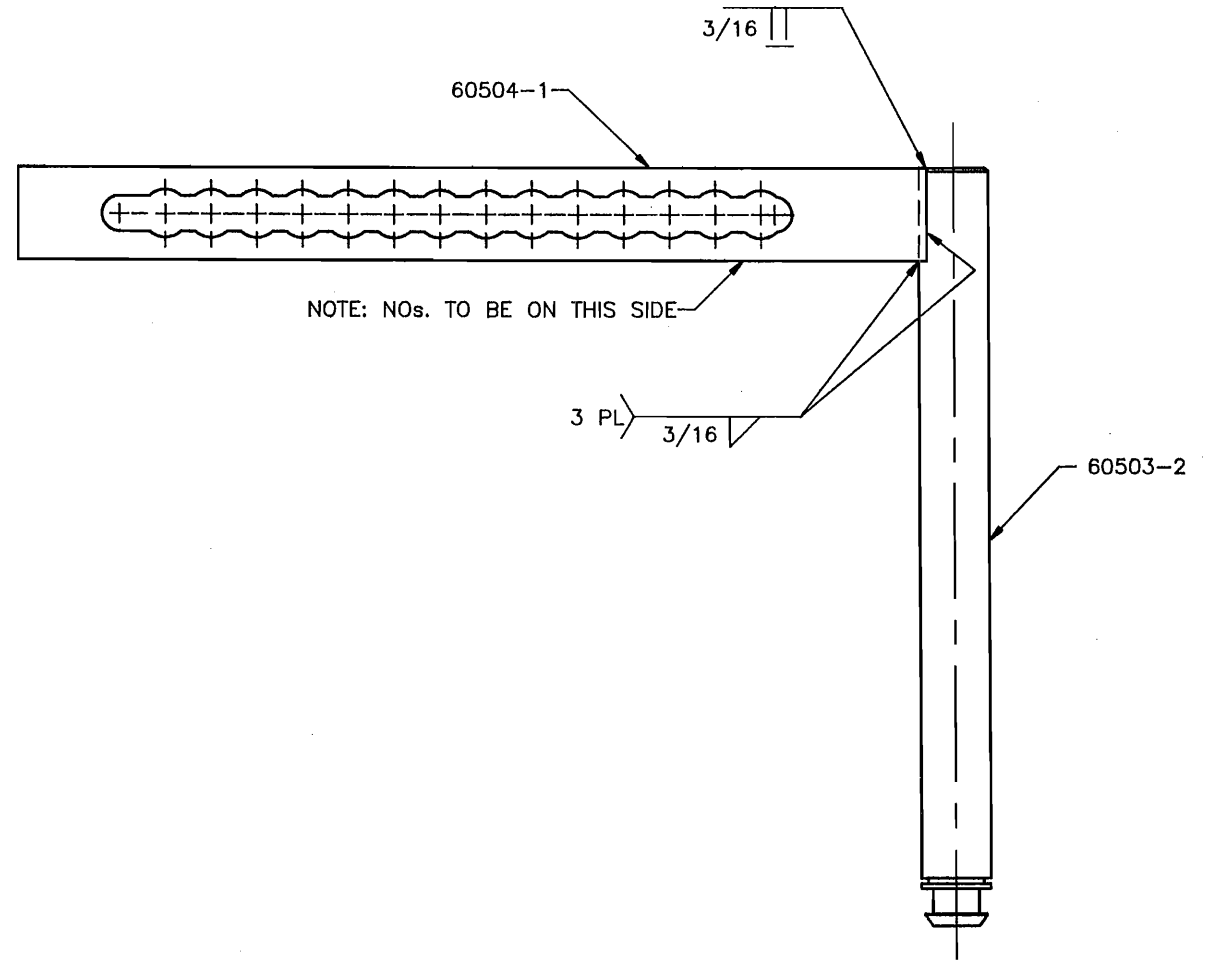
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



MAT'L TUBE 1" SQ. X .125 WALL STEEL WELDED 1 PER MACHINE

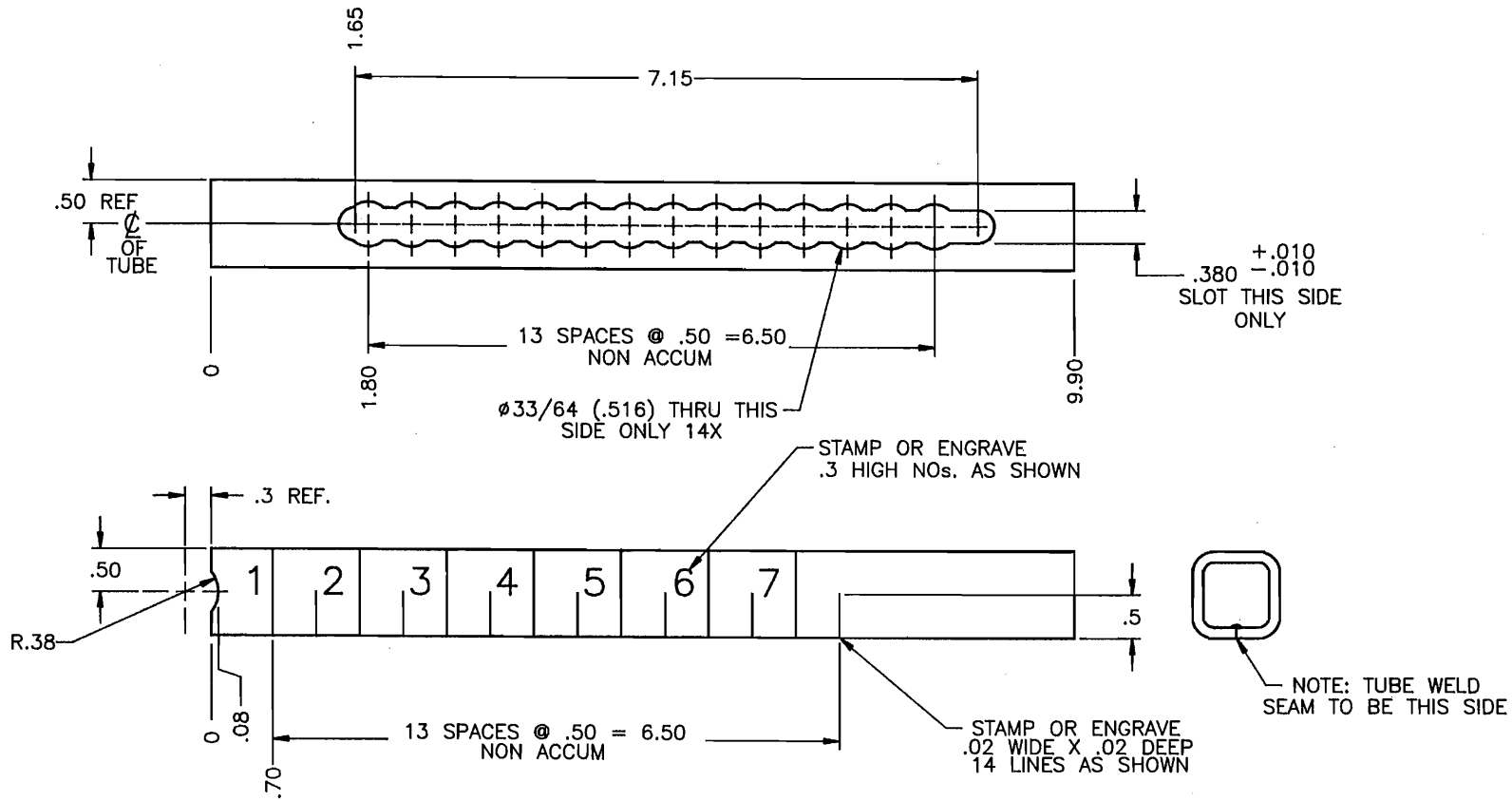
		ARIEL LIFE SYSTEMS	
	APPROVALS	DATE	TITLE
	Paul M. Bliffert	12/12/91	LOWER ARM, RIGHT
	Paul M. Bliffert	12/12/91	ARM-LEG MACHINE, MOD A6000
TOLERANCES UNLESS OTHERWISE SPECIFIED	ANGLES ± 0.5° DILAT. ± .005 FLATNESS ± .005 ROUNDNESS ± .005	SIZE	FSCM NO.: DRAWING NO.: REV.:
		C	60504
DO NOT SCALE DRAWING	SCALE:	REV.:	60504-1.DWG SHEET: 1 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



		ARIEL LIFE SYSTEMS		
		APPROVALS	DATE	TITLE
		<i>Paul M. Seltzer</i>	2/12/91	LOWER ARM, RIGHT
		<i>Paul M. Seltzer</i>	2/12/91	ARM-LEG MACHINE, MOD A6000
		<i>Paul M. Seltzer</i>	2/12/91	FSCM NO: DRAWING NO: 60504
		<i>Paul M. Seltzer</i>	2/12/91	SCALE: SHEET: 2 OF 2
TOLERANCES: LINEAR .008 ANGLES & O.P. CONDUCTIVITY ±.008 .008 .008 FLATNESS ±.008 .008 .008 ROUNDNESS ±.008		DO NOT SCALE DRAWING FILE NO: 60504-2.DWG		

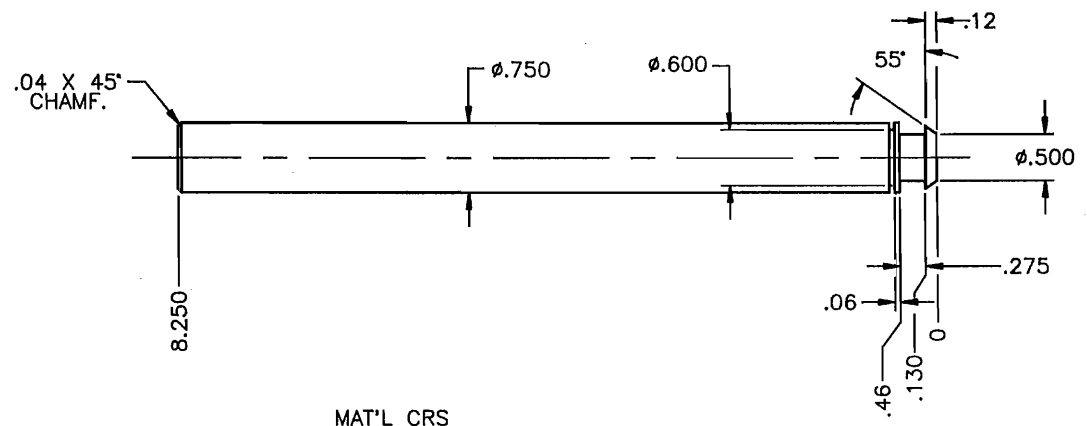
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



MAT'L TUBE 1" SQ. X .12 WALL STEEL WELDED 1 PER MACHINE

				ARIEL LIFE SYSTEMS			
APPROVALS		DATE	TITLE:				
Desig. Engr. <i>[Signature]</i>		12/12/81	LOWER ARM, LEFT				
Desig. Engr. <i>[Signature]</i>		12/12/81	ARM-LEG MACHINE, MOD A6000				
Desig. Engr. <i>[Signature]</i>		12/12/81	SIZE: C	FSCM NO.:	DRAWING NO.:	REV.:	
Desig. Engr. <i>[Signature]</i>		12/12/81			60503		
TOLERANCES: LINEAR: .015 ANGLES & R.F. CONCENTRICITY: .005		DO NOT SCALE DRAWING		SCALE:	SHEET: 1 OF: 3		
HOLE: .005 FLATNESS: .005							
EDGE: .005 ROUNDNESS: .005							

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



MAT'L CRS
2 PER MACHINE

APPROVALS		DATE	TITLE	
DESIGNED BY: <i>W. Schreff</i>		12/12/01	LOWER ARM, LEFT	
DRAWN BY: <i>W. Schreff</i>		12/12/01	ARM-LEG MACHINE, MOD A6000	
CHECKED BY: <i>W. Schreff</i>		12/12/01	SIZE: C	DRAWING NO.: 60503
APPROVED BY: <i>W. Schreff</i>		12/12/01	SCALE:	SHEET: 2 OF 3
TOLERANCES: LINEAR: .005 ANGLES: $\pm 0.5^\circ$ HOLE: .010 CONCENTRICITY: $\pm .005$ FLATNESS: $\pm .005$ ROUNDNESS: $\pm .005$		DO NOT SCALE DRAWING		

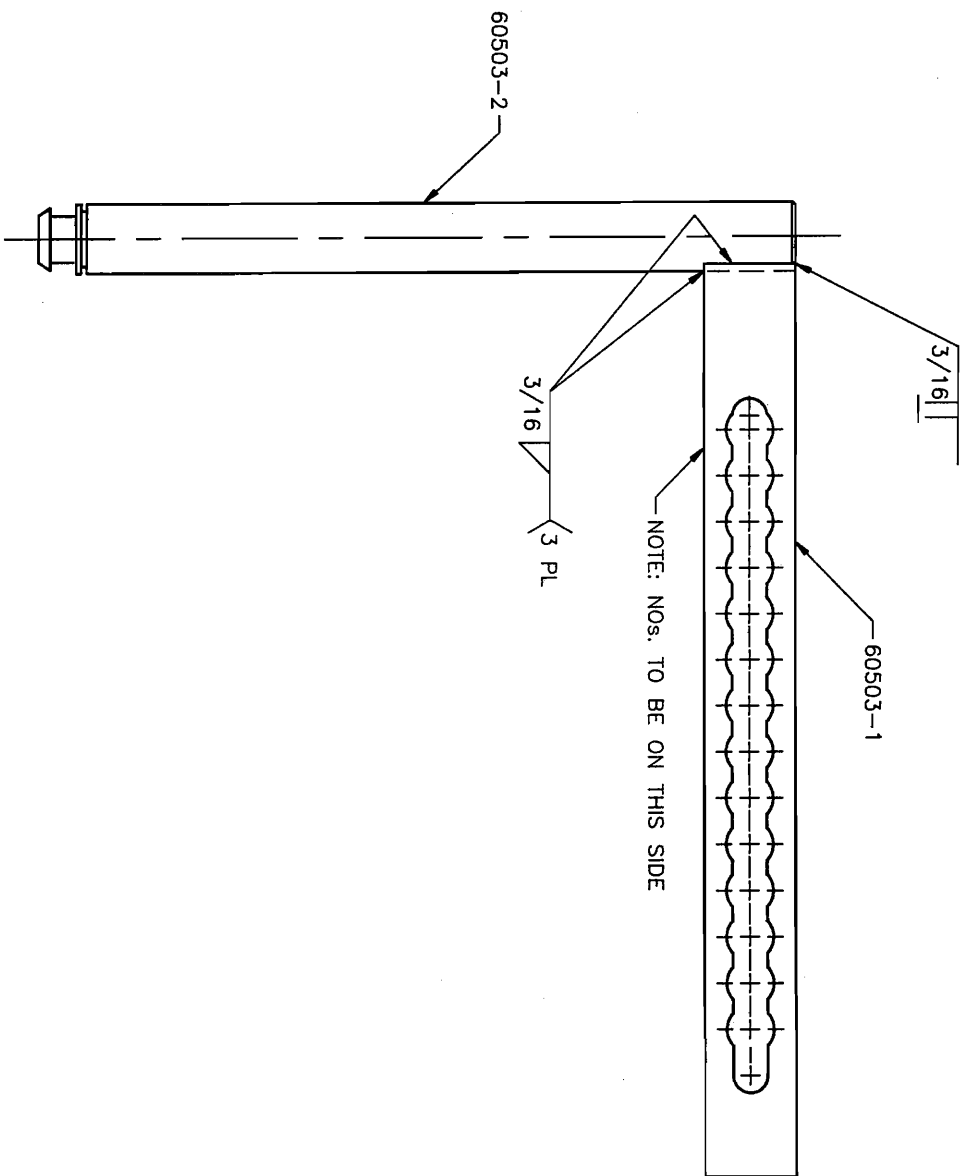
ARIEL LIFE SYSTEMS

LOWER ARM, LEFT
ARM-LEG MACHINE, MOD A6000

DRAWING NO.: 60503

SHEET: 2 OF 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



APPROVALS				DATE	TITLE
				12/12/21	LOWER ARM, LEFT
				12/12/21	ARM-LEG MACHINE, MOD A6000

ARIEL LIFE SYSTEMS

FORM 0000-3-DWG SHEET: 3 OF 3

DO NOT SCALE DRAWING

SCALE: C

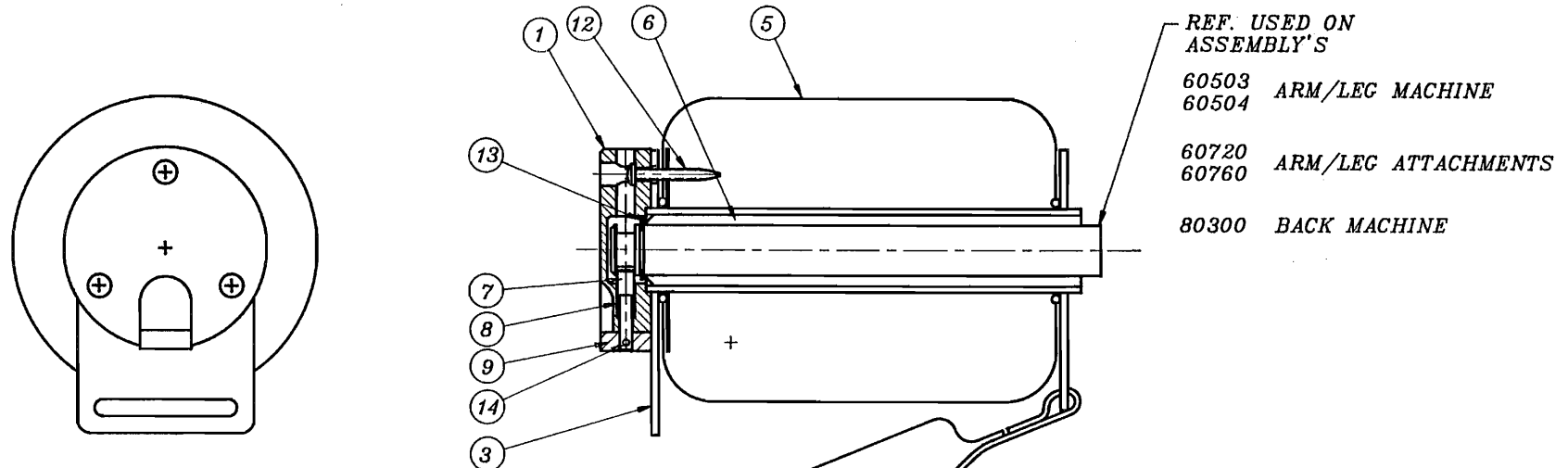
BRAND NO.: 60503

REV:

DATE:

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND DECIMALS THEREOF. DIMENSIONS ARE TO BE HIDDEN UNLESS OTHERWISE SPECIFIED.

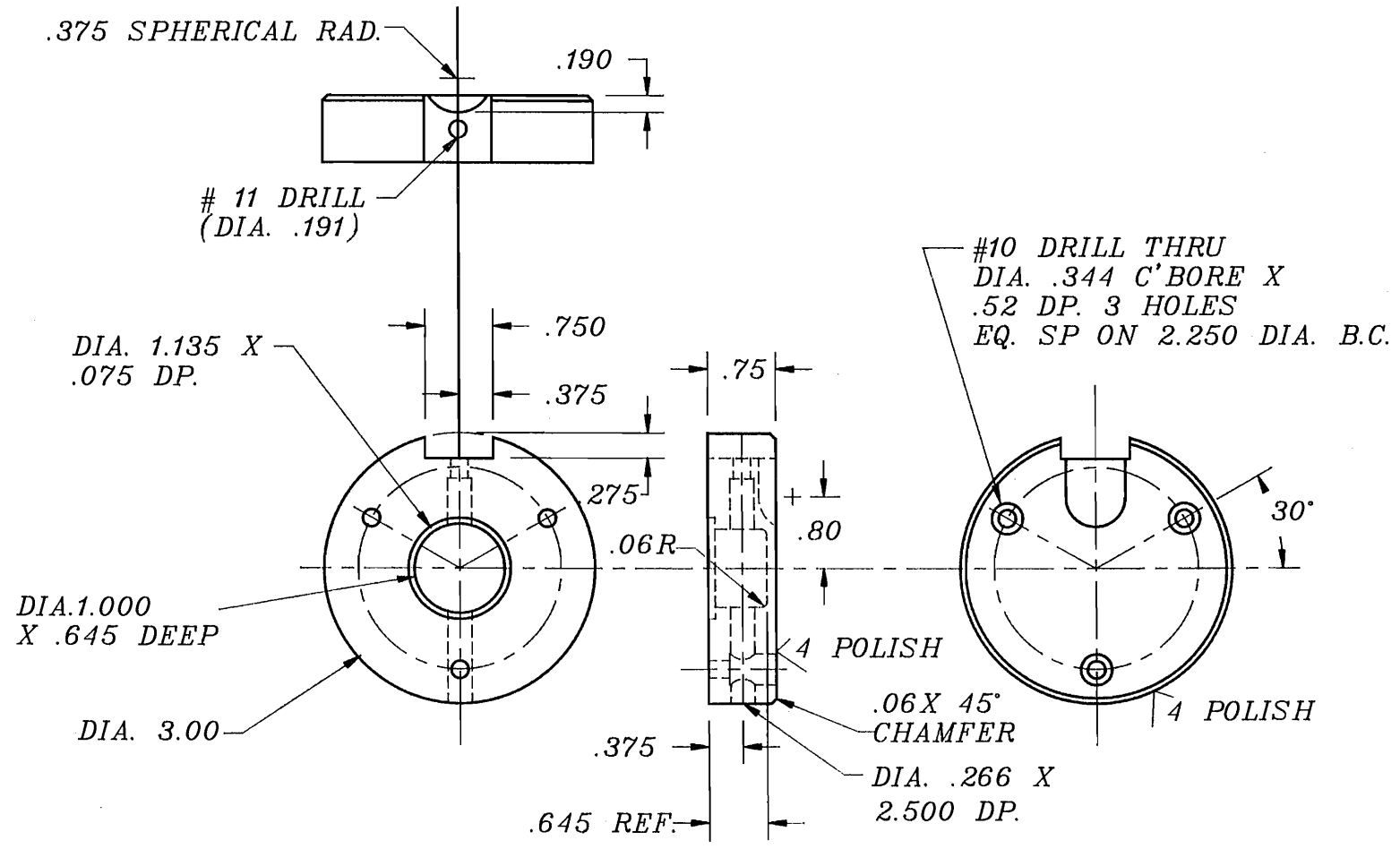
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



14	1	ROLL PIN DIA. .094 X 3/4" LG BLACK
13	1	SNAP RING 3/4" EXTERNAL
12	3	SCREW SHEET METAL #8 X 1.25 LG. PHILLIPS HD. CAD PLATE

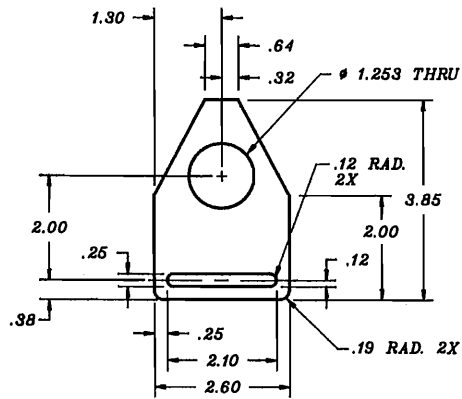
ITEM	QTY	BILL OF MATERIALS
		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.C.A. 92121 (619) 456-5952
APPROVALS		DATE
HEWITT		11/91
TITLE		LEG PAD ASS'Y.
SIZE		C
DRAWING NO.		60510
SHEET		1 OF 5
DO NOT SCALE DRAWING		SCALE:

UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 LINEAR: .015 ANGLES: ± 0.1°
 HOLE: .005 CONCENTRICITY: ± .005
 .0025 FLATNESS: ± .005
 .00025 ROUNDNESS: ± .005

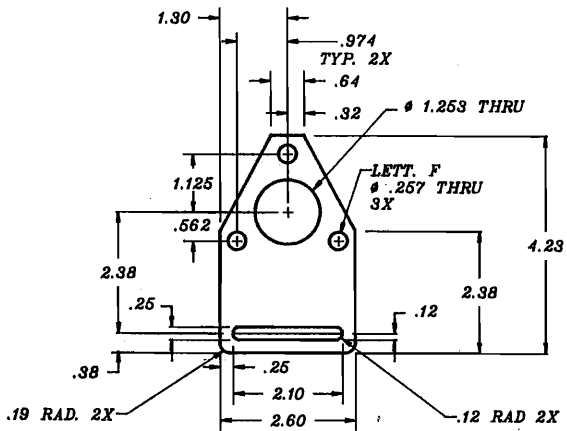


1 MAT'L. 6061-T6 ALUMINUM
 2 REQ'D. PER ASSEMBLY
 CLEAR ANODIZE

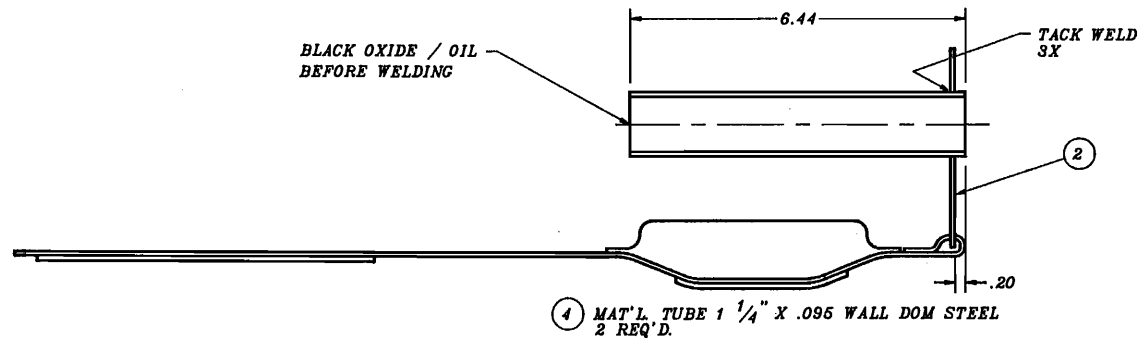
FINISH 	ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.C.A. 92121 (619) 456-5862	
	APPROVALS HEWITT	DATE 11/91
TOLERANCES: LINEAR: .015 ANGLES: ± 0.1° CONCENTRICITY: ± .005 HOLE: .005 FLATNESS: ± .005 ROUNDNESS: ± .005	APPROVED:	SIZE: C FSCM NO.: DRAWING NO.: 60510 REV: A
DO NOT SCALE DRAWING		SCALE: SHEET: 2 OF:



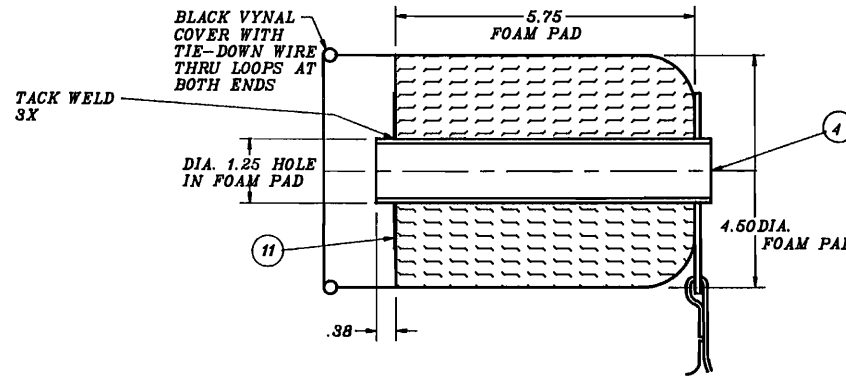
② MAT'L. C.R. STEEL 12 GA. (.108)
FINISH BLACK OXIDE/OIL
1 REQ'D.
32 TUMBLE/DEBUR



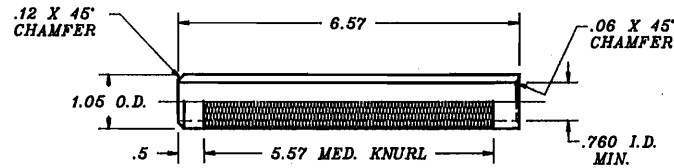
③ MAT'L. C.R. STEEL 12 GA. (.108)
FINISH BLACK OXIDE/OIL
1 REQ'D.
32 TUMBLE/DEBUR



④ MAT'L. TUBE 1 1/4" X .096 WALL DOM STEEL
2 REQ'D.

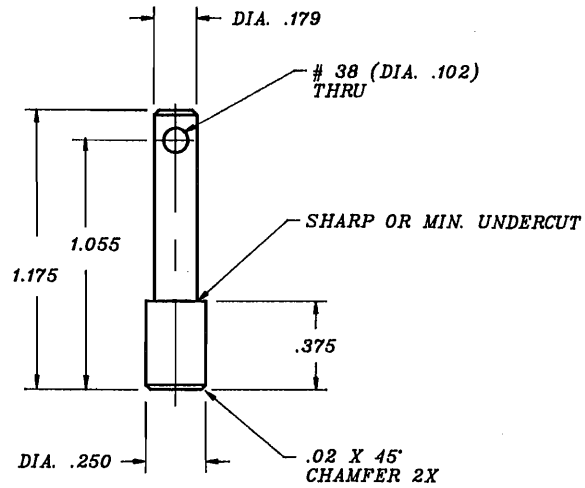


⑤ MAT'L. ITEMS 4 & 11 AND FOAM PAD. SPEC # _____
1 REQ'D.

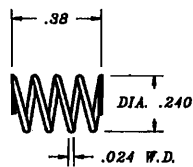


⑥ MAT'L. 3/4" PIPE, PVC (GREY) EXTRA STRONG 1.05 NOM. O.D.
1 REQ'D.

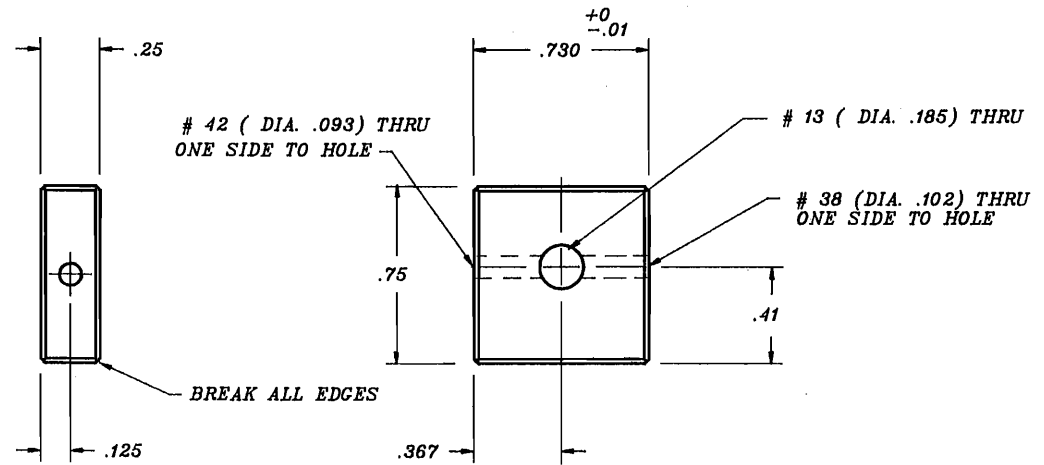
FINISH		APPROVALS		DATE	TITLE:	
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES		HEWITT		11/91	ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.CA. 92121 (619) 485-5982	
TOLERANCES		DRAWN		APPROVED	SIZE: FSCM NO.:	DRAWING NO.:
LINEAR	ANGLES & O.P.				C	60510
.008 .010	CONCENTRICITY ± .005				SCALE:	REV.:
.0008 .008	FLATNESS ± .005				DO NOT SCALE DRAWING	A
.0004 .0005	ROUGHNESS ± .005				SCALE: 60510	SHEET: 3 OF:



7 MAT'L. C.R. STEEL
1 REQ'D.
SCALE 2X
32

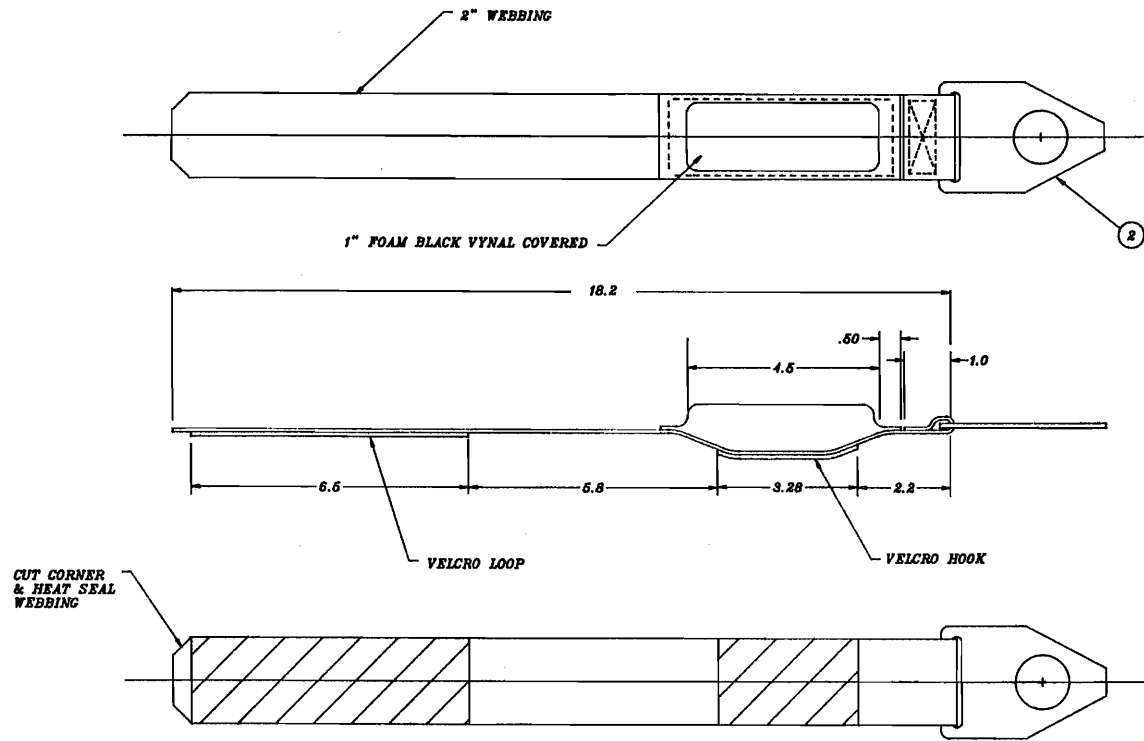


8 MAT'L. COMPRESSION SPRING LEE # LC-024C-1
1 REQ'D.

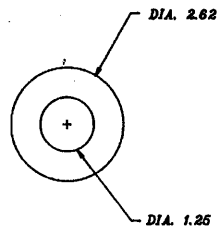


9 MAT'L. 6061-T6 ALUMINUM OR EQUAL
1 REQ'D.
FINISH: BLACK ANODIZE
32

		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 455-5852	
APPROVALS	DATE	TITLE	
HEWITT	11/81	LEG PAD ASS'Y.	
DESIGNER		SIZE: FSCM NO.:	DRAWING NO.:
APPROVER		C	60510
TELEHANDLER	ANGLE: & 0.5°	SCALE:	SHEET: 4 OF 1
LINEAR	XXX .010 CONCENTRICITY & .005	DO NOT SCALE DRAWING	
XXX & .005 FLATNESS & .005			
XXXXX .0005 ROUNDNESS & .005			



10 FOOT STRAP SUB-ASSY
1 REQ'D.



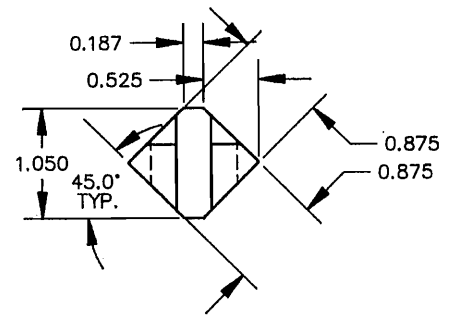
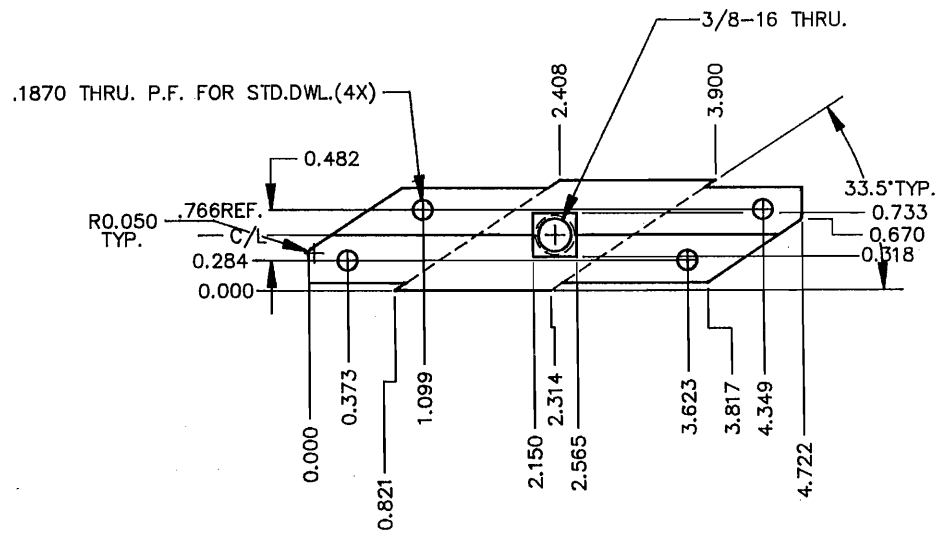
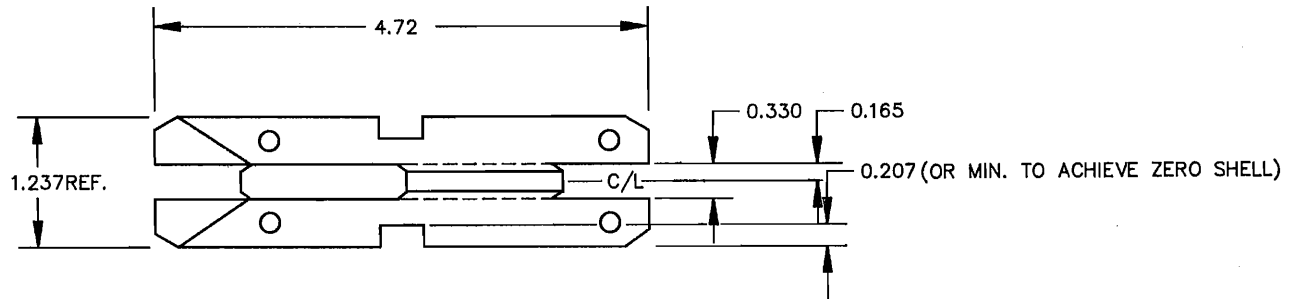
11 MAT'L 16 GA. (.0698) THK SHEET STEEL
1 REQ'D.

APPROVALS		DATE	TITLE	
HEWITT		6/91	LEG PAD ASS'Y.	
DRAWN		C	SIZE	DRAWING NO.
TOLERANCES		UNLESS OTHERWISE SPECIFIED	3/4	60510
LINEAR	.005	ANGLES & R'S		
CONCENTRICITY	.005			
FLATNESS	.005			
ROUGHNESS	.005			
DO NOT SCALE DRAWING			SCALE:	SHEET: 5 OF:

ARIEL LIFE SYSTEMS INC.
10110 SORRENTO VALLEY RD.
S.D., CA. 92121 (818) 455-5952

REVISIONS
REV. 1
A

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	BOLT CLRNC. ADDED.	7/91	WEISKOPF
	A2	DIM. .482 WAS .478	7/91	WEISKOPF



—NOTES—
 MAT'L: .875 SQR. C.R.S.
 FINISH: NONE
 ALL SURFACES TO BE FREE OF BURRS

NOTES:

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL			PARTITION		
FRESH			APPROVALS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES			DATE		
TOLERANCES			DRAWN BY: <i>W. Weiskopf</i>		
LINEAR			DATE: 6/91		
ANGLES ± 0.5°			SIZE: FSCM NO.:		
HOLE ± .010			DRAWING NO.:		
CONCENTRICITY ± .005			6013-007		
FLATNESS ± .005			REV.:		
ROUNDNESS ± .005			A2		
DO NOT SCALE DRAWING			SCALE:		
SHEET: OF:			REV.:		

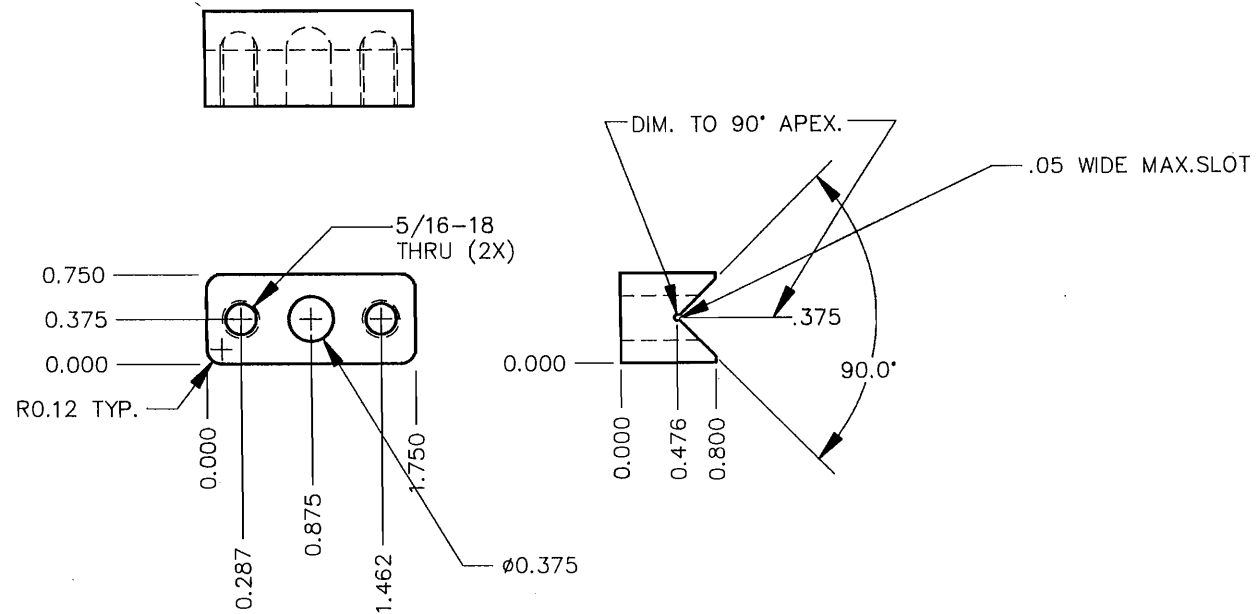
DRAWING # SHEET # REV #

DRAWING #:

SHEET: REV.:

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	ADDED RADII TO CRNRS.	5/23/91	WEISKOPF
	A1	ADDED .05 WIDE SLOT	7/10/91	WEISKOPF



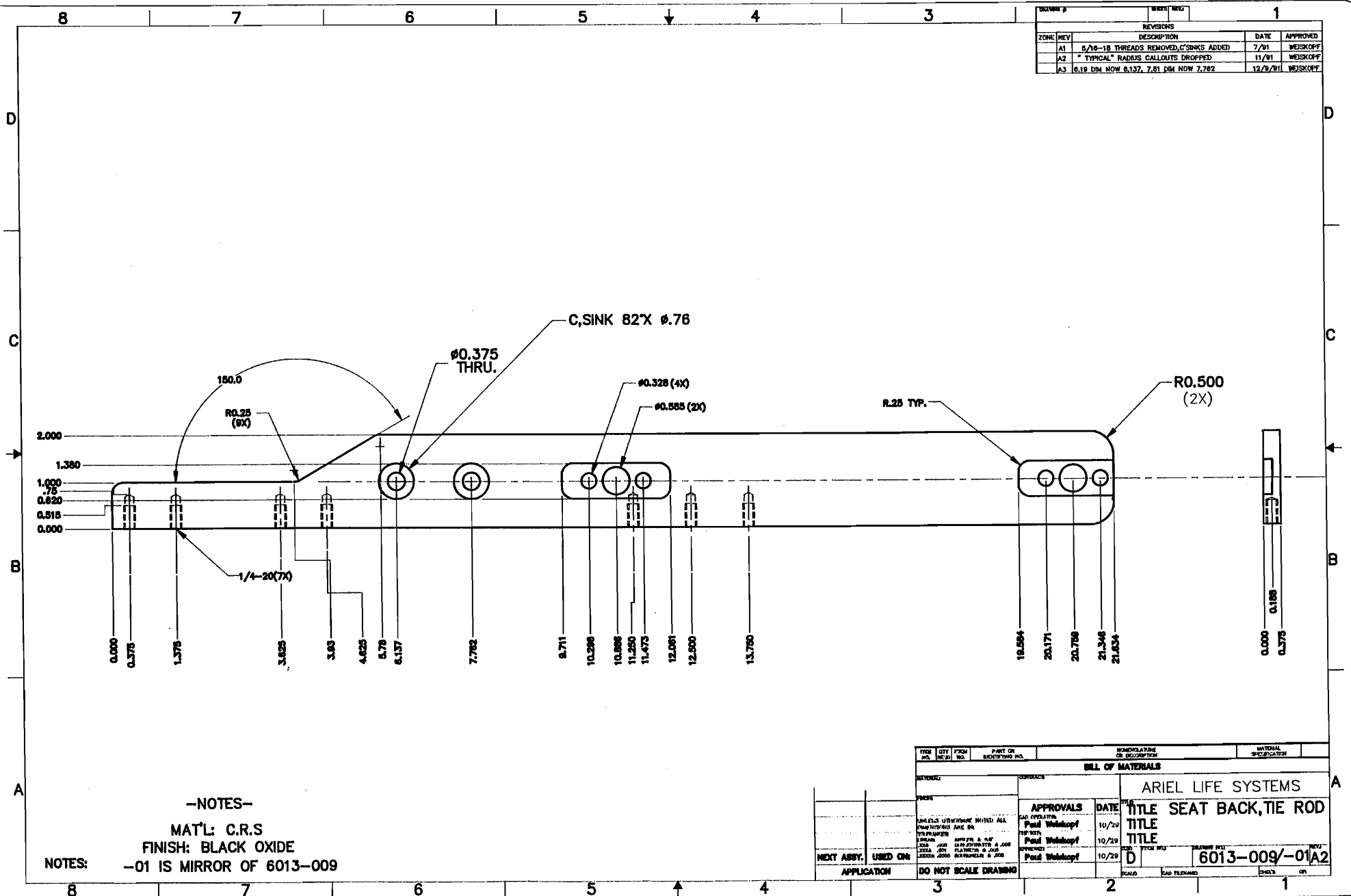
-NOTES-
MAT'L: C.R.S.
FINISH: BLACK OXIDE

NOTES:

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			TITLE: ARIEL LIFE SYSTEMS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			SEAT BACK, GLIDE ATTACH LINK		
TOLERANCES:			APPROVALS		
LINEAR: .XX± .010			DATE		
.XXX± .005			Paul R Weiskopf 6/91		
.XXXX± .0005			CHECKED: Paul R Weiskopf 6/91		
ANGLES: ± 0.5°			APPROVED: Paul R Weiskopf 6/91		
CONCENTRICITY: ± .005			SIZE: B		
FLATNESS: ± .005			FSCM NO.:		
ROUNDNESS: ± .005			DRAWING NO.: 6013-008		
DO NOT SCALE DRAWING			REV.: A1		
SCALE: 1:1			CAD FILENAME: 6013-008.DWG		
SHEET: OF:					

NEXT ASSY.	USED ON	APPLICATION

REVISIONS		DATE	APPROVED
A1	5/18-18 THREADS REMOVED, C'SINKS ADDED	7/91	WEISKOPF
A2	* TYPICAL* RADIIUS CALLOUTS DROPPED	11/91	WEISKOPF
A3	6.19 DIM NOW 6.137, 7.81 DIM NOW 7.762	12/9/91	WEISKOPF



--NOTES--
 MAT'L: C.R.S
 FINISH: BLACK OXIDE
 NOTES: -01 IS MIRROR OF 6013-009

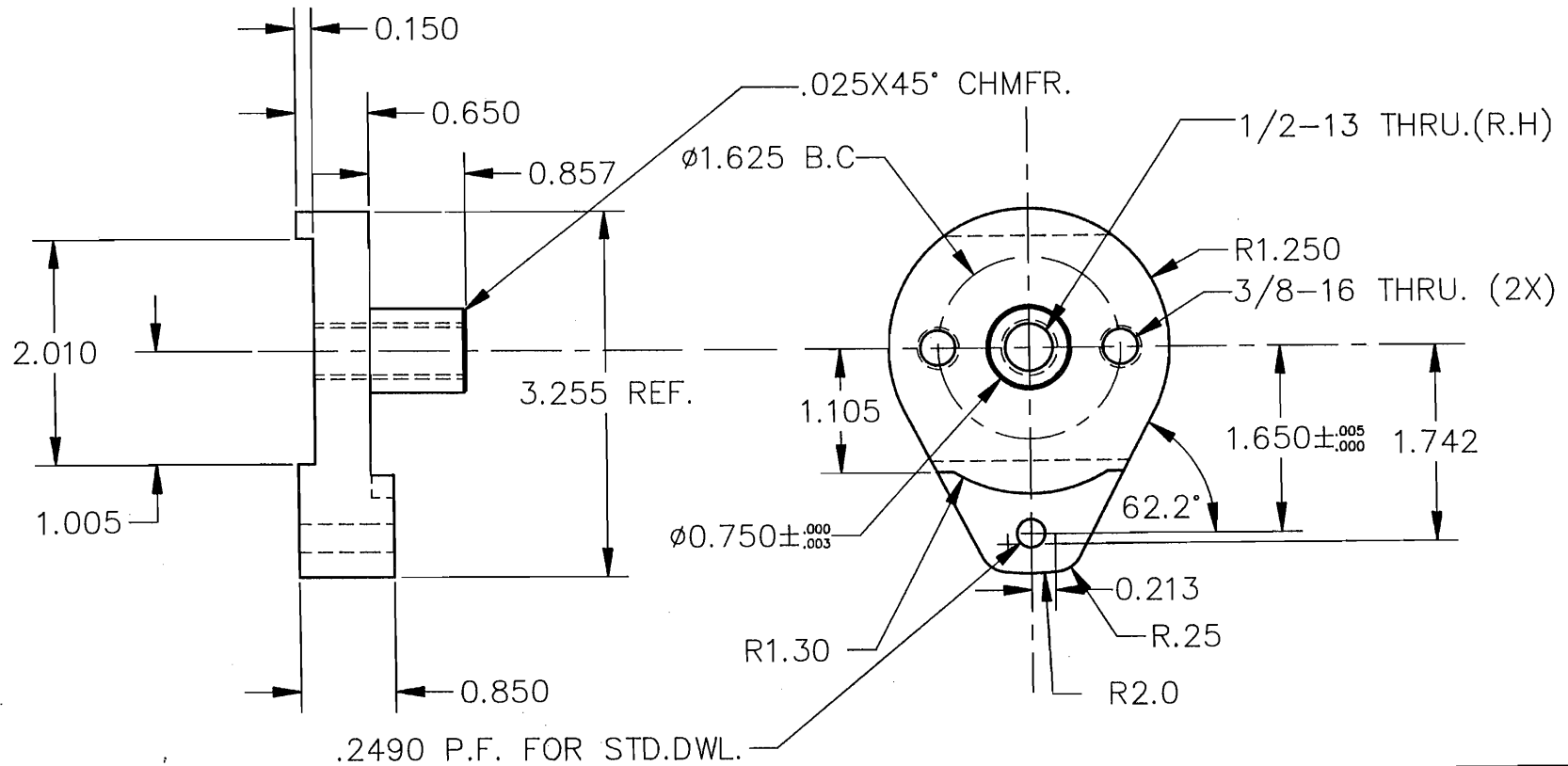
ITEM NO.	QTY	FORM NO.	PART OR EXCITATION NO.	NONPOLARIZING OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIALS			CONTRACT		
PARTS SPECIFIC USE/INSTRUMENT NOTED ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED LINDAN APP FOR 8 & 12 LISA JON LISA JON PLATEMETER & CUS LINDAN JONAS PLATEMETER & CUS			ARIEL LIFE SYSTEMS TITLE SEAT BACK, TIE ROD TITLE TITLE TITLE		
NEXT ASSY.		USED ON:		APPROVALS	DATE
				Paul Weiskopf	10/29
				Paul Weiskopf	10/29
				Paul Weiskopf	10/29
APPLICATION		DO NOT SCALE DRAWING		SCALE	CAD FILENAME
				SCALE	CAD FILENAME

DRAWING #

SHEET: REV.:

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	A3	CHANGED TOL'S ON 1.650	11/27/91	WEISKOPF



-NOTES-

MAT'L: CrMo ALLOY
 FINISH: NICKEL FLASH
 AND HARD CHROME
 ϕ .750 NOT CHROMED,
 THRDS. TO BE PROTECTED
 DURING CHROME.

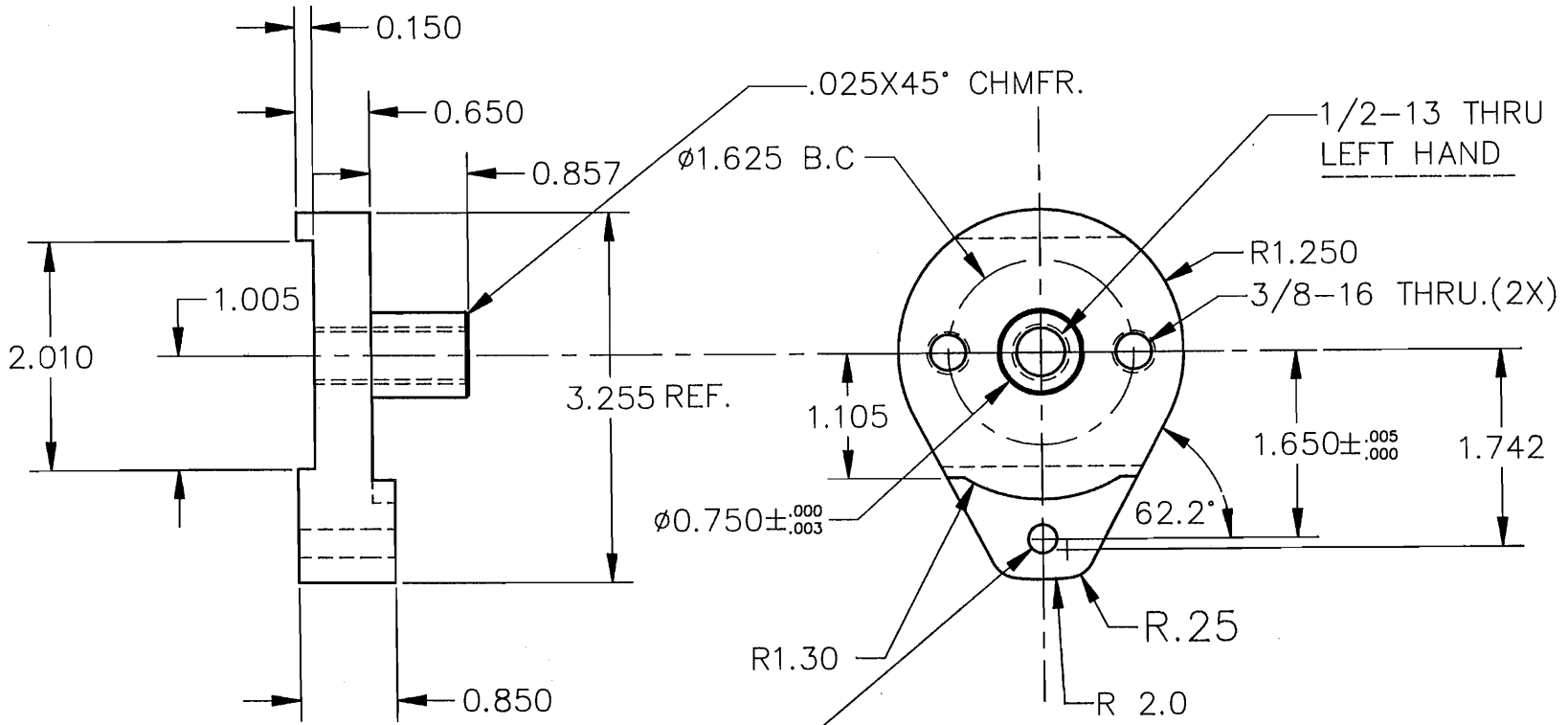
NEXT ASSY.	USED ON	APPLICATION

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
CrMo ALLOY			ARIEL LIFE SYSTEMS		
FINISH: COPPER PLATE, NICKEL FLASH, HARD CHROME AND POLISH.			TITLE: CLUTCH HUB-PIVOT RIGHT SIDE		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			DATE: 4/5/91		
TOLERANCES:			PROJECT ENGINEER: Paul R Weiskopf		
LINEAR: .XX ± .010			CAD OPERATOR: Paul R Weiskopf		
ANGLES: ± 0.5°			DATE: 4/5/91		
CONCENTRICITY: ± .005			SIZE: FSCM NO.: B		
FLATNESS: ± .005			DRAWING NO.: 6013-011		
ROUNDNESS: ± .005			REV.: A3		
DO NOT SCALE DRAWING			SCALE: CAD FILENAME: 6013-011.DWG/BAK		
			SHEET: OF:		

DRAWING #:

SHEET: REV.:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A3	CHANGED TOL'S ON 1.650	11/27/91	WEISKOPF



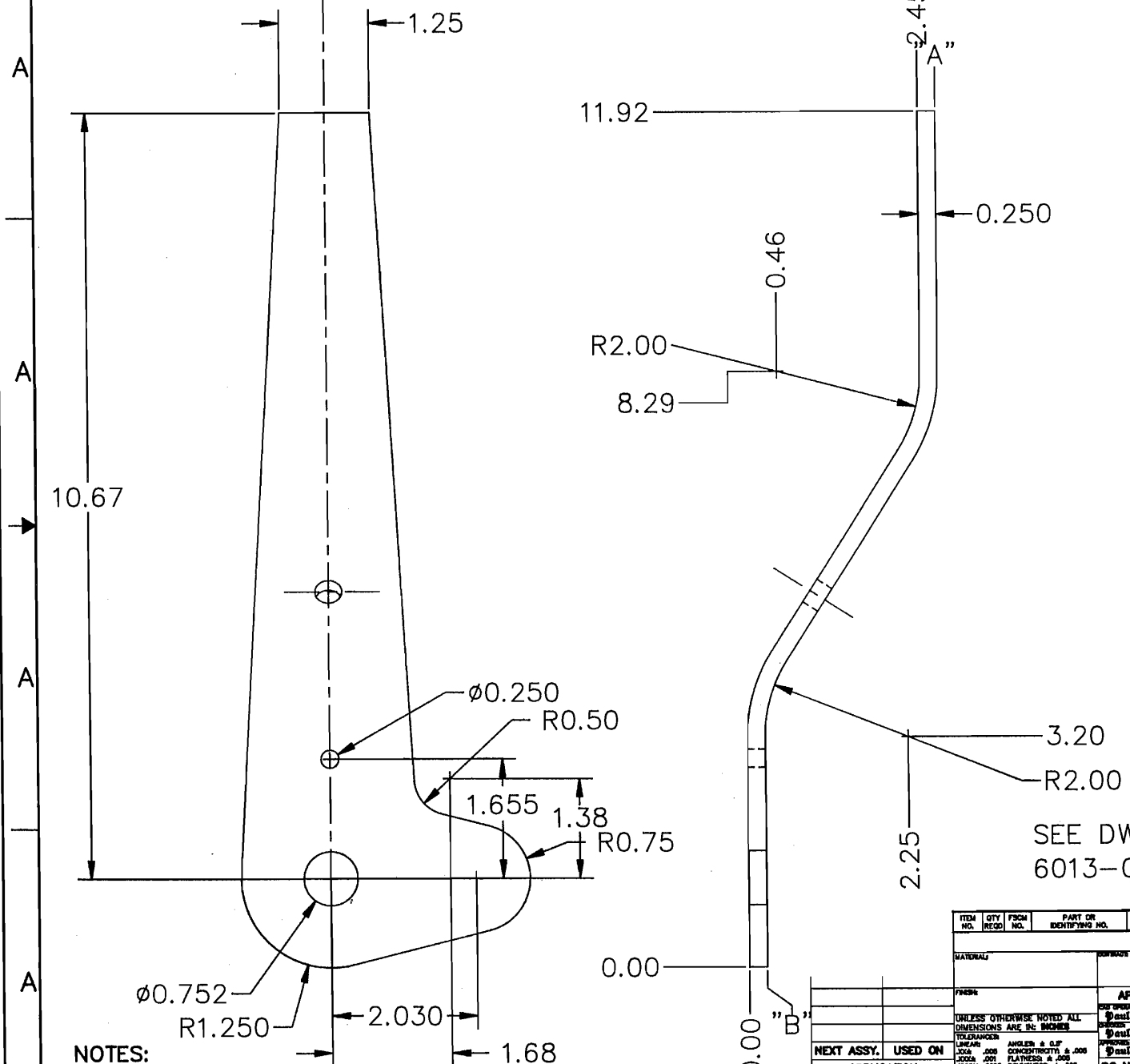
.2490 P.F. FOR STD.DWL.

-NOTES-
 MAT'L: CrMo ALLOY
 FINISH: NICKEL FLASH
 AND HARD CHROME
 Ø.750 NOT CHROMED.
 THRDS. TO BE PROTECTED
 DURING CHROME.

NEXT ASSY.	USED ON	APPLICATION

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			ARIEL LIFE SYSTEMS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			TITLE: CLUTCH HUB-PIVOT LEFT SIDE		
TOLERANCES:			APPROVALS		
LINEAR: .XX± .005			DATE		
.XXX± .001			Paul SR Weistopf 4/5/91		
.XXXX± .0005			Paul SR Weistopf 4/5/91		
ANGLES: ± 0.5°			SIZE: FSCM NO. B		
CONCENTRICITY: ± .005			DRAWING NO. 6013-016		
FLATNESS: ± .005			REV: A3		
ROUNDNESS: ± .005			SCALE: OF:		
DO NOT SCALE DRAWING			CAD FILENAME: 6013-016.DWG/BAK SHEET: OF:		

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



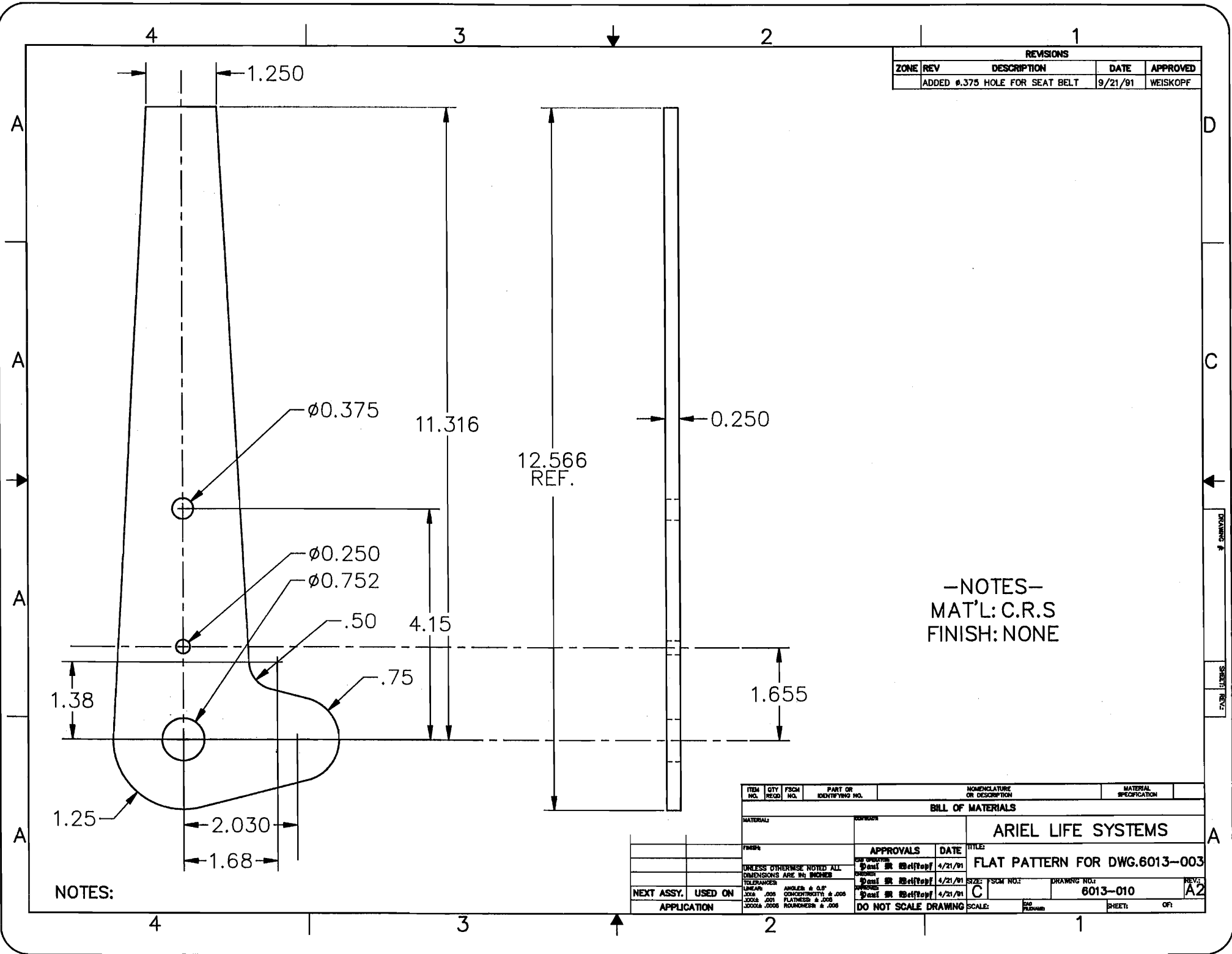
-NOTES-
 MAT'L: CRS.
 SURFACE A//B ± .010
 SEE DWG.6013-010 FOR PATTERN
 6013-003-1 IS LEFT HAND OF-003

NOTES:

ITEM NO.	QTY	FSM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL			PARTS		
ARIEL LIFE SYSTEMS			ARIEL LIFE SYSTEMS		
SEAT BACK PIVOT			SEAT BACK PIVOT		
APPROVALS		DATE		TITLE	
Desig BR Bcl/tpf		4/10/71		ARIEL LIFE SYSTEMS	
Desig BR Bcl/tpf		4/10/71		ARIEL LIFE SYSTEMS	
Desig BR Bcl/tpf		4/10/71		ARIEL LIFE SYSTEMS	
Desig BR Bcl/tpf		4/10/71		ARIEL LIFE SYSTEMS	
NEXT ASSY. APPLICATION		USED ON		DRAWING NO. 6013-003	
				SIZE: C	
				SCALE: 1:1	
				SHEET: 1 OF 1	

DRAWING # 6013-003-1 SHEET 1 OF 1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		ADDED #.375 HOLE FOR SEAT BELT	9/21/91	WEISKOPF



-NOTES-
MAT'L: C.R.S
FINISH: NONE

NOTES:

ITEM NO.	QTY	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			FORMWORK:		
ARIEL LIFE SYSTEMS					
APPROVALS		DATE		TITLE	
[Signature]		4/21/91		FLAT PATTERN FOR DWG.6013-003	
APPROVALS		DATE		SIZE: FSCM NO.:	
[Signature]		4/21/91		C	
APPROVALS		DATE		DRAWING NO.:	
[Signature]		4/21/91		6013-010	
APPROVALS		DATE		REV.:	
[Signature]		4/21/91		A2	
DO NOT SCALE DRAWING					

APPLICATION	USED ON	NEXT ASSY.

DRAWING & SHEET REV.

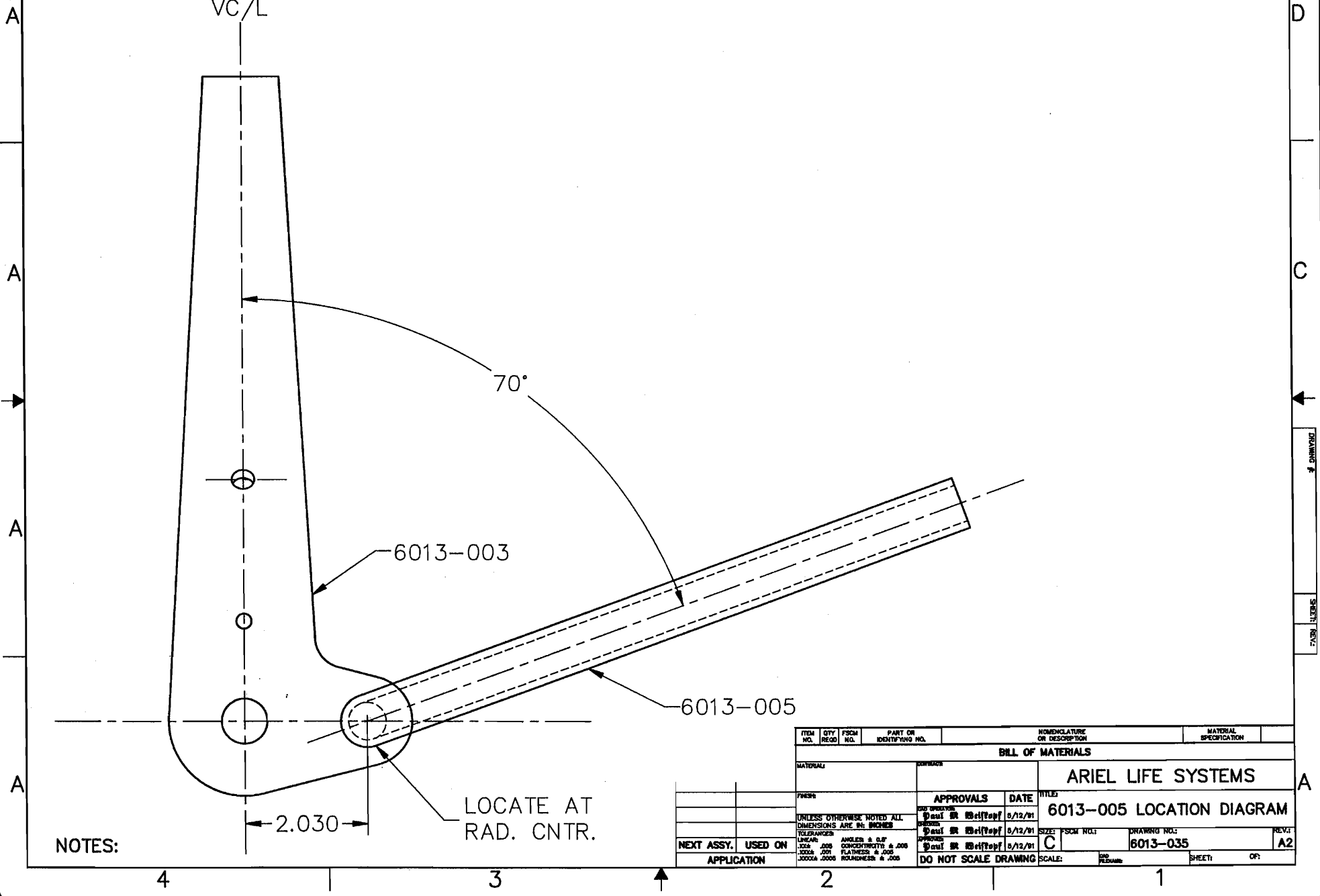
4

3

2

1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A1		HANDLE NOW PIVOTS, PROTO DID NOT	4/19/91	WEISKOPF



NOTES:

2.030

LOCATE AT RAD. CNTR.

ITEM NO.	QTY REQD	PSOM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIALS				ARIEL LIFE SYSTEMS	
FINISH			APPROVALS	DATE	TITLE
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES			Desl BR BrlTopf	5/12/91	6013-005 LOCATION DIAGRAM
TOLERANCES			Desl BR BrlTopf	5/12/91	SIZE: PSOM NO.1
LINEAR: .002 .005 CONCENTRICITY & .005			Desl BR BrlTopf	5/12/91	DRAWING NO.: 6013-035
ANGLES: ± 0.5°			DO NOT SCALE DRAWING		REVI: A2
FLATNESS: & .005			SCALE: 2X		SHEET: OF:
ROUNDNESS: & .005					
NEXT ASSY. USED ON		APPLICATION			

4

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SHEET

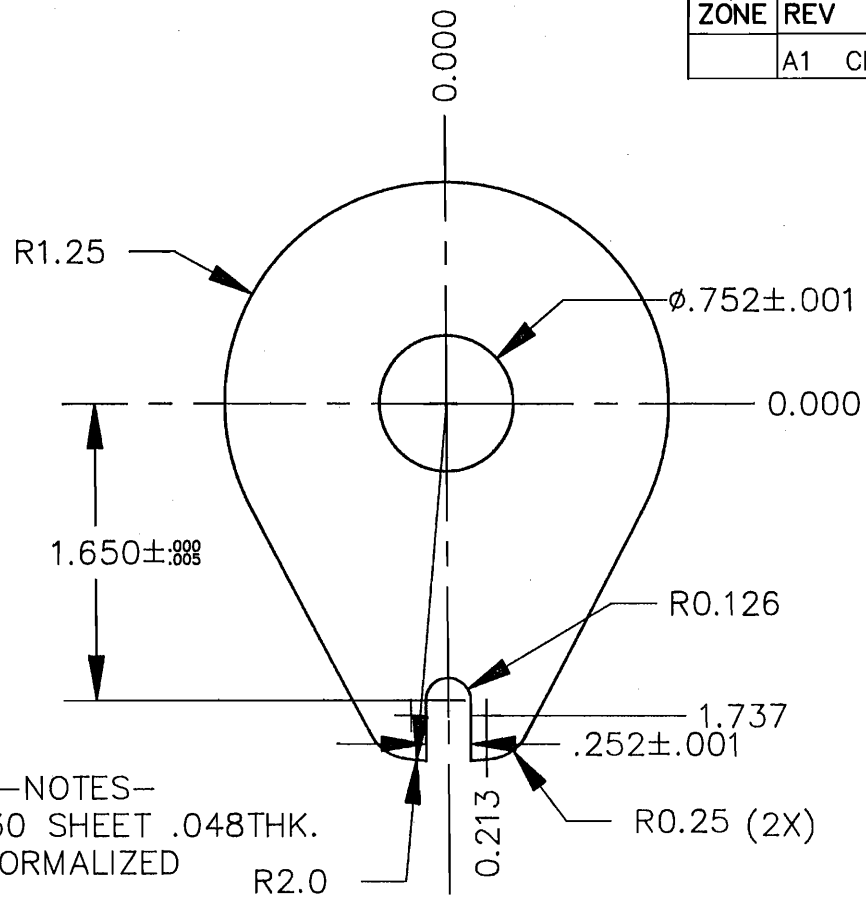
DRAWING

DRAWING #:

SHEET: REV.:

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
	A1	CHANGED TOL'S. ON 1.650	11/27/91	WEISKOPF

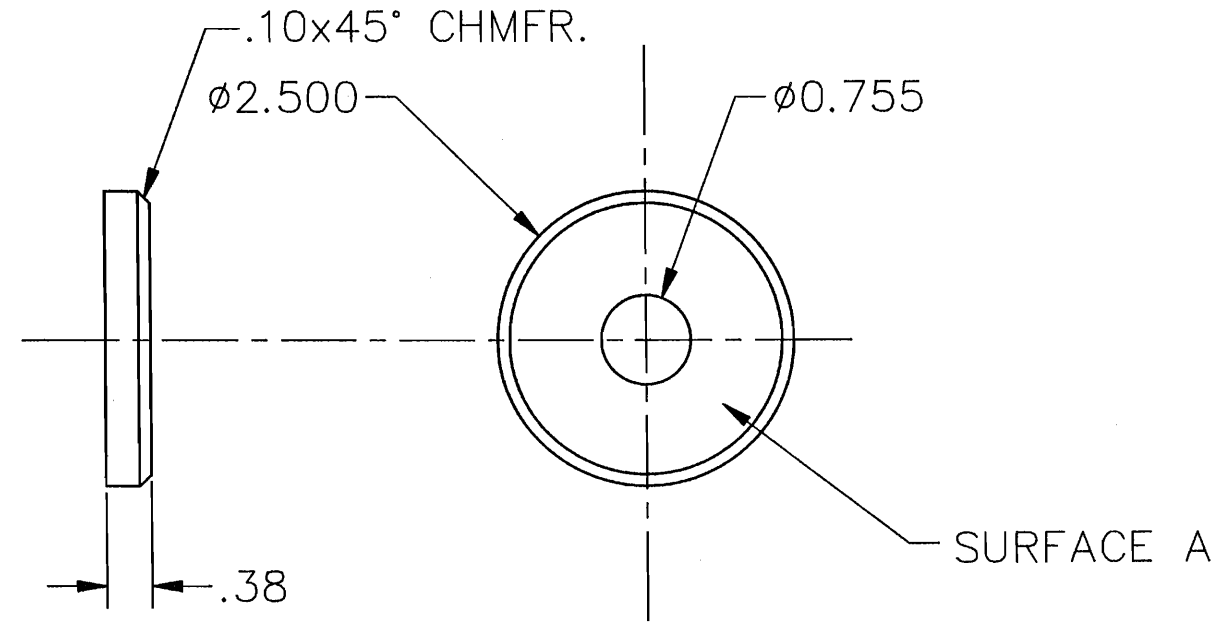


—NOTES—
 MAT'L: 4130 SHEET .048THK.
 NORMALIZED
 FINISH: BLACK OXIDE

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			APPROVALS		DATE
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			CAD OPERATOR: Paul M Weiskopf		10/11/90
TOLERANCES:			CHECKED: Paul M Weiskopf		10/11/90
LINEAR: .XX ± .005			APPROVED: Paul M Weiskopf		10/11/90
.XXX ± .001			DO NOT SCALE DRAWING		SCALE: 1:1
.XXXX ± .0005			ANGLES: ± 0.5°		CONCENTRICITY: ± .005
			FLATNESS: ± .005		ROUNDNESS: ± .005
APPLICATION			TITLE: ARIEL LIFE SYSTEMS CLUTCH DISC		REV.: A1
NEXT ASSY. USED ON			SIZE: A		FSCM NO.: DRAWING NO.: 6013-004
			SHEET: OF:		FILENAME:

DRAWING #: SHEET: REV.:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



-NOTES-
 MAT'L: 400 SERIES S.S
 FINISH: FULL POLISH O.D.,
 CHMFR. AND SURFACE A.

NOTES:

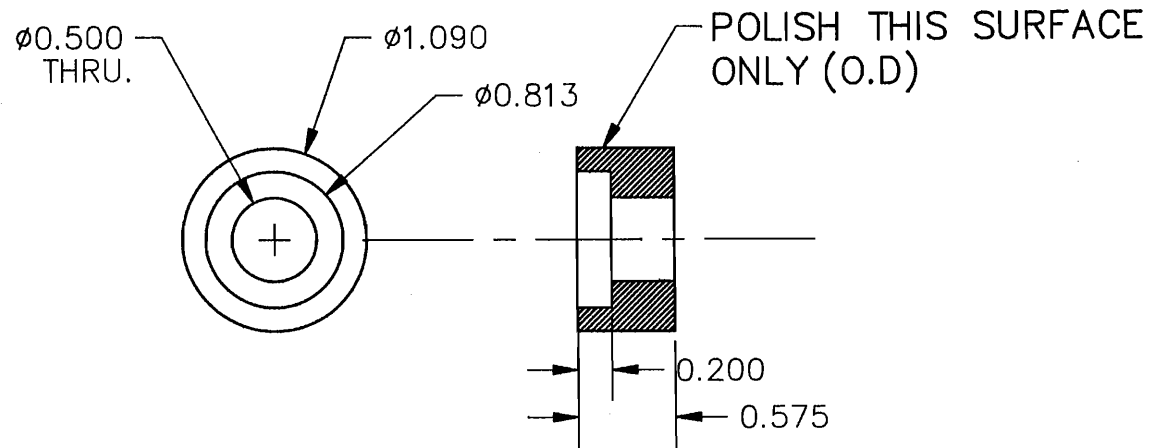
NEXT ASSY.	USED ON	APPLICATION

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			ARIEL LIFE SYSTEMS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			APPROVALS		DATE
TOLERANCES:			CAD OPERATOR:		4/11/01
LINEAR: .XXX± .005			CHECKED:		4/11/01
ANGLES: ± 0.5°			APPROVED:		4/11/01
CONCENTRICITY: ± .005			TITLE: PRESURE WASHER SEAT BACK CLUTCH		
FLATNESS: ± .005			SIZE: B		
ROUNDNESS: ± .005			FSCM NO.: 6013-012		
DRAWING NO.:			REV.:		
DO NOT SCALE DRAWING			SCALE:		
CAD FILENAME:			SHEET: OF:		

DRAWING #:
6013-020

SHEET: REV.:
A1

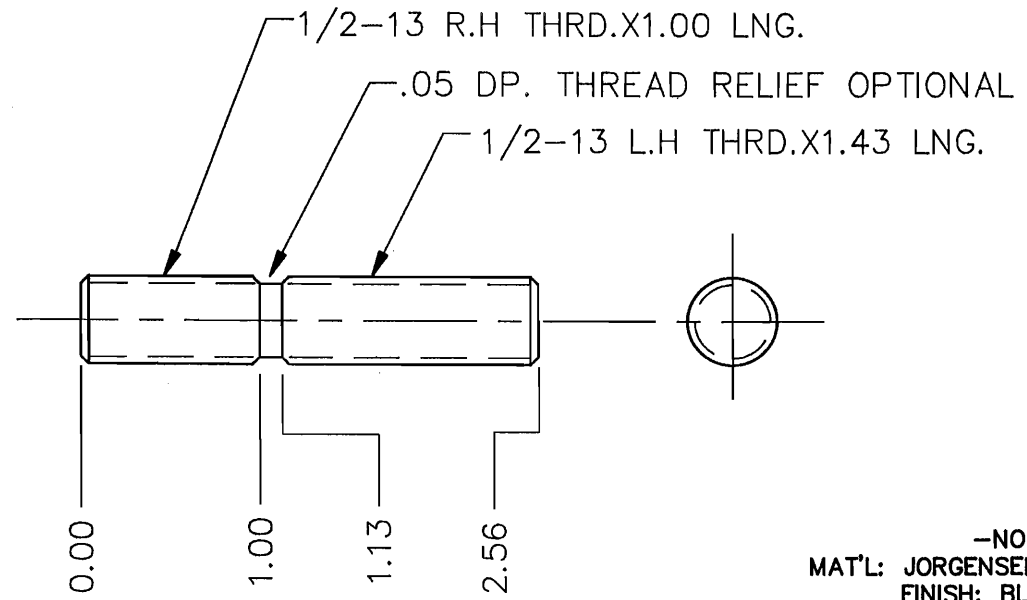
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A1	INCREASED LENGTH BY .250	12/9/91	WEISKOPF



-NOTES-
MAT'L: 400 SERIES S.S
FINISH: FULL POLISH

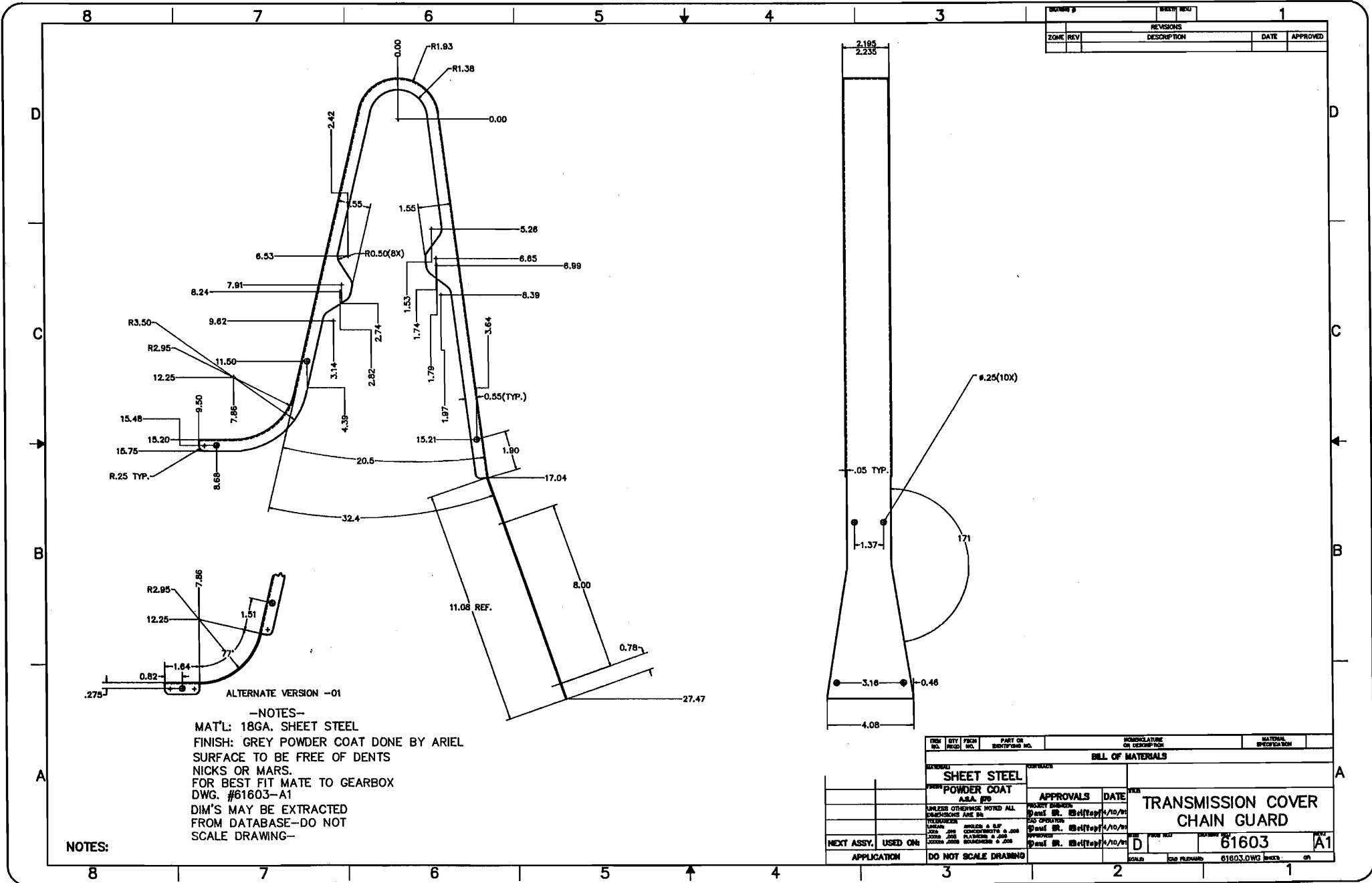
ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
			ARIEL LIFE SYSTEMS		
FINISH:			APPROVALS		DATE
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			CAD OPERATOR: Paul R Weiskopf		12/9/91
TOLERANCES:			CHECKED: Paul R Weiskopf		12/9/91
LINEAR: .XX± .005 .XXX± .001 .XXXX± .0005			APPROVED: Paul R Weiskopf		12/9/91
ANGLES: ± 0.5° CONCENTRICITY: ± .005 FLATNESS: ± .005 ROUNDNESS: ± .005			TITLE: THRUST WASHER		SIZE: FSCM NO.: A
NEXT ASSY. USED ON		DRAWING NO.:		REV.:	
APPLICATION		6013-020		A1	
DO NOT SCALE DRAWING			SCALE: 1:1		CAD FILENAME: 6013-020.DWG SHEET: OF:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A1	ADDED OPTIONAL THREAD RELIEF.	12/10/91	WEISKOPF



-NOTES-
 MAT'L: JORGENSEN FATIGUE-PROOF
 FINISH: BLACK OXIDE
 TO BE PINNED INTO KIPP HANDLE
 AT TIME OF ASS'Y, USE DRILL JIG.

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			APPROVALS		DATE
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			PROJECT ENGINEER <i>Paul M Weiskopf</i>		12/10/91
TOLERANCES:			CAD OPERATOR: <i>Paul M Weiskopf</i>		12/10/91
LINEAR: .XX± .010			APPROVED: <i>Paul M Weiskopf</i>		12/10/91
ANGLES: ± 0.5°			TITLE: ARIEL LIFE SYSTEMS		
CONCENTRICITY: ± .005			L.H/R.H STUD		
FLATNESS: ± .005			SIZE: A		FSCM NO.:
ROUNDNESS: ± .005			DRAWING NO.: 6013-024		REV.: A1
NEXT ASSY. USED ON APPLICATION		DO NOT SCALE DRAWING		SCALE:	CAD FILENAME: 6013-024.DWG/BAK SHEET: OF:



8 7 6 5 4 3

D

C

B

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0.00 R1.93 R1.38 0.00 2.42 1.55 5.26 6.65 6.89 8.39 1.53 1.74 1.79 1.97 1.80 17.04 32.4 20.5 15.21 4.39 2.82 2.74 3.14 7.86 7.91 8.24 6.53 8.66 9.50 11.50 12.25 15.48 15.20 16.75 8.66 17.04 11.08 REF. 8.00 0.78 27.47 1.84 0.82 0.275 1.51 0.78 1.37 1.71 0.46 3.16 4.08 0.05 TYP. 0.55(TYP.) 3.64 2.195 2.235

ALTERNATE VERSION -01

-NOTES-
 MAT'L: 18GA. SHEET STEEL
 FINISH: GREY POWDER COAT DONE BY ARIEL
 SURFACE TO BE FREE OF DENTS
 NICKS OR MARS.
 FOR BEST FIT MATE TO GEARBOX
 DWG. #61603-A1
 DIM'S MAY BE EXTRACTED
 FROM DATABASE-DO NOT
 SCALE DRAWING-

NOTES:

REVISION #	SHEET NO.	1
ZONE	REV	
REVISIONS		DATE
DESCRIPTION		APPROVED

ITEM NO.	QTY	FROM	PART OR IDENTIFYING NO.	DESCRIPTION OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIALS			CONTROLS		
SHEET STEEL			APPROVALS		
POWDER COAT			DATE		
A.S.A. (PS)			SIGNATURE		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN			DATE		
INCHES			SIGNATURE		
DRAWN BY			DATE		
CHECKED BY			DATE		
APPROVED BY			DATE		
NEXT ASSY. USED ON:			SCALE		
APPLICATION			DO NOT SCALE DRAWING		
			DRAWING NO. 61603		
			SHEET NO. A1		
			SCALE 1/8" = 1"		
			DATE 10/10/99		
			DRAWN BY		
			CHECKED BY		
			APPROVED BY		
			DATE		

TRANSMISSION COVER
 CHAIN GUARD

D 61603 A1

8 7 6 5 4 3 2 1

4

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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

A

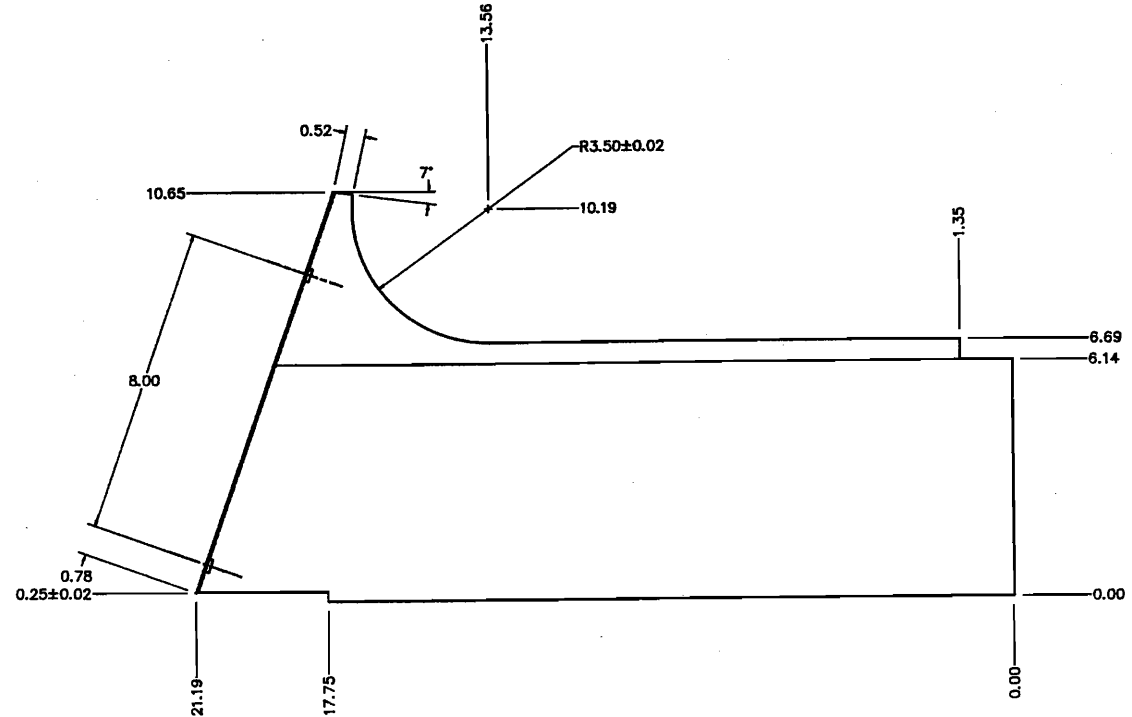
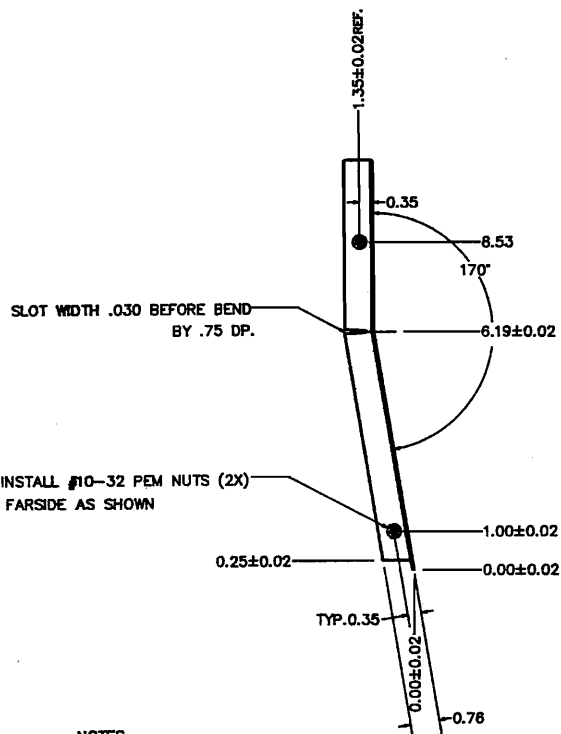
D

A

C

A

A



-NOTES-
 MAT'L: .050 SHEET STEEL
 FINISH: POWDER COAT UTILITY GREY
 61601=GEARBOX COVER,LEFT

DRAWING #
 SHEET #

NOTES:

ITEM NO.	QTY	FSCH NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
				ARIEL LIFE SYSTEMS	
				GEARBOX COVER,LEFT	
APPROVALS			DATE	TITLE	
Paul M. Beitzel			4/11/91	ARIEL LIFE SYSTEMS	
Paul M. Beitzel			4/11/91	ARIEL LIFE SYSTEMS	
Paul M. Beitzel			4/11/91	ARIEL LIFE SYSTEMS	
NEXT ASSY. USED ON		APPLICATION	SIZE	FSCH NO.	DRAWING NO.
			C		61601
DO NOT SCALE DRAWING			SCALE:	SHEET:	OF:

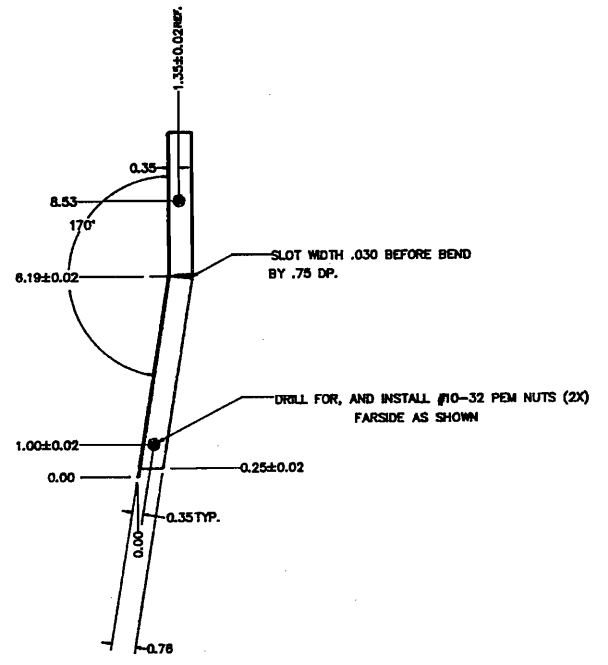
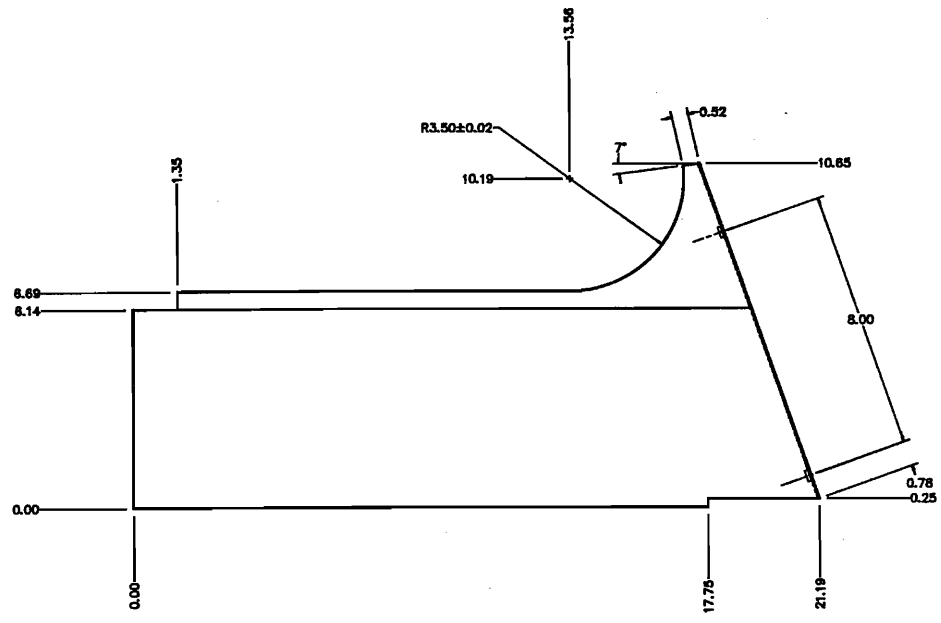
4

3

2

1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



-NOTES-
 MATL: .050 SHEET STEEL
 FINISH: POWDER COAT UTILITY GREY

ITEM NO.	QTY	PSOM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL				FORMER	
TITLE: ARIEL LIFE SYSTEMS			DATE: 4/11/91		
TITLE: GEARBOX COVER, RIGHT			DATE: 4/11/91		
DRAWING NO: 61602			REV: C		
SCALE: 1			SHEET: OF		

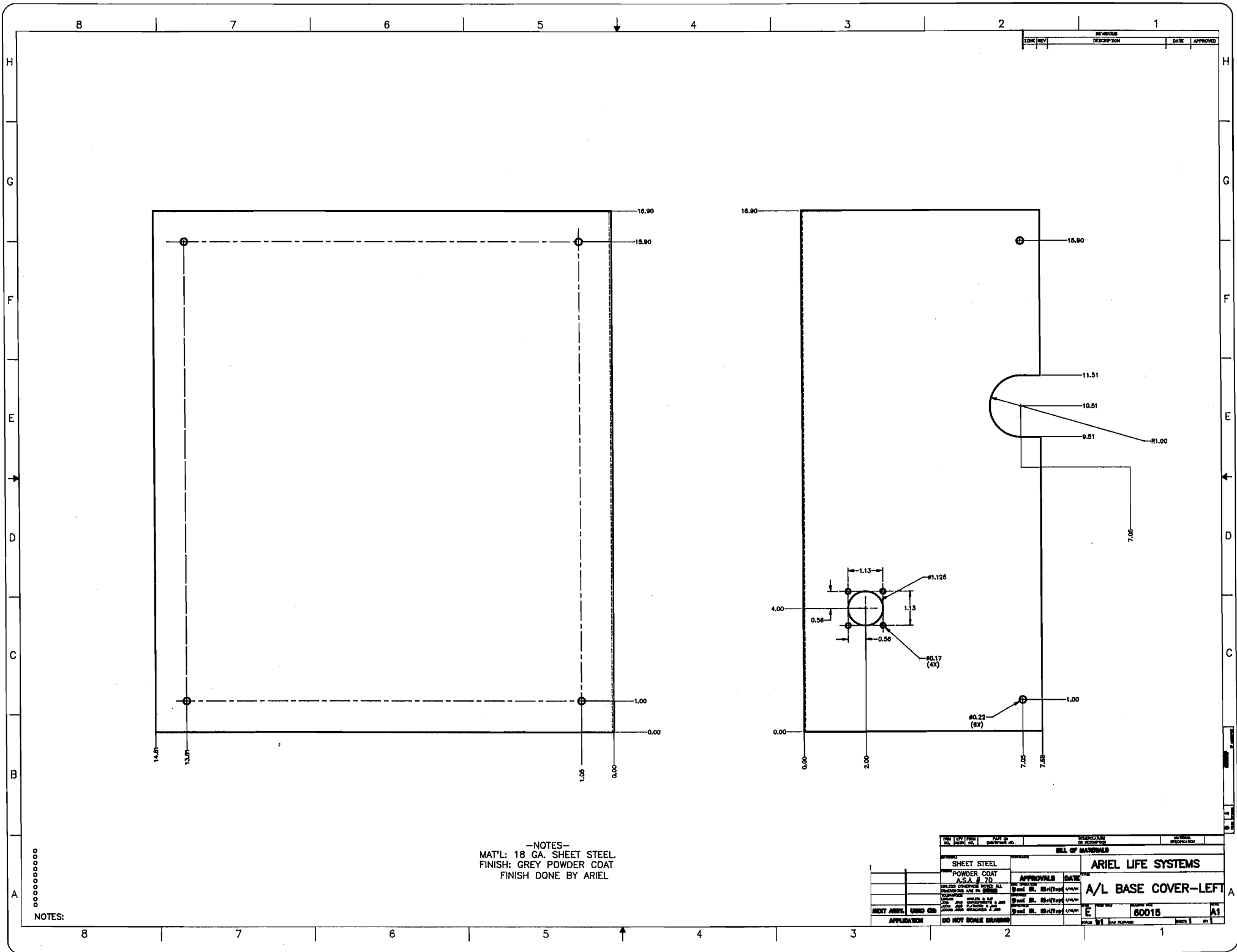
APPROVALS	DATE
Paul M. Beffert	4/11/91
Paul M. Beffert	4/11/91

NEXT ASSY. USED ON APPLICATION

UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 LINEAR .000 ANGLES ± 0.1°
 .000 ± .005 CONCENTRICITY ± .005
 .000 ± .005 FLATNESS ± .005
 .000 ± .005 ROUNDNESS ± .005

DO NOT SCALE DRAWING

DRAWING #
 SHEET #



REV	DESCRIPTION	DATE	APPROVED

-NOTES-
 MAT'L: 18 GA. SHEET STEEL
 FINISH: GREY POWDER COAT
 FINISH DONE BY ARIEL

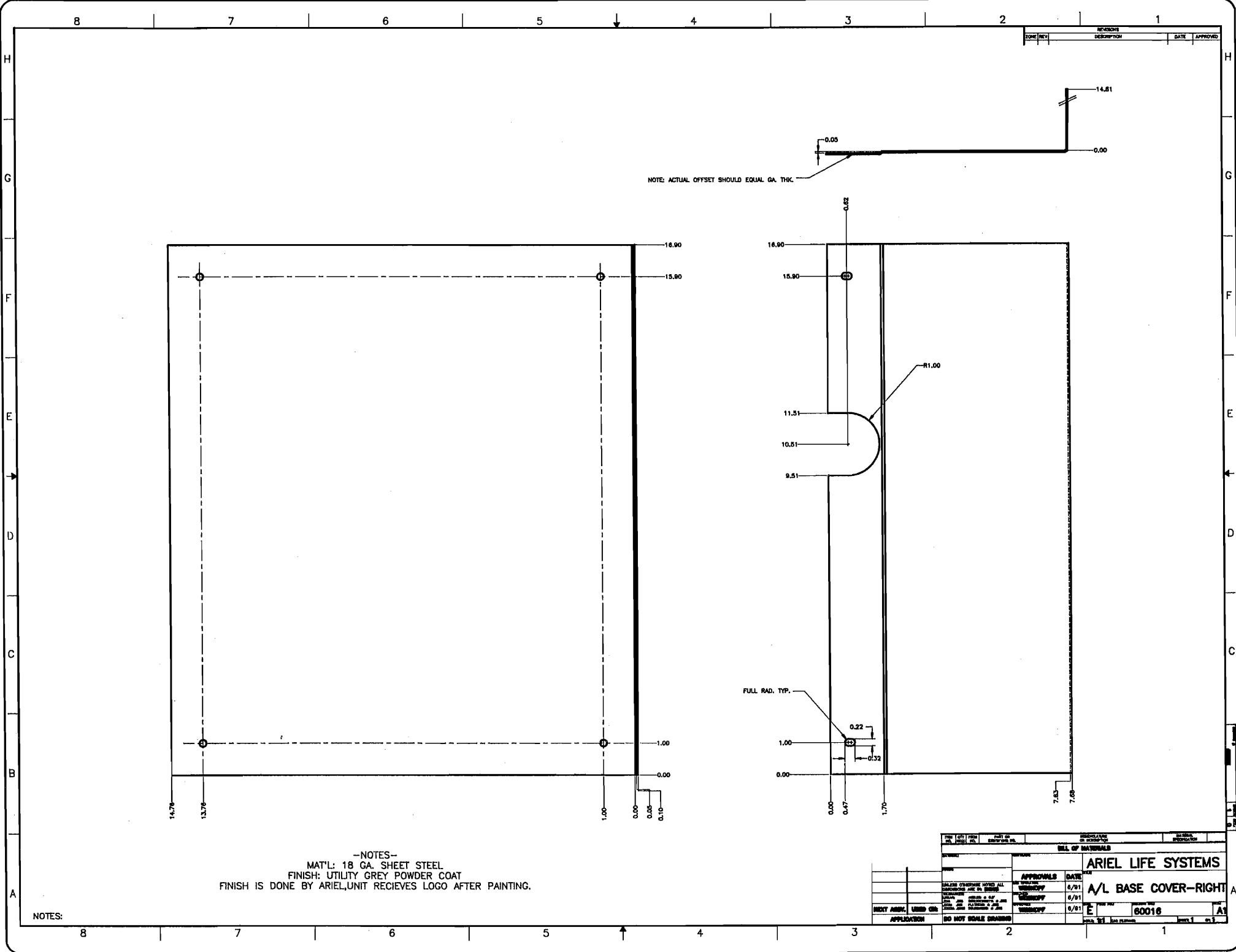
REV	DATE	DESCRIPTION	BY	CHKD	DATE

MATERIAL		QUANTITY		REMARKS	
SHEET STEEL					
POWDER COAT					

APPROVALS		DATE	

APPLICATION		DATE	

NOTES:



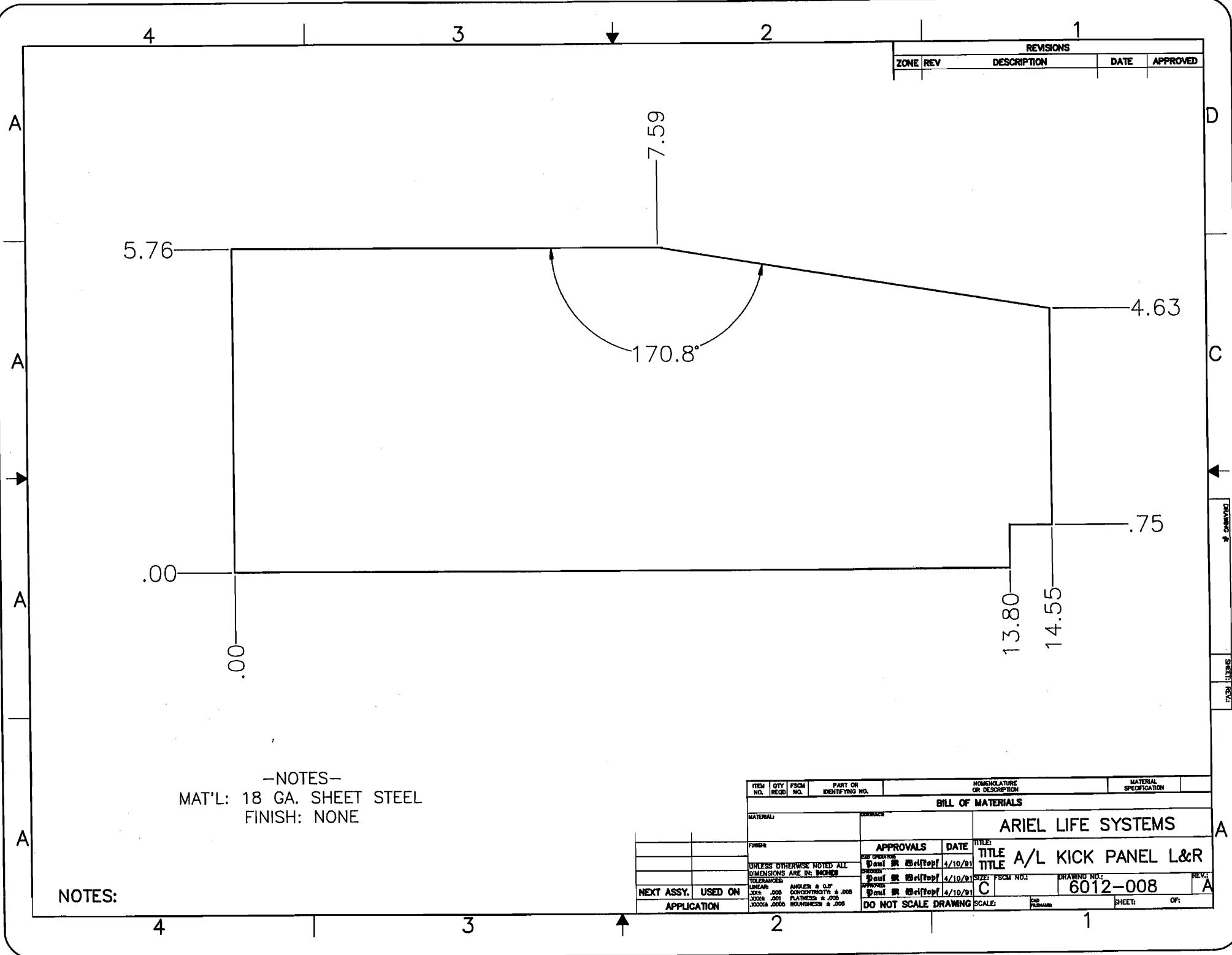
REV	DESCRIPTION	DATE	APPROVED

REV		DESCRIPTION	DATE	APPROVED

ARIEL LIFE SYSTEMS A/L BASE COVER-RIGHT	60016 Part 11
--	------------------

DO NOT SCALE DRAWING

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



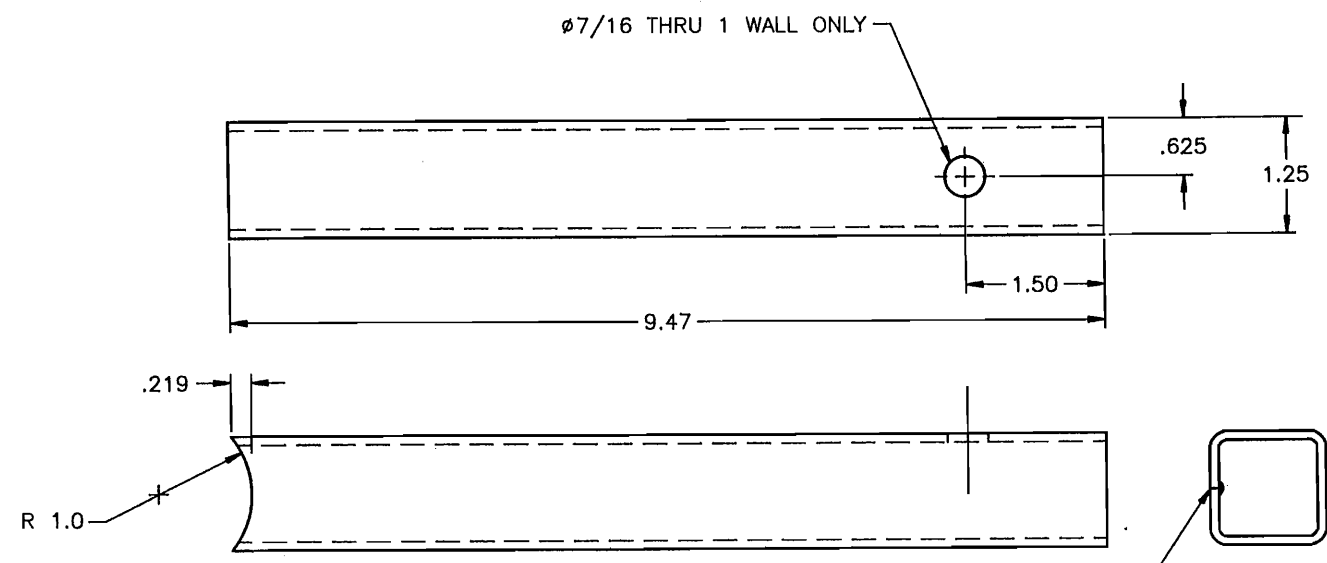
-NOTES-
 MAT'L: 18 GA. SHEET STEEL
 FINISH: NONE

NOTES:

ITEM NO.	QTY (REQD)	FSCM NO.	PART OR IDENTIFYING NO.	QUANTITY	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS						
MATERIAL			FINISH			
APPROVALS			DATE		TITLE	
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES			4/10/91		ARIEL LIFE SYSTEMS	
TOLERANCES:			4/10/91		TITLE A/L KICK PANEL L&R	
LINEAR .005			4/10/91		DRAWING NO: 6012-008	
ANGLES & DTP .005			4/10/91		REV: A	
HOLE .001			4/10/91		SCALE: 1	
FLATNESS & .005			4/10/91		SHEET: 1 OF 1	
ROUNDRNESS & .005			4/10/91		SCALE: 1	

DRAWING NO: 6012-008 SHEET: 1 OF 1

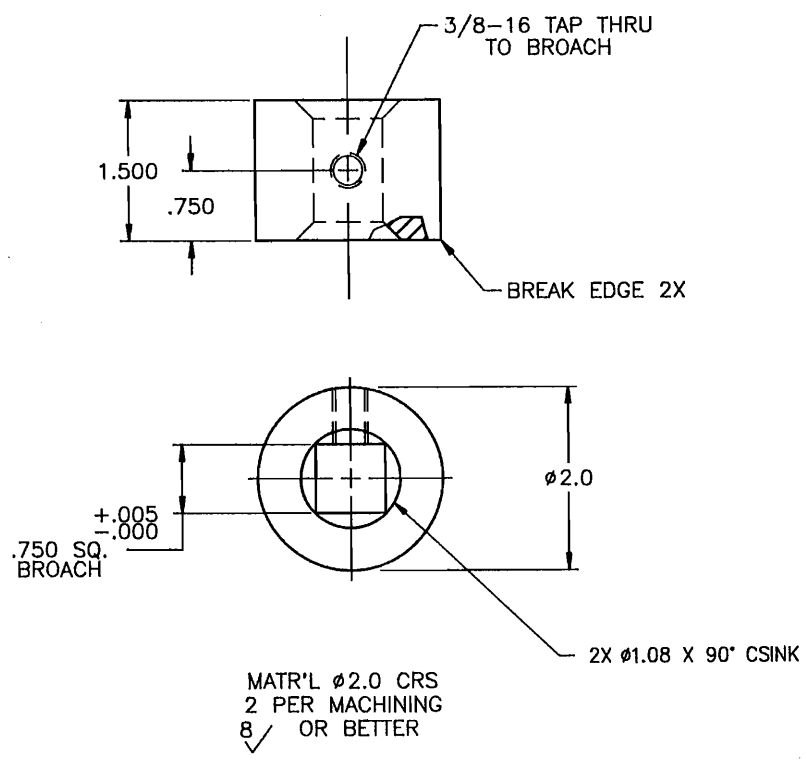
REV	REVISIONS DESCRIPTION	DATE	APPROVED



MAT'L 1.25 SQ. X .095 WALL STEEL TUBE, WELDED
 2 PER MACHINE
 REMOVE ALL BURRS

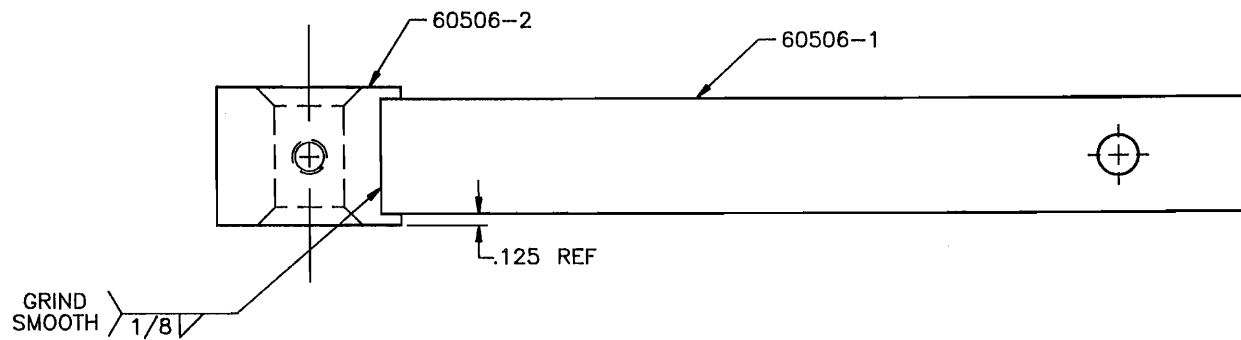
APPROVALS				DATE		TITLE: ARIEL LIFE SYSTEMS				
Paul M. Belltopf				12/12/01		UPPER ARM				
Paul M. Belltopf				12/12/01		ARM-LEG MACHINE, MOD A6000				
Paul M. Belltopf				12/12/01		SIZE: C	FSCM NO.:	DRAWING NO.:	60506	REV.:
TOLERANCES: LINEAR .010 ANGLES & SURF CONCENTRICITY & .005				DO NOT SCALE DRAWING		SCALE:	CD FILE NO. 60506-1.DWG	SHEET: 1	OF: 3	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



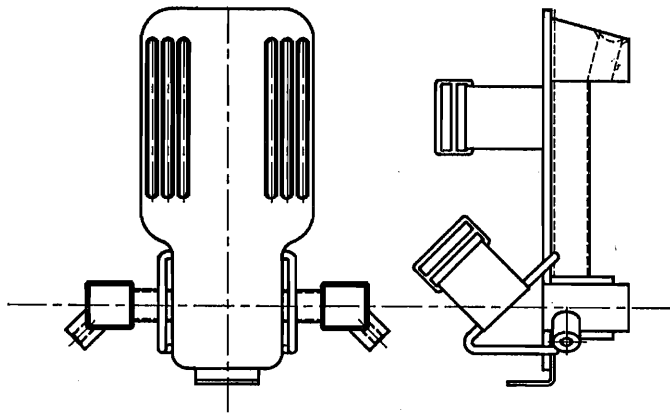
		ARIEL LIFE SYSTEMS	
APPROVALS		DATE	TITLE
Paul M. Briffett	12/15/91	12/15/91	UPPER ARM ARM-LEG MACHINE, MOD A6000
Paul M. Briffett	12/15/91	12/15/91	SIZE: FSCM NO.: DRAWING NO. 60506 REV.:
TOLERANCES: LINEAR: ANGLES: ± 0.5°		DO NOT SCALE DRAWING	
HOLE: ± .010 CONCENTRICITY: ± .008		SCALE: 1:1	
HOLE: ± .008 FLATNESS: ± .008		FORM: 60506-2.DWG	
HOLE: ± .006 ROUNDNESS: ± .008		SHEET: 2 OF 3	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

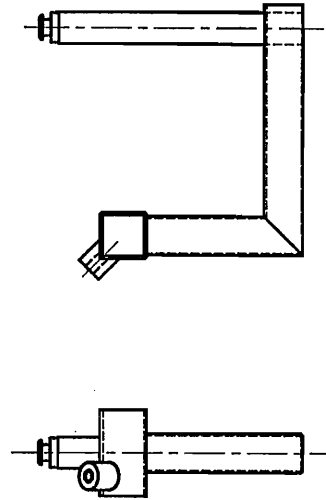


PLATING: ELECTROLESS NICKEL FLASH
 .002 THK. CHROME PLATE
 WELD USING JIG #60506-T1

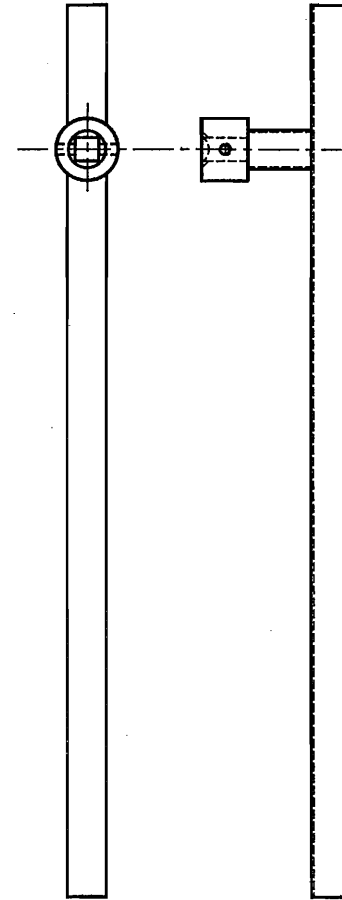
		ARIEL LIFE SYSTEMS	
APPROVALS		DATE	TITLE
Paul R. Brittop		12/15/91	UPPER ARM ARM-LEG MACHINE, MOD A6000
DESIGNED BY	DATE	SIZE	FSCM NO.
Paul R. Brittop	12/15/91	C	
APPROVED BY	DATE	DRAWING NO.	REV.
Paul R. Brittop	12/15/91	60506	
TOLERANCES		SCALE	
LINEAR	ANGLES ± 0.5°	SCALE	
.004 ± .001	CONCENTRICITY ± .005	AS SHOWN: 60506-3.0WG	
.003 ± .001	FLATNESS ± .005	SHEET 3 OF 3	
.0002 ± .0001	ROUGHNESS ± .005		
DO NOT SCALE DRAWING			



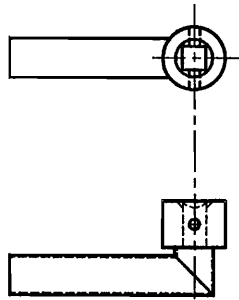
FOOT PLATE
#60710



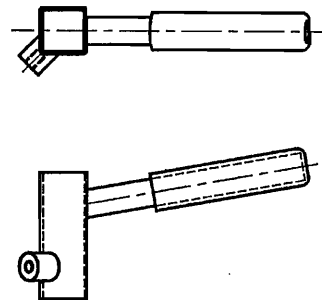
ELBOW PAD MOUNT
#60720



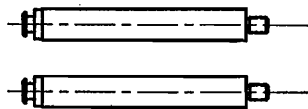
MAIN BAR
#60730



ANKLE DRIVE
#60740



10' HANDLE
#60750



THREADED BAR (2 REQ'D.)
#60760



ARM KNOB (5 REQ'D.)
60518

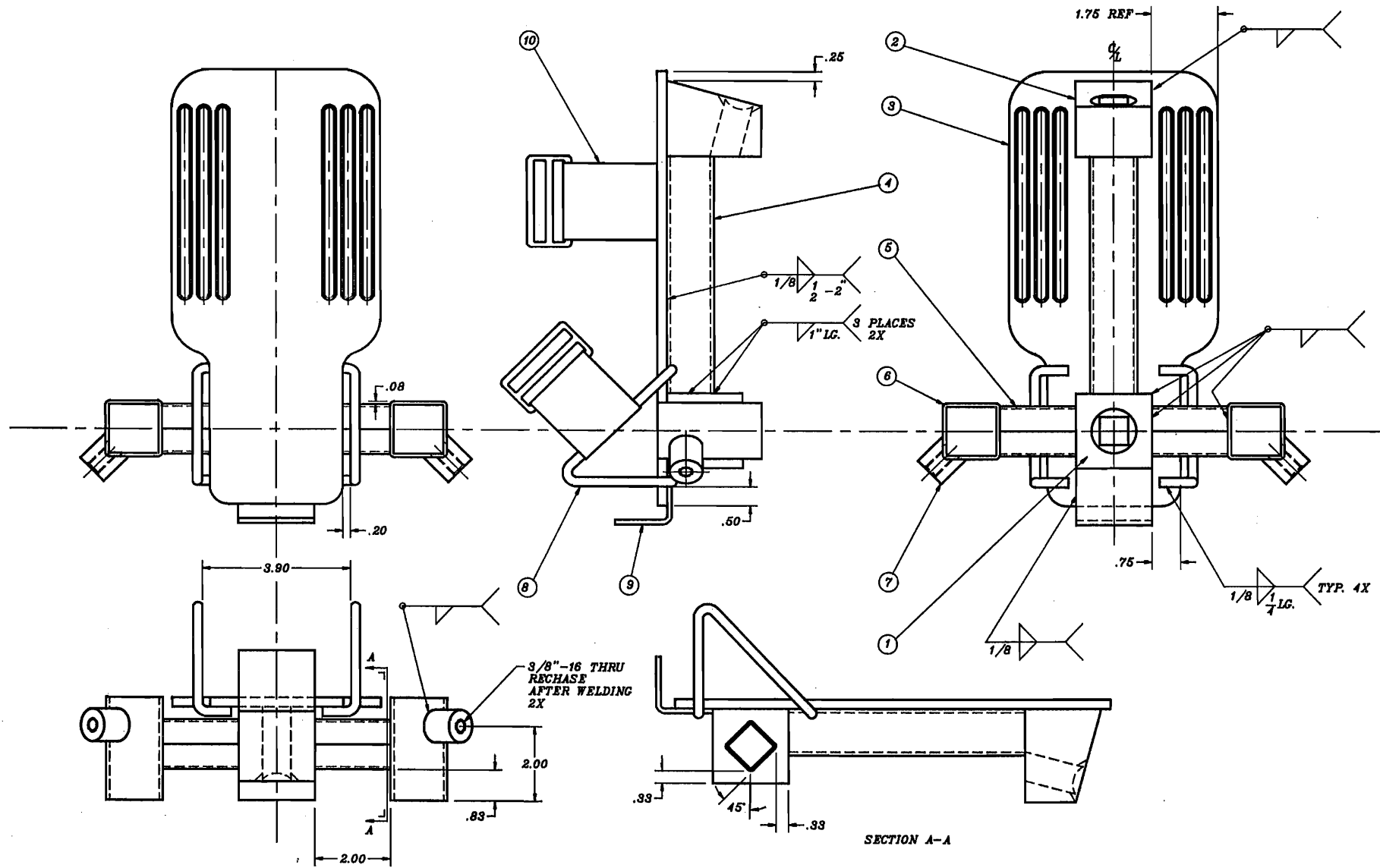
APPROVALS		DATE	TITLE:		DRAWING NO.:		REV.:
HEWITT		11/91	ARIEL ARM/LEG ATTACHMENTS		60700		A
TOLERANCES UNLESS OTHERWISE SPECIFIED:		ANGLES ± 0.5°		SIZE:	FSCM NO.:	DRAWING NO.:	
3004 ± .005		3004 ± .005		C		60700	
3004 ± .005		3004 ± .005		SCALE:		SHEET 1 OF 1	
DO NOT SCALE DRAWING		SCALE:		60700			

ARIEL LIFE SYSTEMS INC.
10110 SORRENTO VALLEY RD.
S.D.C.A. 92121 (619) 455-5952

ARIEL
ARM/LEG
ATTACHMENTS

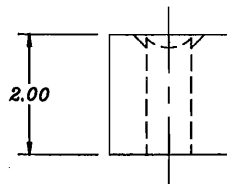
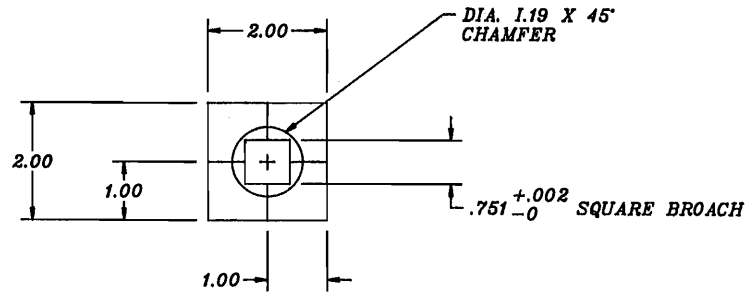
SIZE: C FSCM NO.: DRAWING NO. 60700 REV. A

DO NOT SCALE DRAWING SCALE: 60700 SHEET 1 OF 1

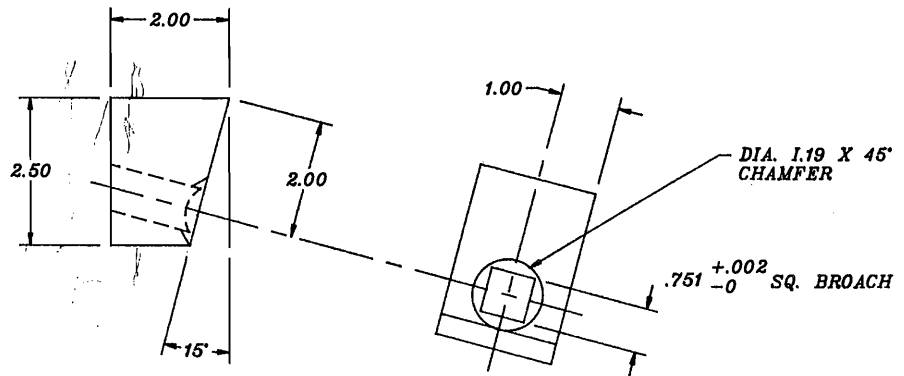
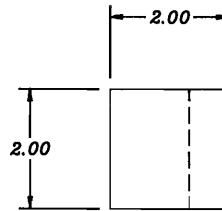


NOTE: POWDER COAT-WRINKLE BLACK

		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 466-5952	
APPROVALS	DATE	TITLE	
HEWITT	11/91	FOOT PLATE ASS'Y.	
TOLERANCES		SIZE	DRAWING NO.
LINEAR	ANGLES & R/F	C	60710
.001	.010	FORM	REV. I
.002	CONCENTRICITY & .005	FILE NO.	A
.003	FLATNESS & .005	SCALE	DO NOT SCALE DRAWING
.004	ROUNDNESS & .005	SCALE	60710
		SHEET	1 OF 6

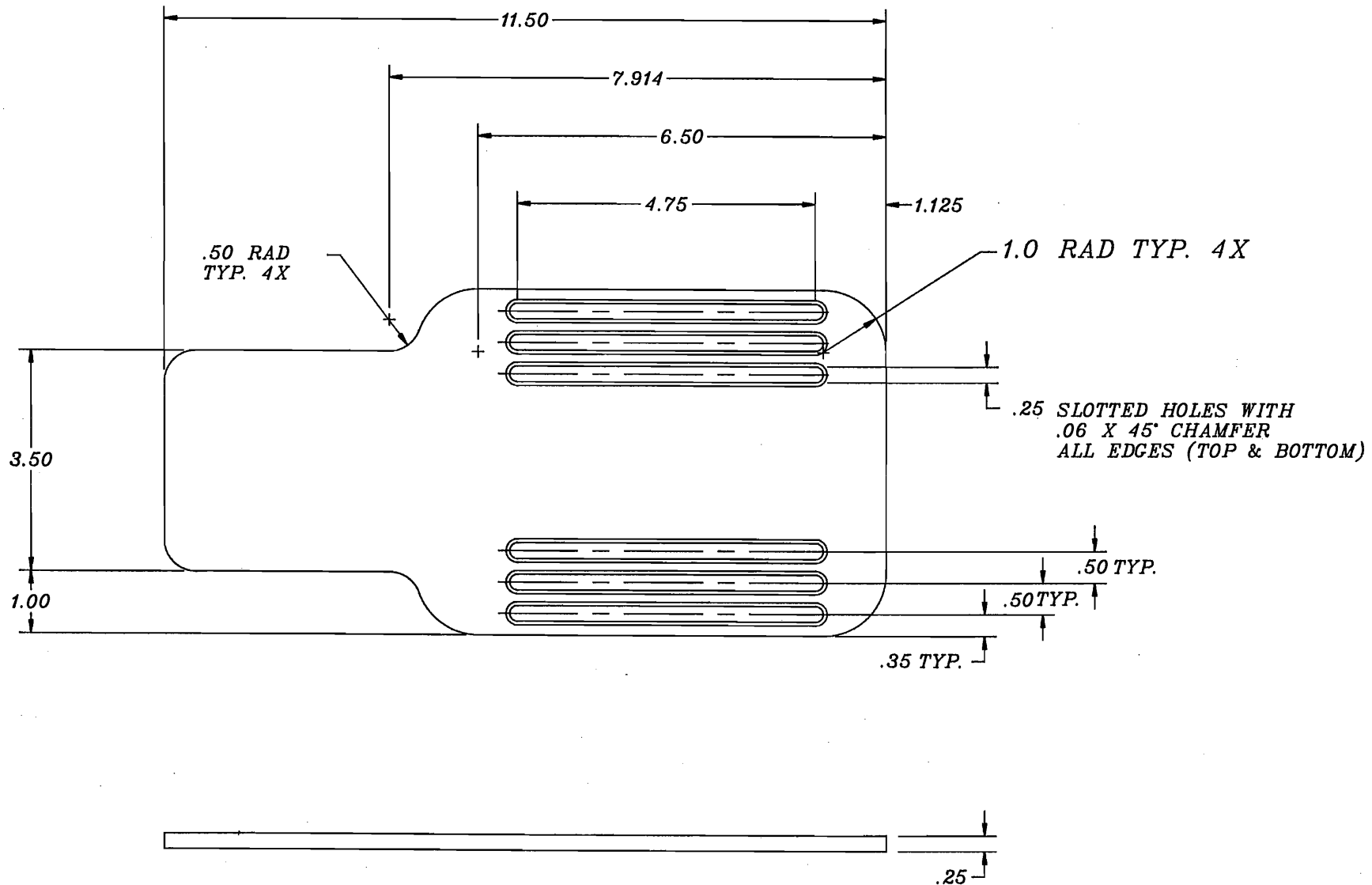


① MAT'L C.R. STEEL
7 REQ'D.



② MAT'L C.R. STEEL
1 REQ'D.

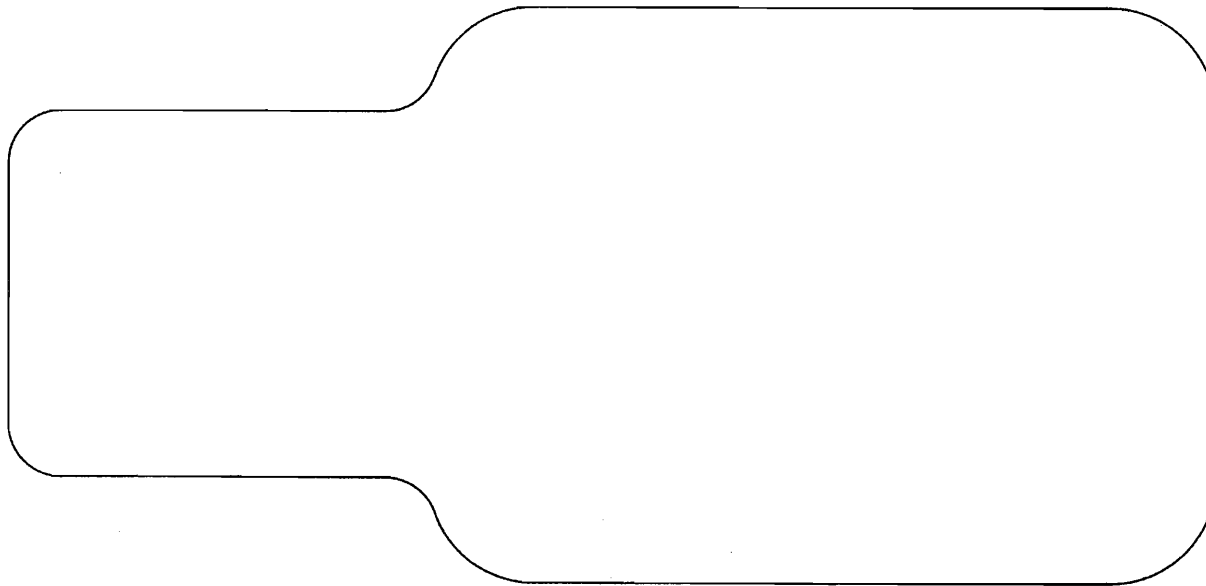
		ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.D.C.A. 92121 (619) 455-5952	
APPROVALS	DATE	TITLE	
HEWITT	11/91	FOOT PLATE ASS'Y.	
DESIGN		SIZE: C	SCM NO.:
TOLERANCES		DRAWING NO. 60710	REV. A
LINEAR: .004 .010	ANGLES: ± 0.5°		
	CIRCULARITY: ± .005		
.002 ± .005	FLATNESS: ± .005		
.002 ± .005	ROUGHNESS: ± .005		
DO NOT SCALE DRAWING		SCALE:	SHEET: 2 OF 2



③ MAT'L .25 THK. C.R. PLATE SMOOTH FLAME CUT
GRIND EDGES SMOOTH
1 REQ'D.

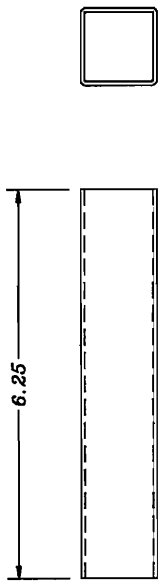
APPROVALS		DATE	TITLE:	
HEWITT		11/91	ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 456-5962	
SIZE:		FSCM NO.:	DRAWING NO.:	REV.:
C			60710	A
DO NOT SCALE DRAWING		SCALE:	SHEET: 3	OF:

TOLERANCES:
LINEAR: .010
ANGLES: ± 0.1°
HOLE: .008
CONCENTRICITY: ± .008
FLATNESS: ± .008
ROUGHNESS: ± .008

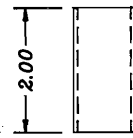


FULL SCALE PLOT OF ITEM 3

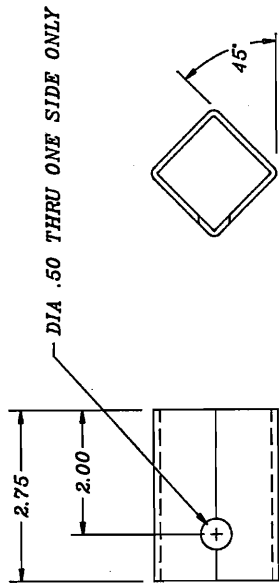
		ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.D.C.A. 92121 (619) 456-6952	
APPROVALS	DATE	TITLE	
HEWITT	11/91	FOOT PLATE ASS'Y.	
TELEPHONE	ANGLES & D.P.	SIZE	DRAWING NO.
LINEAR	CONCENTRICITY & SRS	C	60710
.001 .005	FLATNESS & SRS	SCALE	SHEET 4 OF 1
.0025 .005	ROUGHNESS & .005	DO NOT SCALE DRAWING	SCALE: 60710



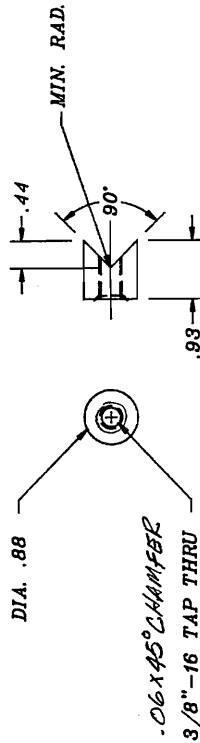
④ MAT'L. TUBE, 1.25 SQ. X .095 WALL STEEL
1 REQ'D.



⑤ MAT'L. TUBE 1.0 SQ. X .065 WALL STEEL
2 REQ'D.

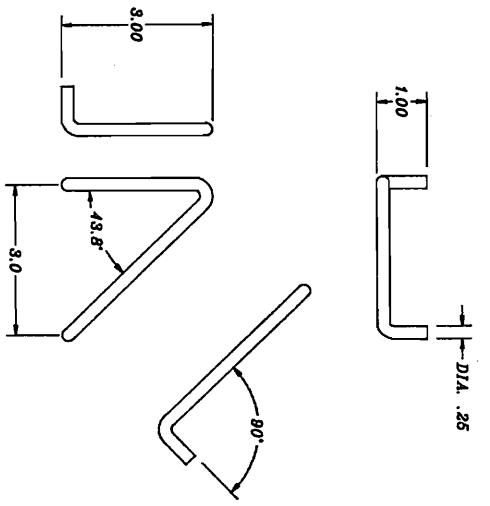


⑥ MAT'L. TUBE, 1.50 SQ. X .095 WALL, ~~SEE~~ STEEL
2 REQ'D.

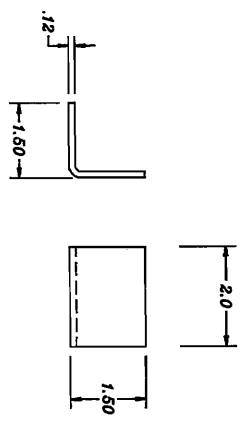


⑦ MAT'L. C.R. STEEL
2 REQ'D.

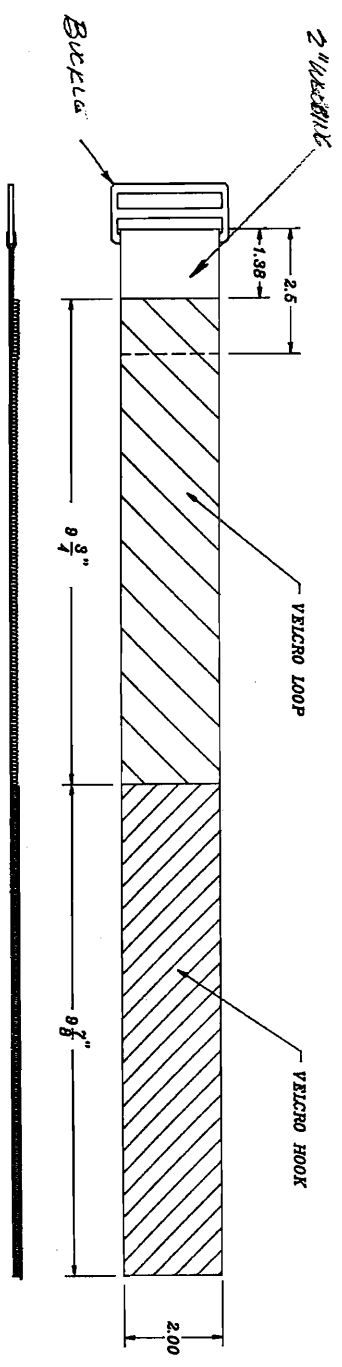
LIFE SYSTEMS INC. 5000 WILLOW RD. S.D., CALIF. 92121 (618) 456-4668		ARIEL TITLE:	
APPROVALS HEWITT	DATE 11/91	FOOT PLATE ASS'Y.	
TOLERANCES UNLESS SHOWN OTHERWISE: DIMENSIONS TO .000 ANGLES TO .005 HOLE DIA. TO .005 HOLE DIA. TO .005	SPEC. FROM NO. C	DRAWING NO. 60710	REV. A
DO NOT SCALE DRAWING SCALE:			SHEET 5 OF



⑧ MAT'L .25 DIA C.R. STEEL
1 REQ'D AS SHOWN
1 REQ'D OPPOSITE



⑨ MAT'L .12 THK C.R. STEEL
1 REQ'D

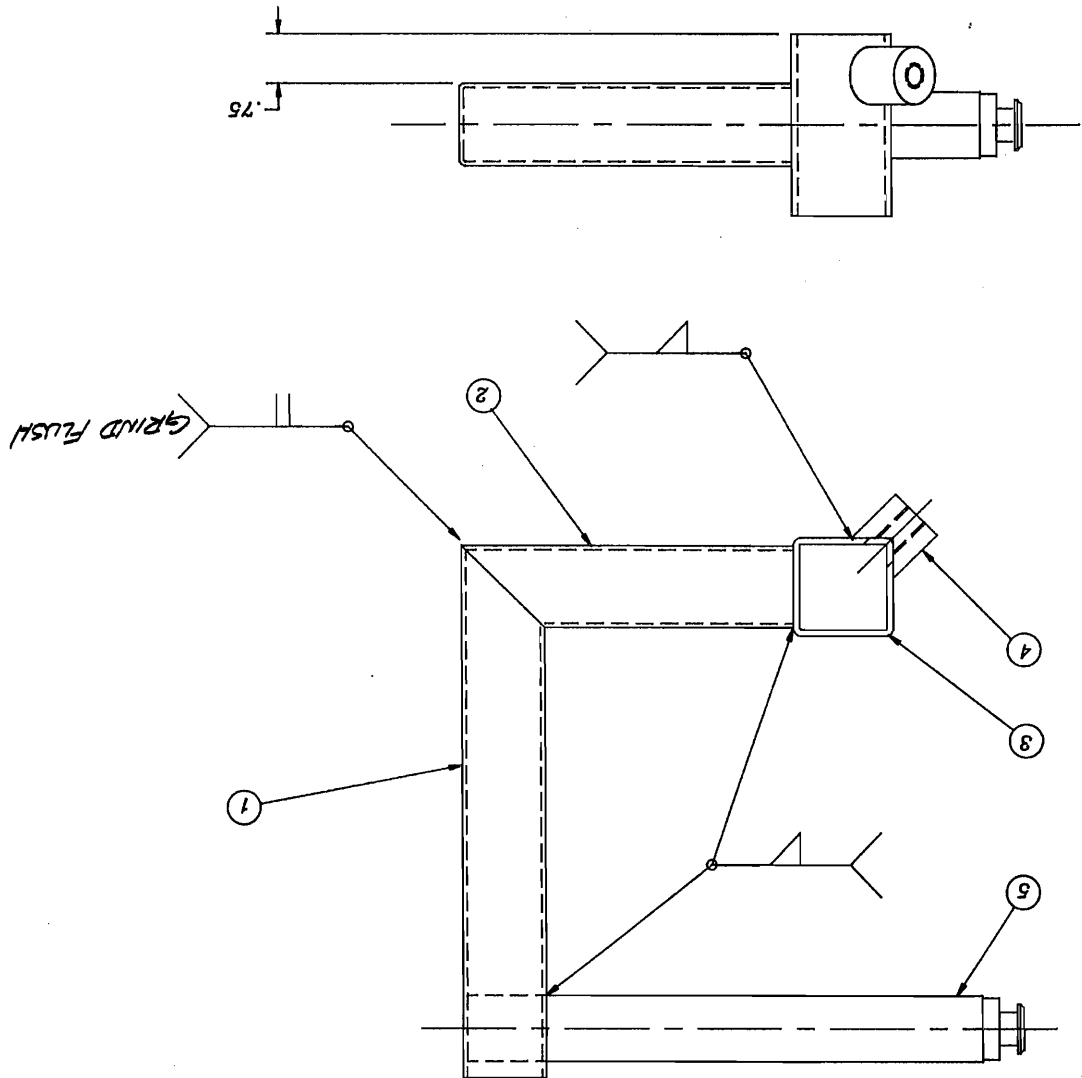


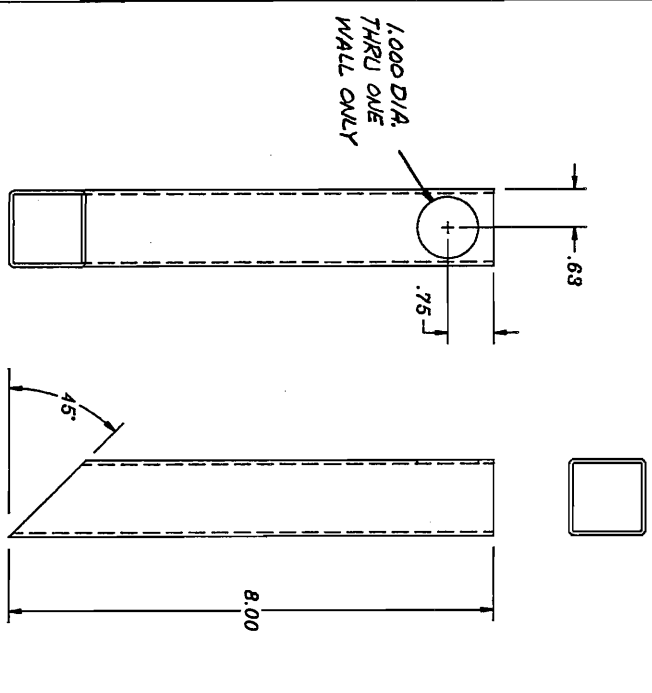
⑩ FOOT STRAP SUB-ASS'Y.
2 REQ'D

APPROVALS HENWITT		DATE 11/91		TITLE ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.D. CA. 94111 (916) 466-8989	
DESIGNER HENWITT		CHECKED C		DRAWING NO. 60710	
DO NOT SCALE DRAWING		SCALE		SHEET 6 OF 1	

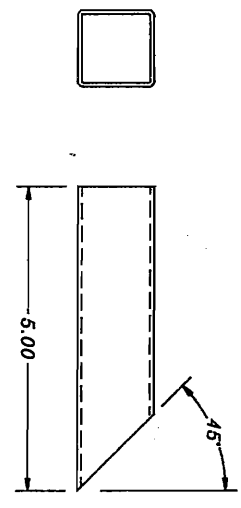
DO NOT SCALE DRAWING		SCALE: <i>C</i>	REV: <i>A</i>
DATE: <i>11/81</i>	DESIGNER: <i>HEWITT</i>	DRAWING NO: <i>60720</i>	
APPROVALS:	DATE:	SHEET: <i>1</i> OF <i>3</i>	
ARIEL LIFE SYSTEMS INC. 1010 SOBRANTE VALLEY RD. S.F., CA 94134 (415) 466-9863		TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMAL DIMENSIONS: FRACTIONS: .0005 HOLE AND DIA. DIMENSIONS: .0005 ANGLES: .5°	

NOTE: POWDER CONT-URICLES BACK

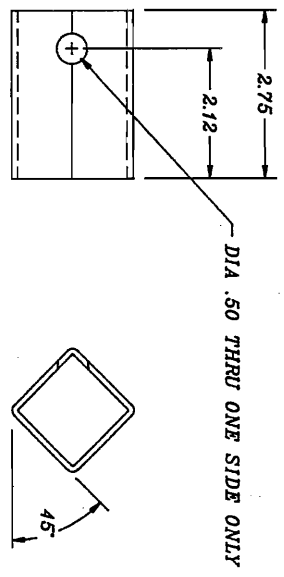




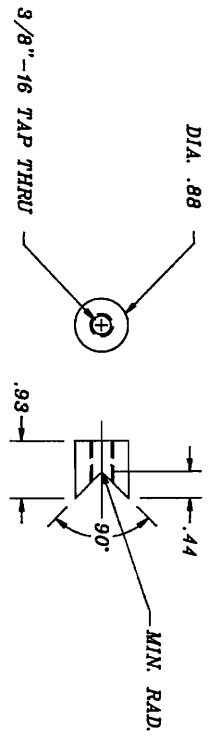
① MAT'L. TUBE, 1.25 SQ. X .065 WALL STEEL
1 REQ'D.



② MAT'L. TUBE 1.25 SQ. X .065 WALL STEEL
1 REQ'D.

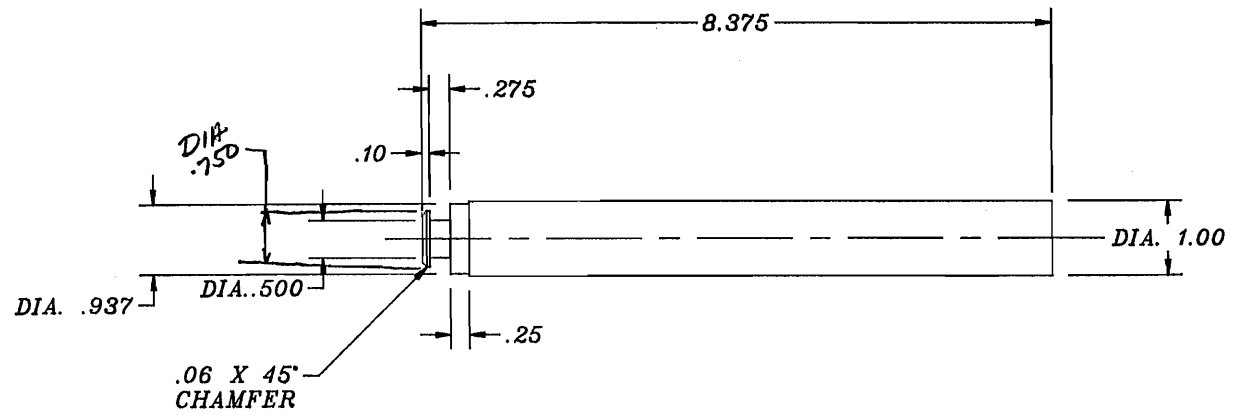


③ MAT'L. TUBE, 1.50 SQ. X .095 WALL, ~~STEEL~~ STEEL
1 REQ'D.



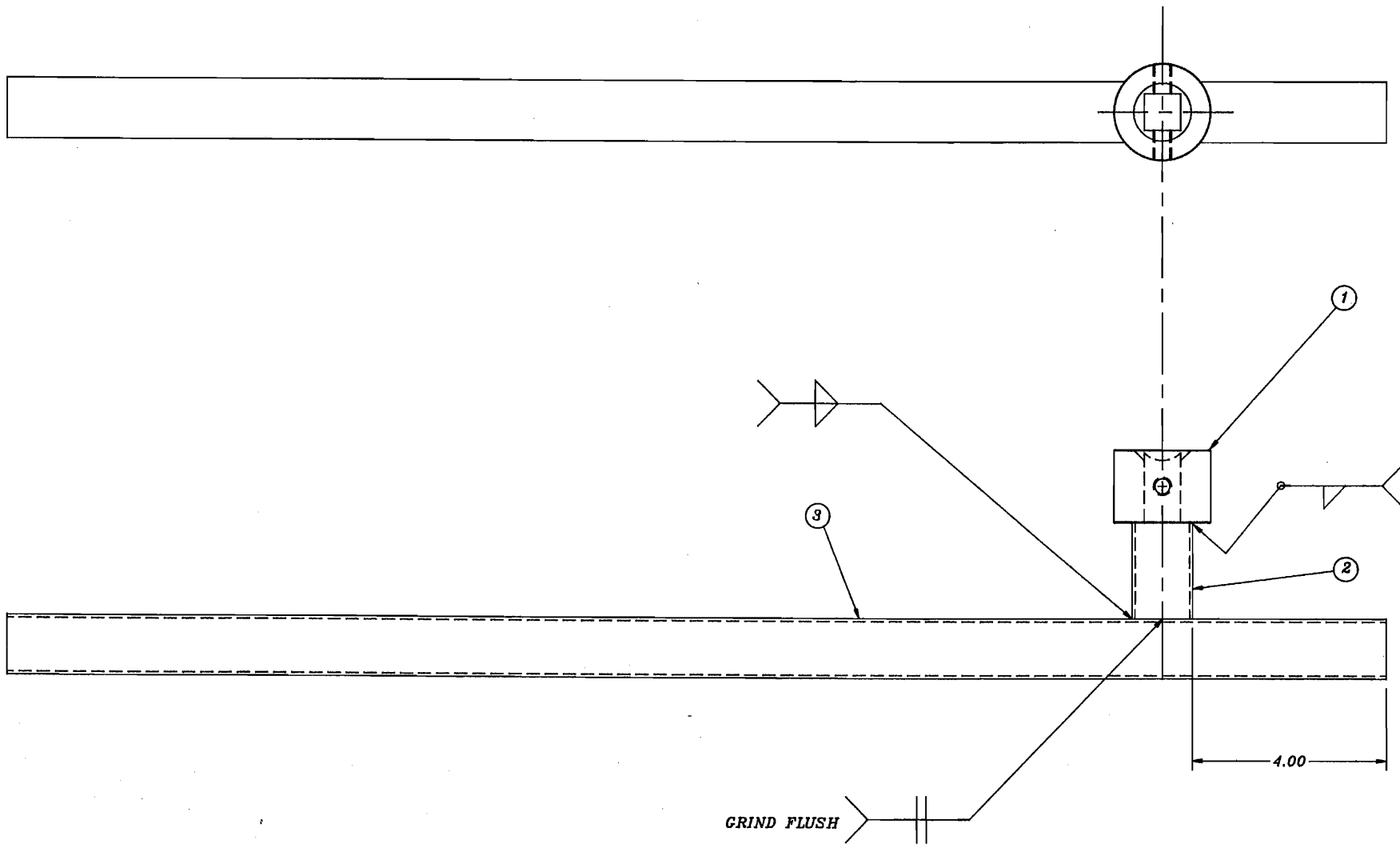
④ MAT'L. C.R. STEEL
1 REQ'D.

APPROVALS HEWITT		DATE 11/81	TITLE ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.D. CA. 92121 (919) 466-6863
DRAWN C	CHECKED C	DESIGNED C	PART NO. ELBOW PAD MOUNT 60720
DO NOT SCALE DRAWING		SCALE NONE	SHEET 2 OF 1



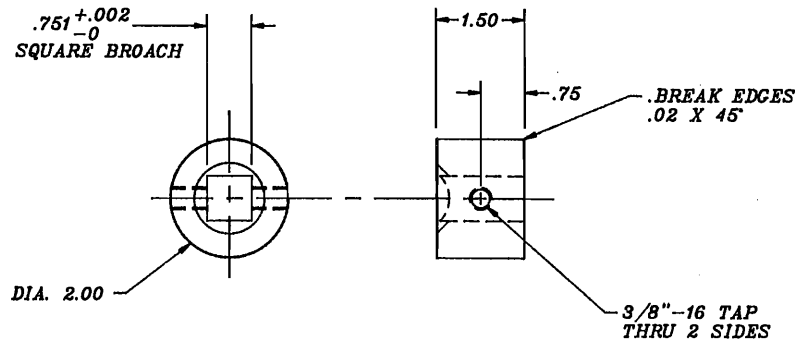
⑤ MAT'L. 1.00 DIA. C.R. STEEL
1 REQ'D.

		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.C.A. 92121 (619) 455-6952	
APPROVALS	DATE	TITLE	
HEWITT	11/91	ELBOW PAD MOUNT	
QUANTITY		SIZE / PSCM NO.1	DRAWING NO.1
		C	60720
TOLERANCES LINEAR .010 HOLE & DRIF CONCENTRICITY & .006 HOLE .006 HOLE .006 HOLE .006		ANGLE & DRIF CONCENTRICITY & .006 FLATNESS & .006 ROUNDNESS & .006	REV. A
DO NOT SCALE DRAWING		SCALE: 1:1	SHEET 2 OF 1

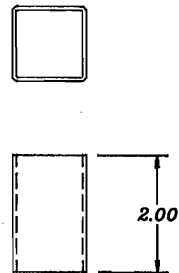


NOTE: COPPER, NICKLE, CHROME PLATE

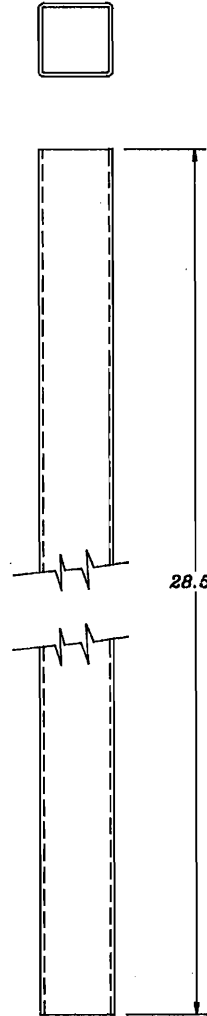
		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.C.A. 93121 (616) 466-6962	
APPROVALS	DATE	TITLE	
HEWITT	11/91	MAIN BAR ASS'Y.	
DESIGNER		SIZE	SCM. NO.1
TELEDIMENSION LINEAR: .004 .010 .0024 .005 .00024 .0005	ANGLES: & 0.5° CONCENTRICITY: & .005 FLATNESS: & .005 ROUNDNESS: & .005	DRAWING NO.1	REV.1
DO NOT SCALE DRAWING		SCALE:	60730 SHEET: 1 OF: 2



① MAT'L. C.R. STEEL
1 REQ'D.

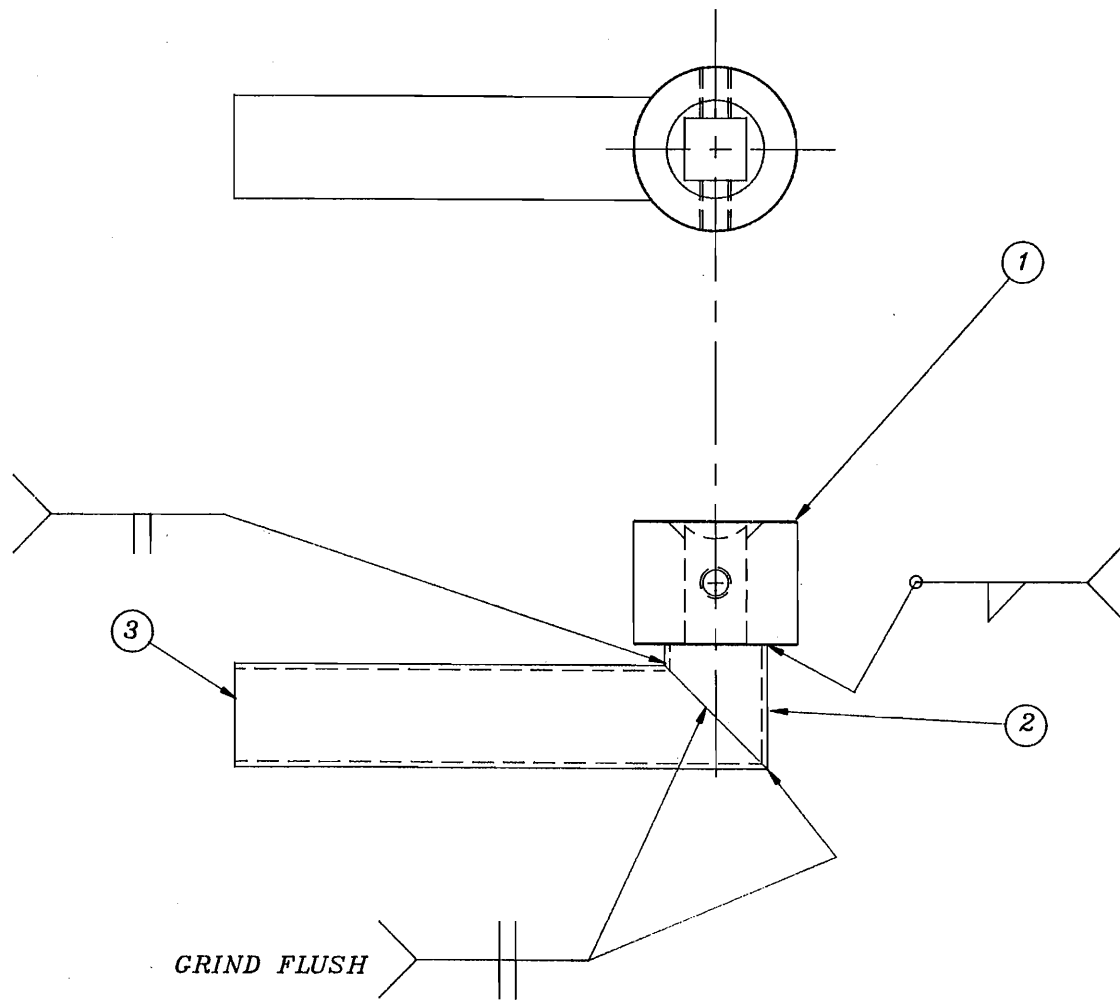


② MAT'L. TUBE, 1.25 SQ. X .065 WALL EW STEEL
1 REQ'D.



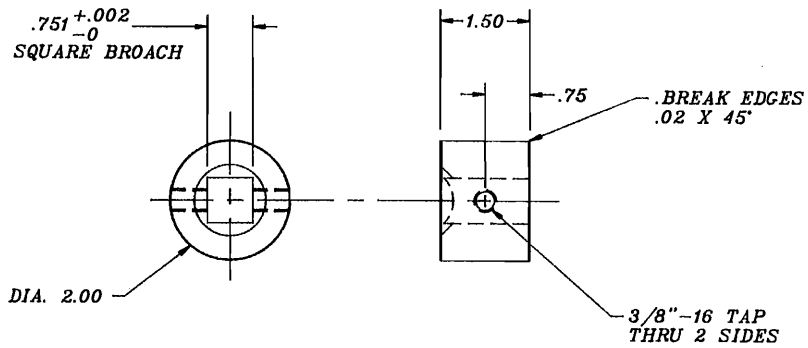
③ MAT'L. TUBE, 1.25 SQ. X .065 WALL EW STEEL
1 REQ'D.

		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D.CA. 92121 (619) 455-8962	
APPROVALS HEWITT		DATE 11/91	TITLE MAIN BAR ASS'Y.
TOLERANCES LINEAR .010 HOLE & GIP .005 ANGLES & GIP .005 CONCENTRICITY .005 FLATNESS .005 ROUNDNESS .005		SIZE: FSCM NO.1 C	DRAWING NO.1 60730 REV.1 A
DO NOT SCALE DRAWING		SCALE:	SHEET: 2 OF:

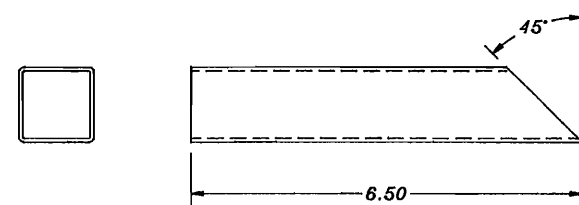


NOTE: COPPER, NICKLE, CHROME PLATE

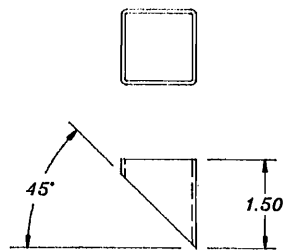
		ARIEL LIFE SYSTEMS INC. 1010 SORRENTO VALLEY RD. S.D.C.A. 92121 (619) 455-6962	
APPROVALS	DATE	TITLE:	
HEWITT	11/91	ANKLE DRIVE	
TOLERANCES:		SIZE: C	SCM NO.:
LINEAR .004	ANGLES $\pm 0.5^\circ$	DRAWING NO. 60740	
.002	CONCENTRICITY $\pm .005$	REV: A	
.0005	FLATNESS $\pm .005$	DO NOT SCALE DRAWING	
.0002	ROUNDNESS $\pm .005$	SCALE:	SHEET: 1 OF: 2



① MAT'L. C.R. STEEL
1 REQ'D.

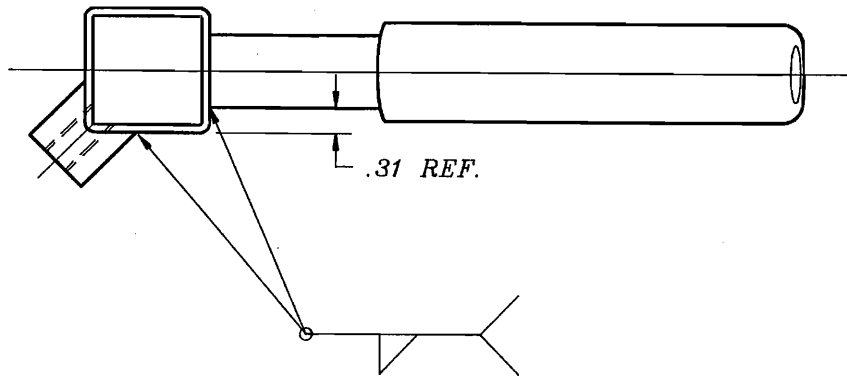


③ MAT'L. TUBE, 1.25 SQ. X .065 WALL EW STEEL
1 REQ'D.

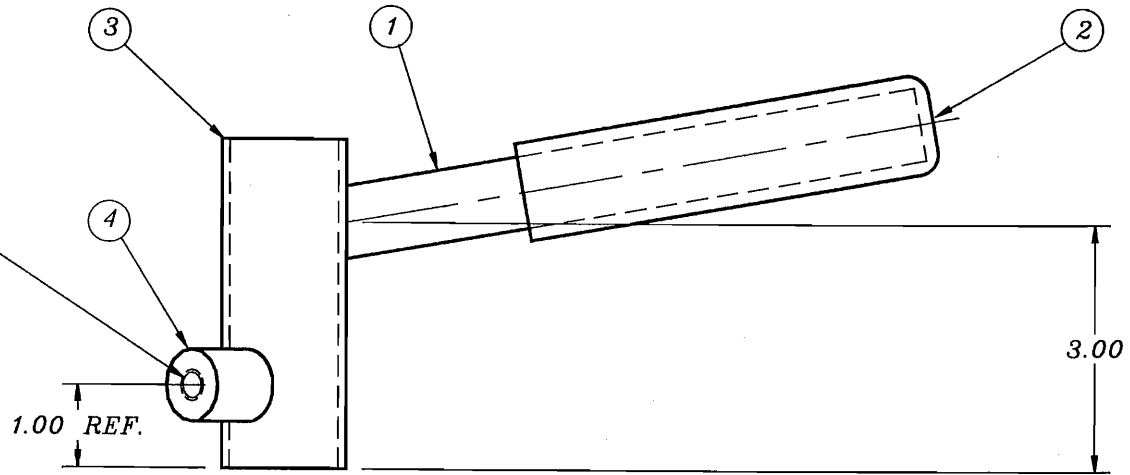


② MAT'L. TUBE, 1.25 SQ. X .065 WALL EW STEEL
1 REQ'D.

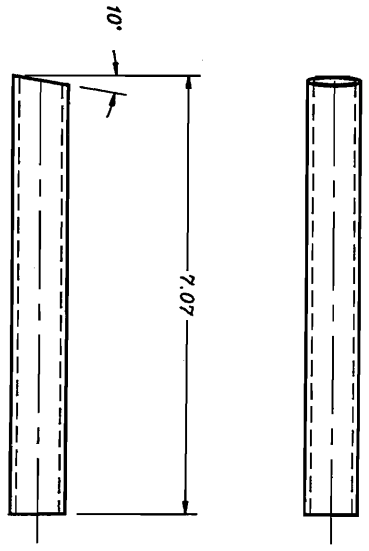
		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 465-6962	
APPROVALS	DATE	TITLE:	
HEWITT	11/91	ANKLE DRIVE.	
DRAWER		SIZE: C	FSCM NO.: DRAWING NO. 60740
TOLERANCES:	ANGLES ± 0.0°	APPROVER:	REV: A
LINEAR: .004 ± .010	CIRCULARITY: ± .005		
XXX ± .005	FLATNESS: ± .005	DO NOT SCALE DRAWING	SCALE: SHEET 2 OF
XXXX ± .0005	ROUNDNESS: ± .005		



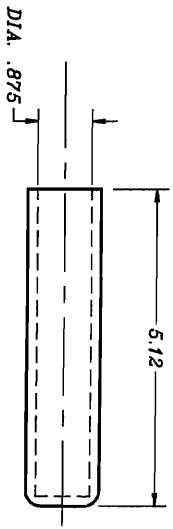
3/8"-16 RECHASE
AFTER WELDING



		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (619) 465-6952	
APPROVALS	DATE	TITLE:	
HEWITT	11/91	10° HANDLE	
SIZE: C	SCM NO.:	DRAWING NO.:	REV.:
DO NOT SCALE DRAWING	SCALE:	CAD FILE NO.:	SHEET: 1 OF: 2
TOLERANCES: ANGLES ± 0.5° LINEAR: .010 CONCENTRICITY ± .005 HOLE: .005 PLATNESS: ± .005 SURFACE: .005 ROUNDNESS: ± .005		APPROVED: _____ SIZE: C DRAWING NO.: 60750 REV.: A CAD FILE NO.: 60750 SHEET: 1 OF: 2	

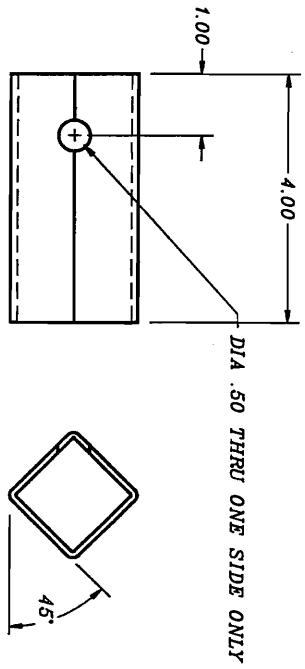


① MAT'L. TUBE, .88 DIA. X .095 WALL STEEL
1 REQ'D.

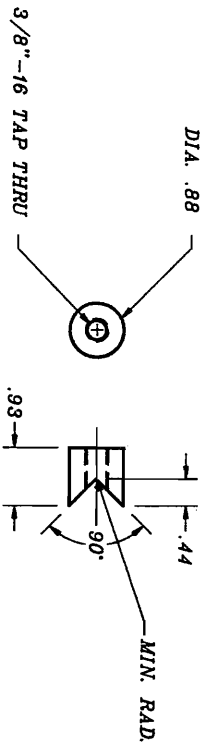


② MAT'L. GRIP, HUNT-WILDE #RTX FOR 7/8" BAR BLACK STK.#40 0181 055
ORDER FROM C&S SUPPLY
1617 W. COLLINS AVE
ORANGE CA. 92667
TEL 714-532-1319

1 REQ'D.

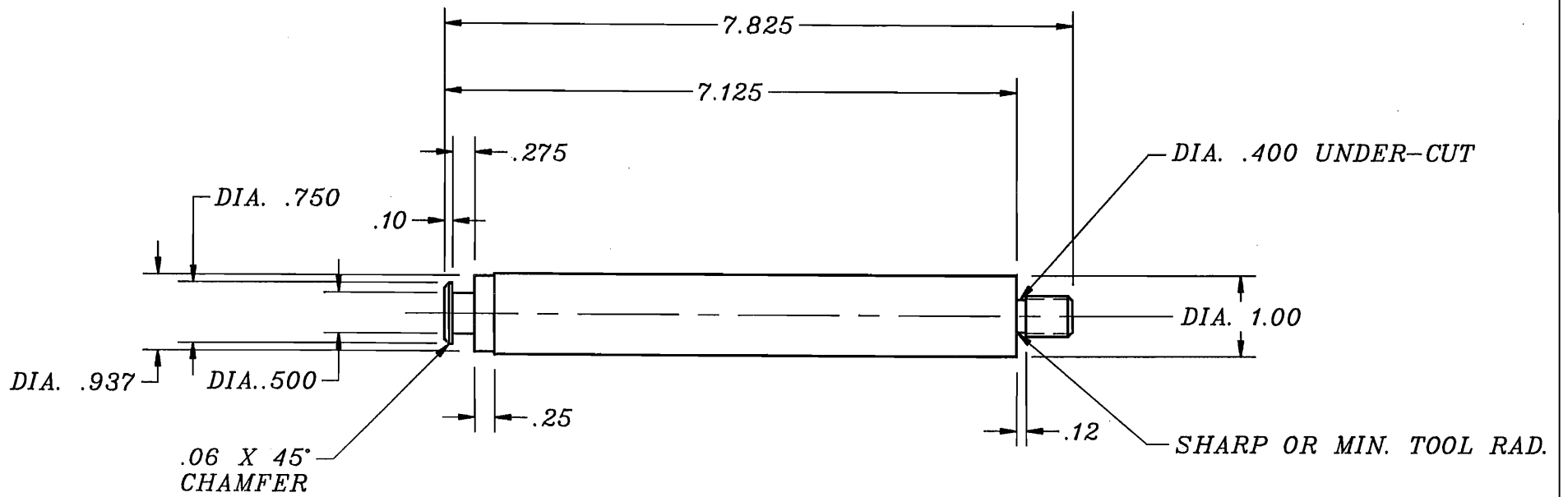


③ MAT'L. TUBE, 1.50 SQ. X .095 WALL, DOM STEEL
1 REQ'D.



④ MAT'L. C.R. STEEL
1 REQ'D.

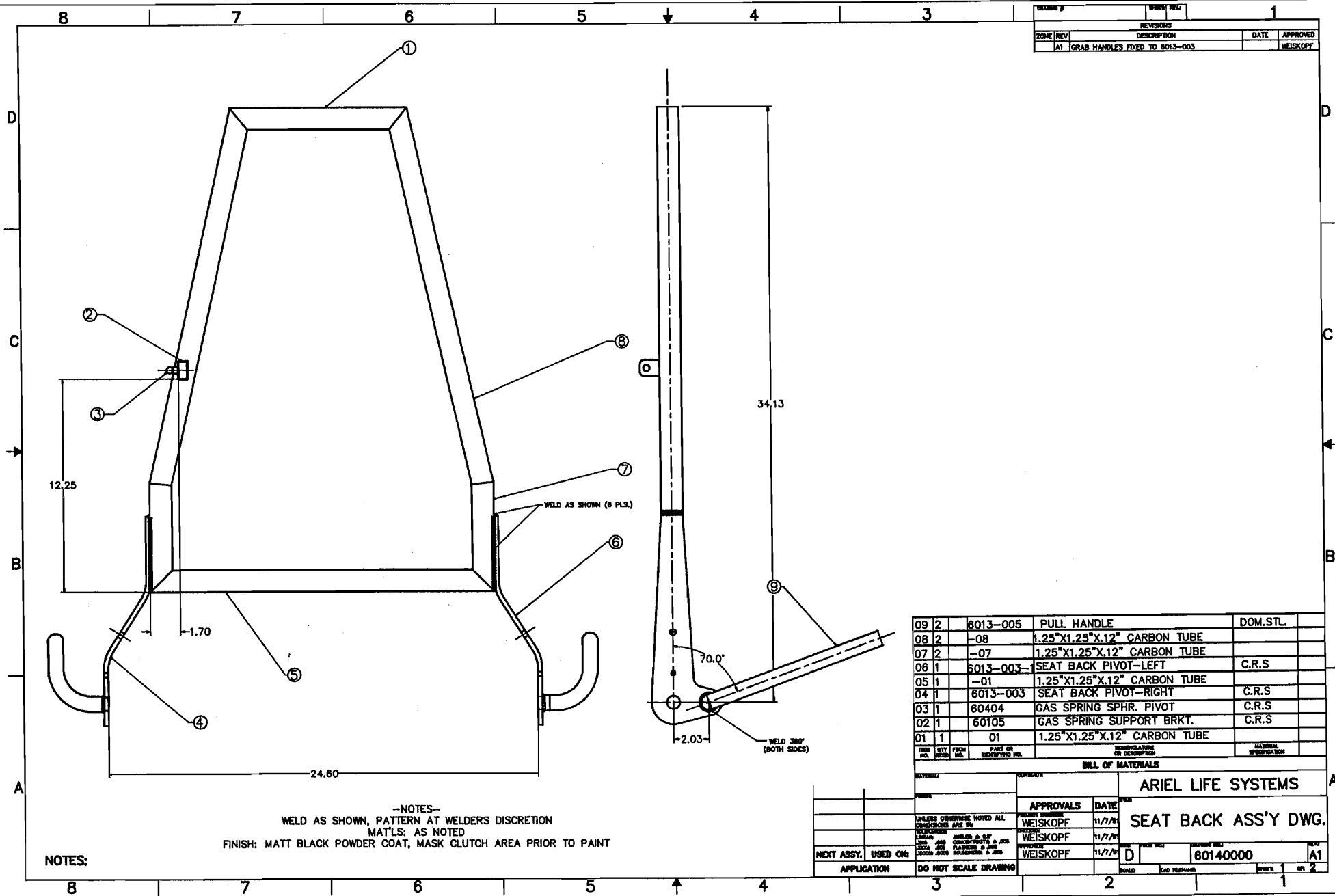
APPROVALS		DATE		TITLE	
HEWITT		11/91		ARIEL LIFE SYSTEMS INC. SUNBELT VALLEY RD. SUNBELT, CA. 92521 (619) 466-8862	
DRAWING NO.		DRAWING NO.		REV.	
60750		60750		A	
SCALE		SCALE		SHEET	
DO NOT SCALE DRAWING		60750		2 OF 2	



① MAT'L. 1.00 DIA. C.R. STEEL
 1 REQ'D.

		ARIEL LIFE SYSTEMS INC. 10110 SORRENTO VALLEY RD. S.D., CA. 92121 (818) 465-6962	
APPROVALS	DATE	TITLE:	
HEWITT	11/91	THREADED BAR	
TOLERANCES	ANGLES ± 0.0°	SIZE: FSCM NO.:	DRAWING NO.:
LINEAR .004 .010	CONCENTRICITY ± .005	C	60760
HOLES .005	FLATNESS ± .005	DO NOT SCALE DRAWING	REV: A
.0002± .0005	ROUNDNESS ± .005	SCALE:	SHEET: 1 OF 1
		60760	

REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	
A1		GRAB HANDLES FIXED TO 6013-003	WEISKOPF



NOTES:
 -NOTES-
 WELD AS SHOWN, PATTERN AT WELDERS DISCRETION
 MAT'L: AS NOTED
 FINISH: MATT BLACK POWDER COAT, MASK CLUTCH AREA PRIOR TO PAINT

QTY	FROM	PART OR IDENTIFIED NO.	MANUFACTURE OR DESCRIPTION	NAT'L SPECIFICATION
09	2	6013-005	PULL HANDLE	DOM.STL.
08	2	-08	1.25"x1.25"x.12" CARBON TUBE	
07	2	-07	1.25"x1.25"x.12" CARBON TUBE	
06	1	6013-003-	SEAT BACK PIVOT-LEFT	C.R.S
05	1	-01	1.25"x1.25"x.12" CARBON TUBE	
04	1	6013-003	SEAT BACK PIVOT-RIGHT	C.R.S
03	1	60404	GAS SPRING SPHR. PIVOT	C.R.S
02	1	60105	GAS SPRING SUPPORT BRKT.	C.R.S
01	1	01	1.25"x1.25"x.12" CARBON TUBE	

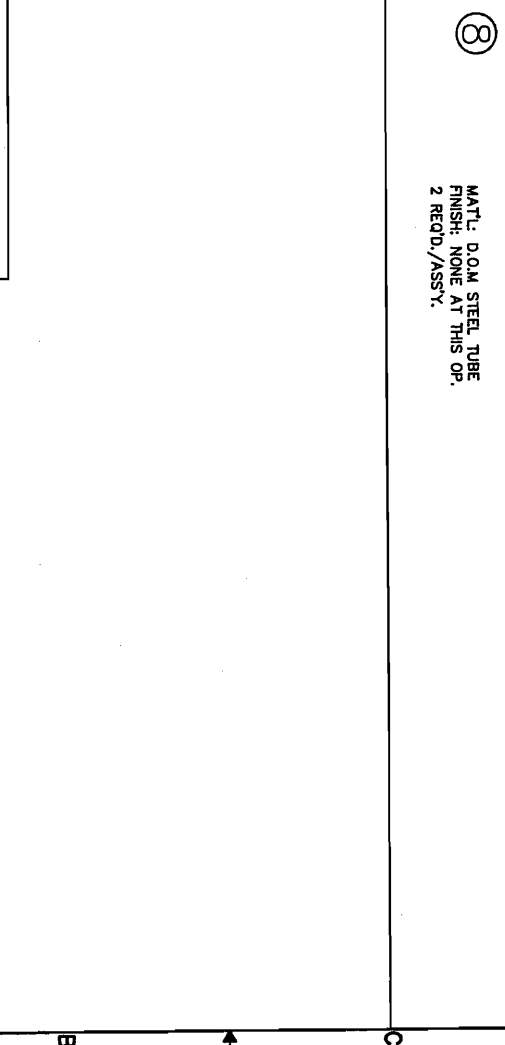
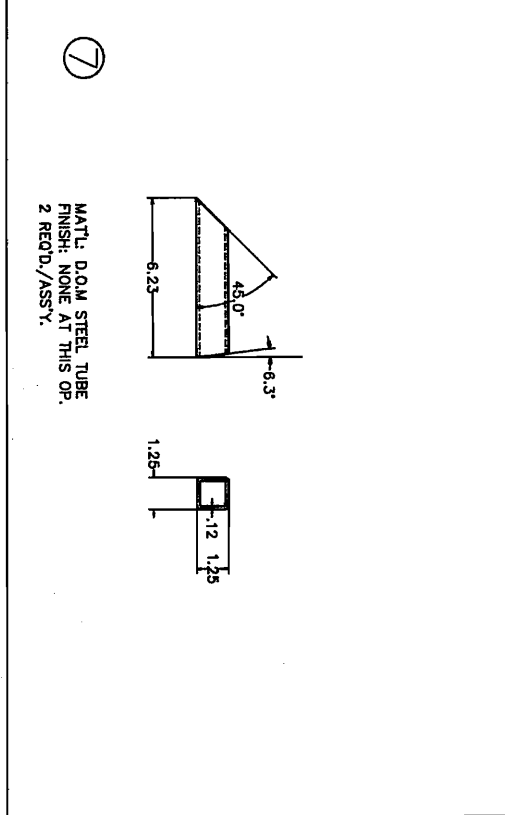
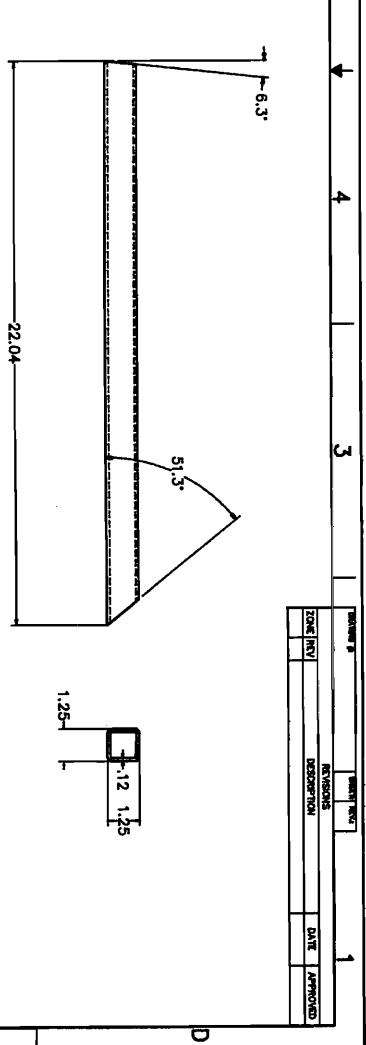
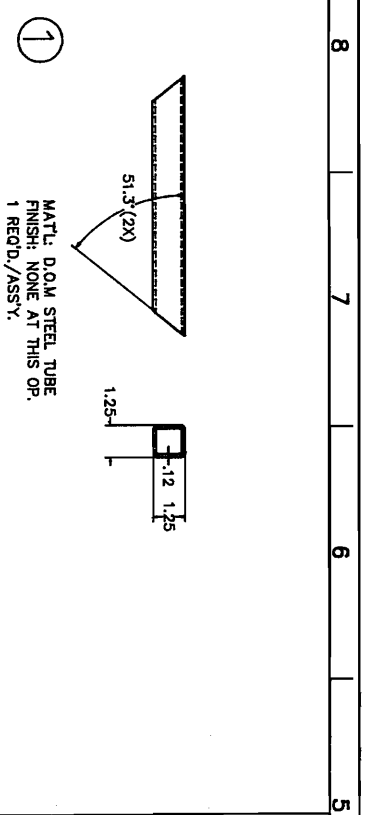
ARIEL LIFE SYSTEMS

SEAT BACK ASS'Y DWG.

APPROVALS	DATE	FILE
WEISKOPF	11/7/78	
WEISKOPF	11/7/78	
WEISKOPF	11/7/78	

UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES	SCALE	DATE	REV	ISSUED BY	ISSUED FOR
DATE: 11/7/78	SCALE: AS SHOWN	DATE: 11/7/78	REV: D	ISSUED BY: WEISKOPF	ISSUED FOR: 60140000
NEXT ASSY. USED ON:	APPLICATION: DO NOT SCALE DRAWING	DATE: 11/7/78	REV: D	ISSUED BY: WEISKOPF	ISSUED FOR: 60140000

ZONE	INVENTORY	DESCRIPTION	DATE	APPROVED



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
1/17/94	WESKOPF	ISSUED FOR MANUFACTURE	1/17/94	WESKOPF	APPROVED
1/17/94	WESKOPF	ISSUED FOR MANUFACTURE	1/17/94	WESKOPF	APPROVED
1/17/94	WESKOPF	ISSUED FOR MANUFACTURE	1/17/94	WESKOPF	APPROVED

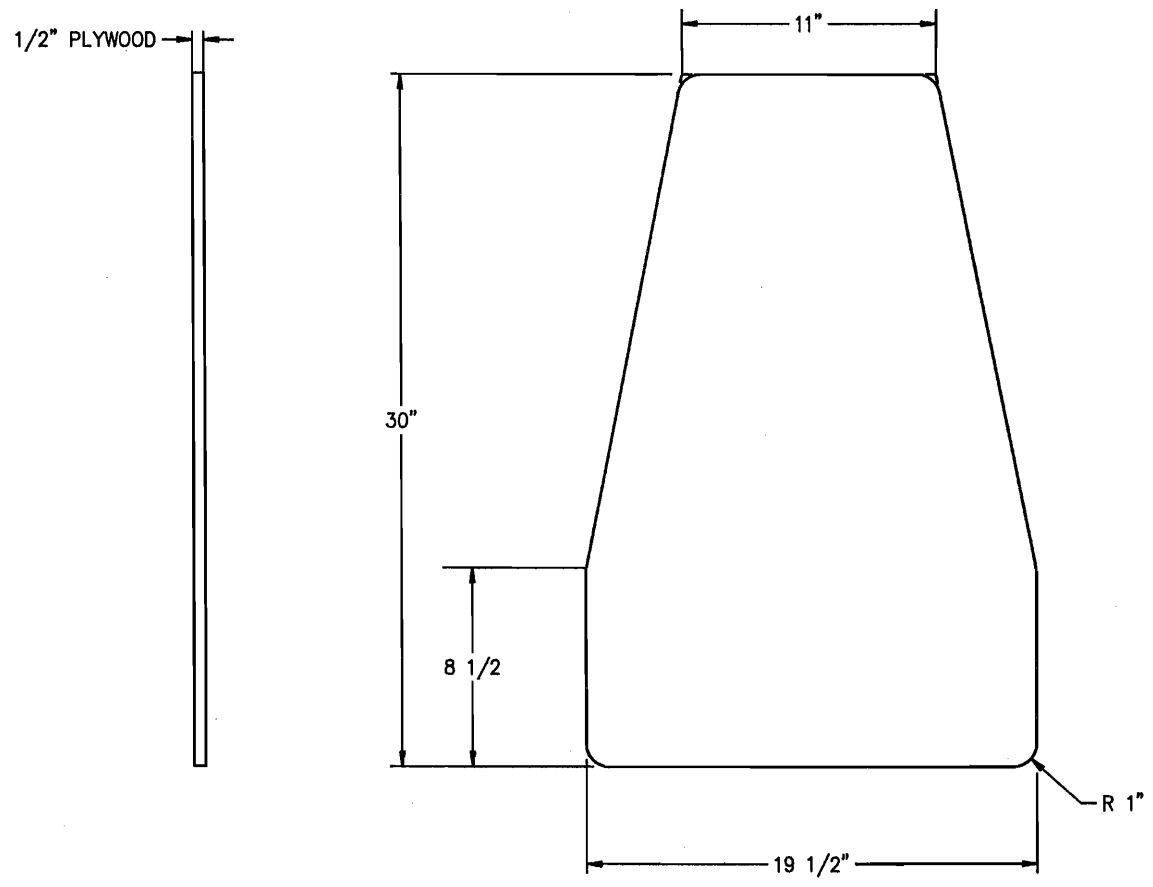
SEAT BACK ASS'Y DWG.

80140000

80140000



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



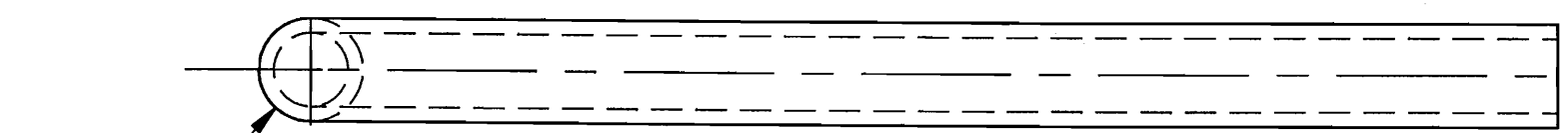
NOTES:
 MATERIAL: PLYWOOD, 2 GOOD SIDES
 FINISH: NONE
 MOUNTING HOLES LOCATED USING DRILL JIG.
 1/4-20 THREAD INSERTS THEN INSTALLED.

		ARIEL LIFE SYSTEMS	
		TITLE:	A/L SEAT BACK CUSHION ATTACHMENT BOARD
APPROVALS	DATE	SIZE:	FSCM NO. DRAWING NO. 60431
DESIGNED BY: [Signature]	12/12/91	C	REV. 1
CHECKED BY: [Signature]	12/12/91		
APPROVED BY: [Signature]	12/12/91	SCALE:	DO NOT SCALE DRAWING
TOLERANCES: LINEAR .004 ANGLES & O.F. .004 .006 CONCENTRICITY & .006 .004 .006 FLATNESS & .006 .0004 .0008 ROUNDNESS & .006		REV. 1	60431.DWG SHEET 1 OF 1

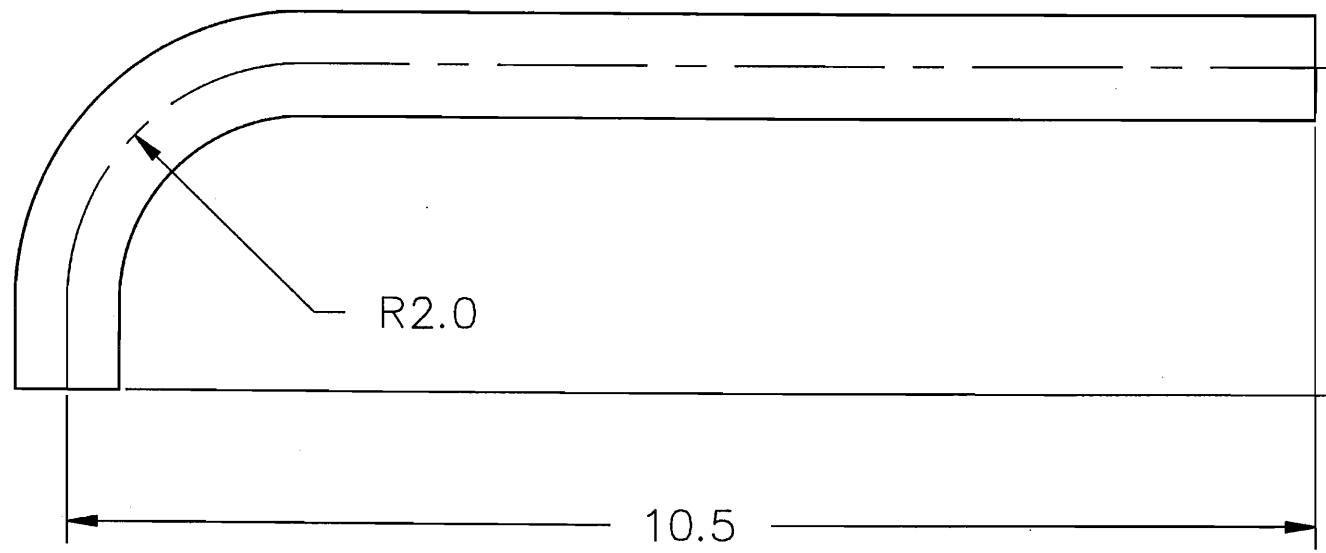
DRAWING #:

SHEET: REV.:

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A2	HANDLE MADE SYM., SHRTND.	4/12/91	WEISKOPF



Ø0.875



R2.0

10.5

2.75

-NOTES-
 MAT'L: 7/8 O.D X 5/8 I.D
 DOM. STEEL TUBE

NOTES:

ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION

BILL OF MATERIALS					
ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
MATERIAL:			CONTRACT:		
FINISH:			APPROVALS		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			DATE		
TOLERANCES:			TITLE:		
LINEAR: .001±			CAD OPERATOR: Paul R Beltopf		
ANGLES: ± 0.5°			DATE: 4/10/91		
CONCENTRICITY: ± .005			DRAWING NO.: 6013-005		
FLATNESS: ± .005			REV.: A2		
ROUNDNESS: ± .005			SIZE: FSCM NO.: B		
APPLICATION			DO NOT SCALE DRAWING		
			SCALE:		
			SHEET: OF:		

ARIEL LIFE SYSTEMS
 ARM/LEG PULL

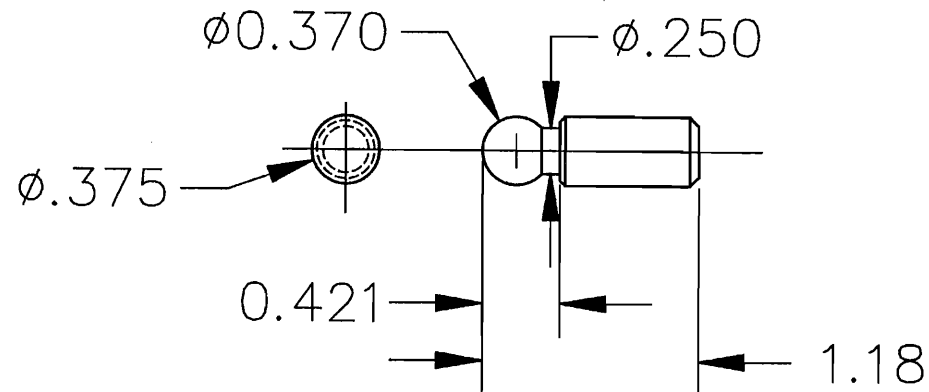
DRAWING #:

SHEET: REV.:

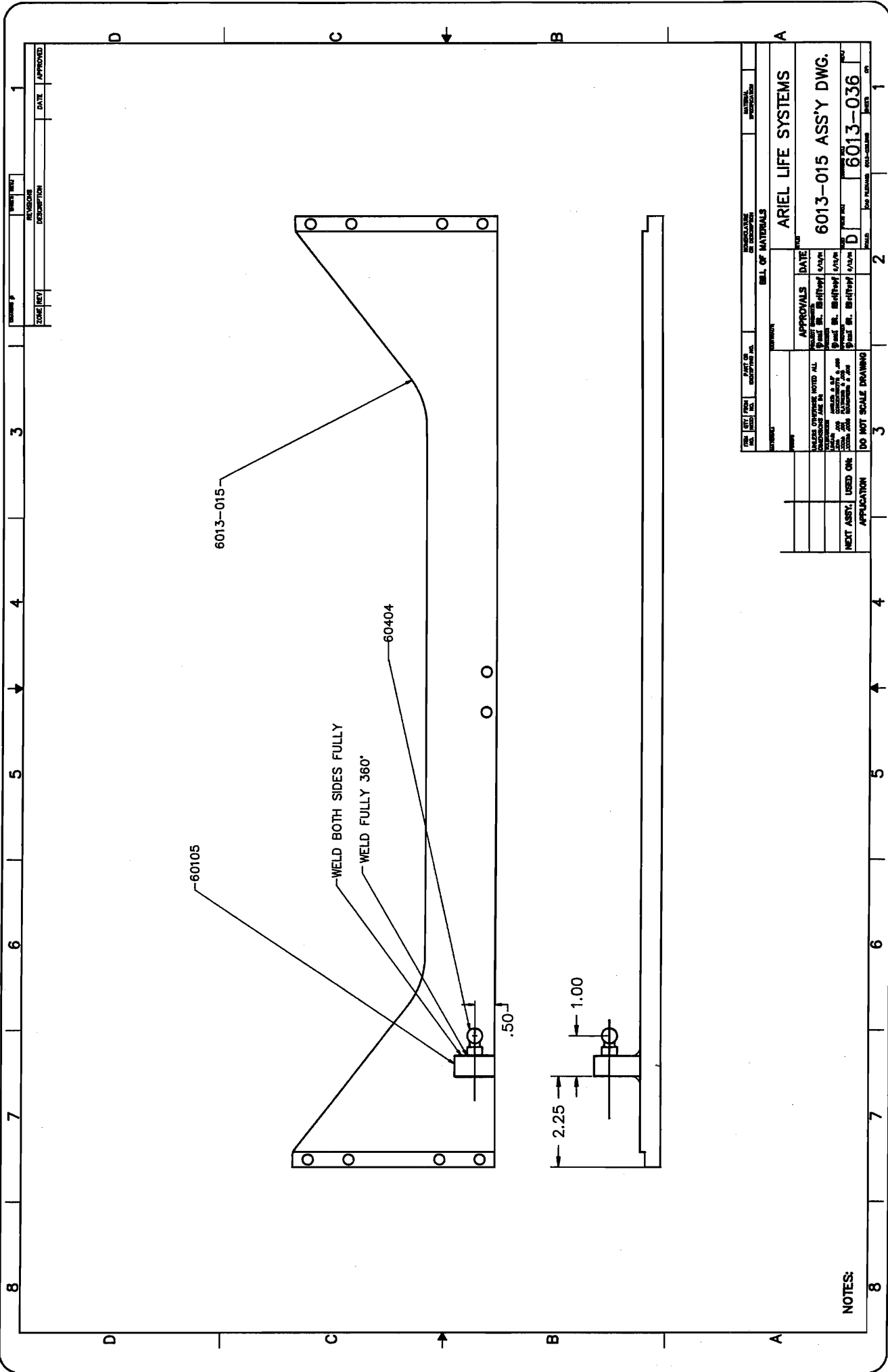
REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

MAT'L: C.R.S.
 FINISH: NONE (POWDER COAT AFTER WELD)



ITEM NO.	QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS					
MATERIAL:			CONTRACT:		
FINISH:			TITLE:		
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN: INCHES			ARIEL LIFE SYSTEMS		
TOLERANCES:			PIVOT, GAS SPRING		
LINEAR: .XX± .005 ANGLES: ± 0.5°			CAD OPERATOR: Paul M Weistopf 6/11/91		
.XXX± .001 CONCENTRICITY: ± .005			CHECKED: Paul M Weistopf 6/11/91		
.XXXX± .0005 FLATNESS: ± .005			APPROVED: Paul M Weistopf 6/11/91		
.XXXX± .0005 ROUNDNESS: ± .005			SIZE: FSCM NO.: DRAWING NO.: REV.:		
NEXT ASSY. USED ON APPLICATION			A A 60404 A1		
DO NOT SCALE DRAWING			SCALE: 1:1 CAD FILENAME: SHEET: OF:		



NOTES:

REVISION #	REVISION DESCRIPTION	DATE	APPROVED

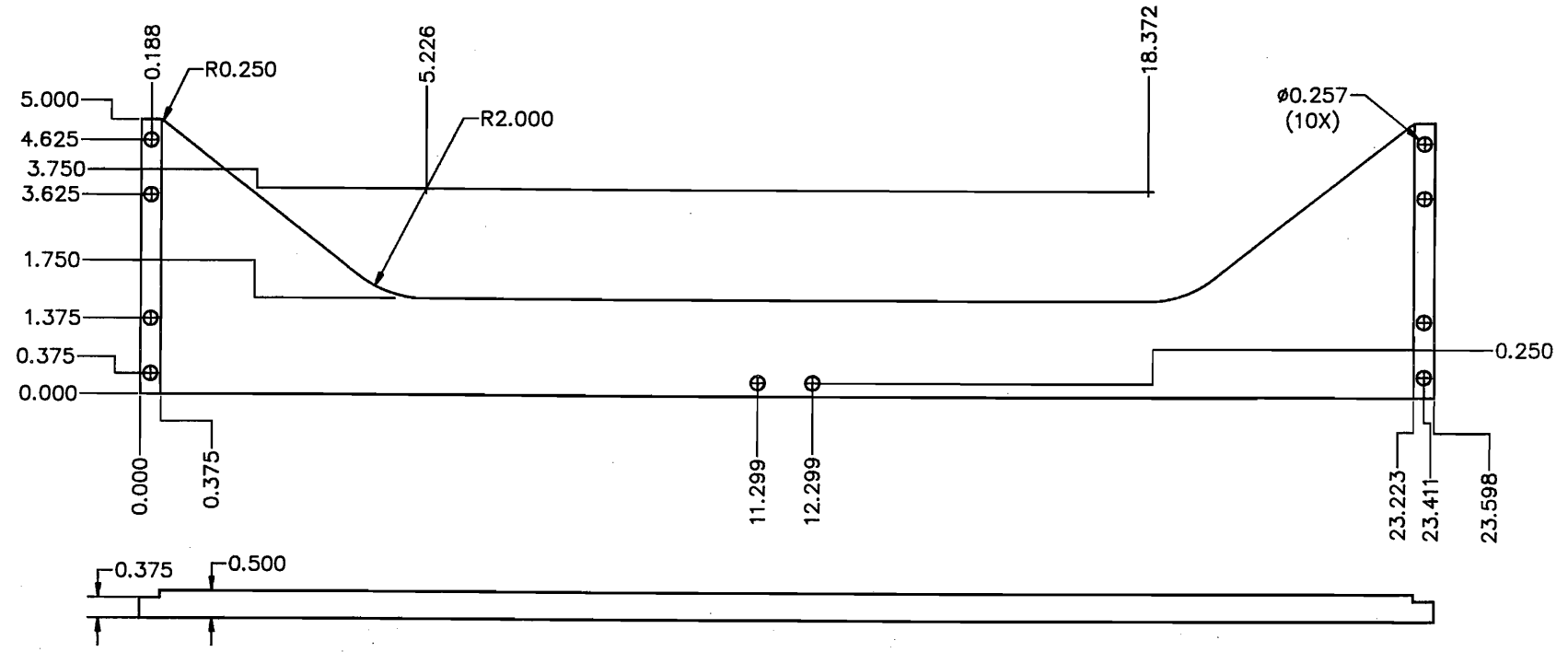
ITEM NO.	ITEM FROM	PART OR DESCRIPTION NO.	QUANTITY	REMARKS

APPROVALS	DATE

ARIEL LIFE SYSTEMS
 6013-015 ASS'Y DWG.
 6013-036

8

REVISION #	REVISIONS	DATE	APPROVED
ZONE KEY	DESCRIPTION		



-NOTES-
 MAT'L: C.R.S. FLAT BAR STRAIGHTEND TO FLAT
 FINISH: POWDER COAT AT ASS'Y.

NOTES:

FORM NO.	QTY FROM	PART OR	DESCRIPTION	MATERIAL
		DESCRIPTION NO.		SPECIFICATION
BILL OF MATERIALS				
APPROVALS			DATE	BY
UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES			11/2/92	REiffobf
TOLERANCES UNLESS OTHERWISE SPECIFIED			11/4/92	REiffobf
FINISH AND PLATING TO BE AS SPECIFIED			11/2/92	REiffobf
NEXT ASSY. USED ON:	APPLICATION:	DO NOT SCALE DRAWING	FORM NO. D	REVISION NO. 6013-015
			SHEET 1	OF 1

ARIEL LIFE SYSTEMS
 TRAVERSE STRIP,
 SEAT BACK

6013-015
 A1