

AERO 60/90 INDEX

Release 1.0

Preventative Care & Spare Parts



Trusted Partner for Your Product Decorating Needs

Trans Tech 475 North Gary Avenue, Carol Stream, IL 60188

Tel +1 (630) 752 4000 Fax +1 (630) 752 4467

Email sales@itwtranstech.com

www.itwtranstech.com www.itwids.com

A MEMBER OF



Preventative Maintenance

FOR AERO 60/90

- Test both side covers to make sure the switches are operational (AERO 60/90 ONLY)
- Wipe guide shafts
- Test E-Stop
- Drain regulator bowl

FOR AERO 60 ONLY

- Apply dry lube (McMaster p/n: 1200K21) to the compensating assembly bearing shafts (Ref DWG # H36-25-00)
- Check the rubber washers of the compensating mechanism to make sure they do not need to be replaced (Ref DWG# H36-19-00)

SPARE PARTS LIST AERO 60

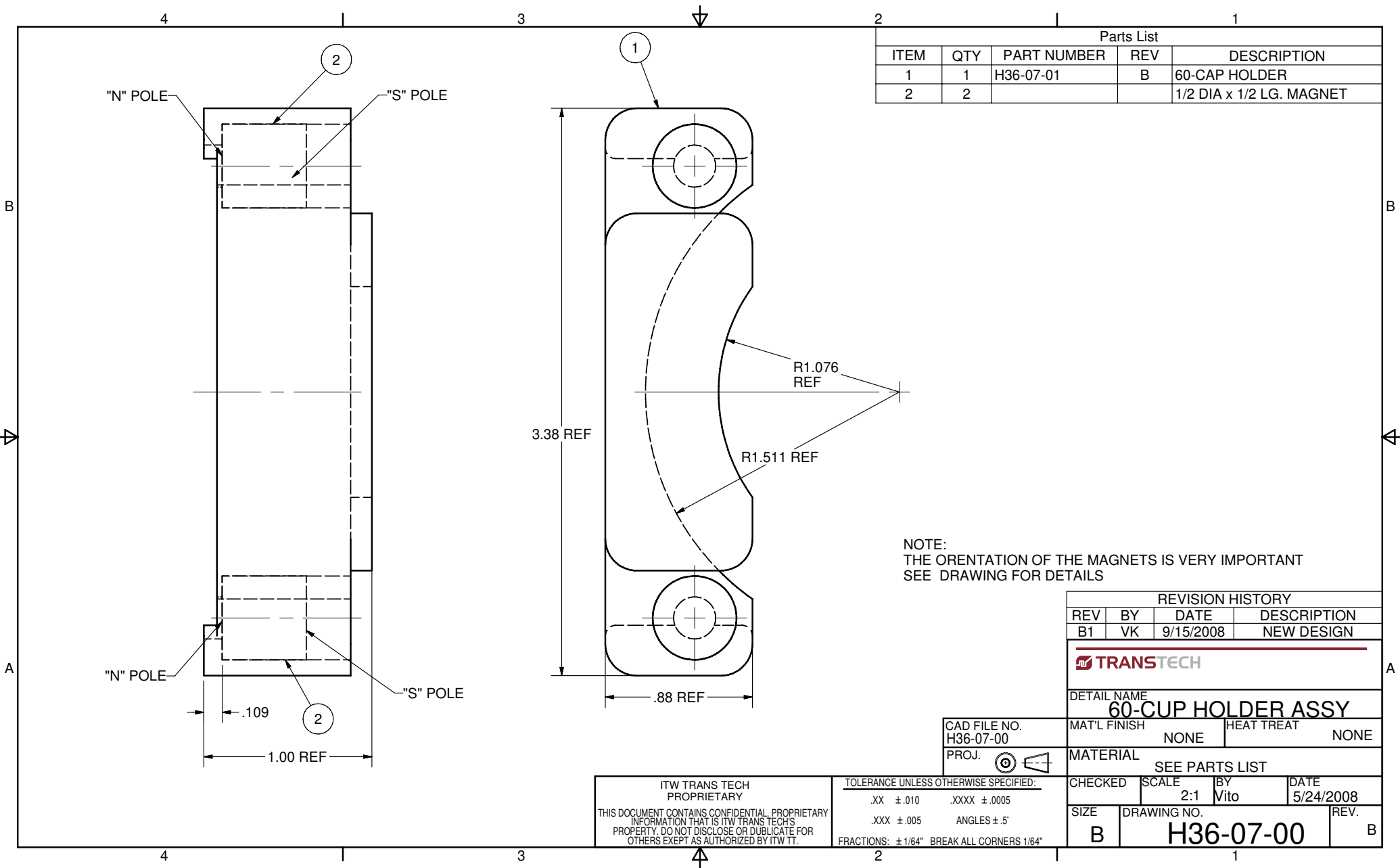
<u>DESCRIPTION</u>	<u>ASSEMBLY DWG. #</u>	<u>PART NUMBER</u>
60-CUP HOLDER ASSEMBLY	H36-07-00	H36-07-00

1.7 W.D 12 O.D X 65 LG COMPR. SPR.	H36-18-00	WH12-65
M6 x M12 LG. SHCS	H36-18-00	91290A318

RUBBER WASHER	H36-19-00	H36-00-70
SHOCK ABSORBER	H36-19-00	NRBC050-030
BUMPER	H36-19-00	9544K12
PLASTIC HOSE FOR SLIDE ASSEMBLY	H36-19-00	TIUB07B-33
RUBBER WASHER	H36-19-00	90133A425
CABLE FOR SLIDE ASSEMBLY	H36-19-00	108357A

LPS#1 GREASELESS LUBE	H36-25-00	1200K21
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M5 THUMB SCREW	H56-60-00	96016A249
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Parts List				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	H36-07-01	B	60-CAP HOLDER
2	2			1/2 DIA x 1/2 LG. MAGNET

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
B1	VK	9/15/2008	NEW DESIGN

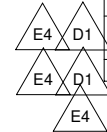
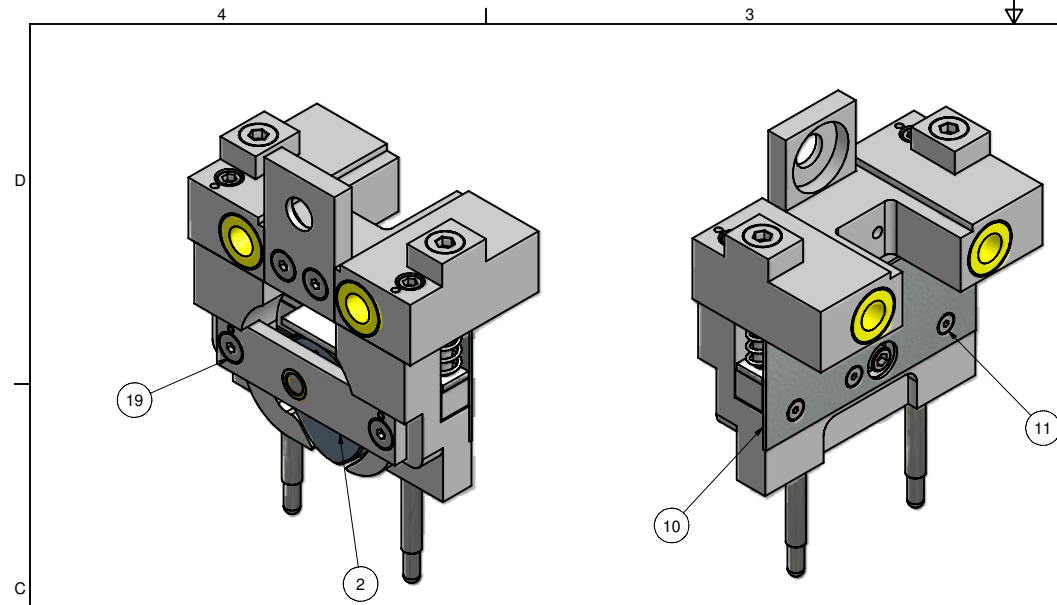


DETAIL NAME
60-CUP HOLDER ASSY

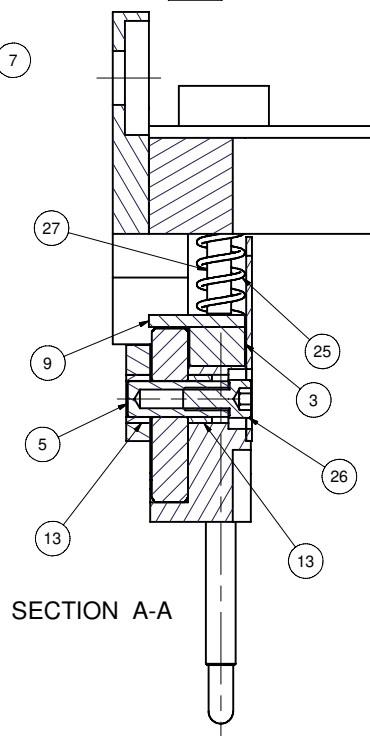
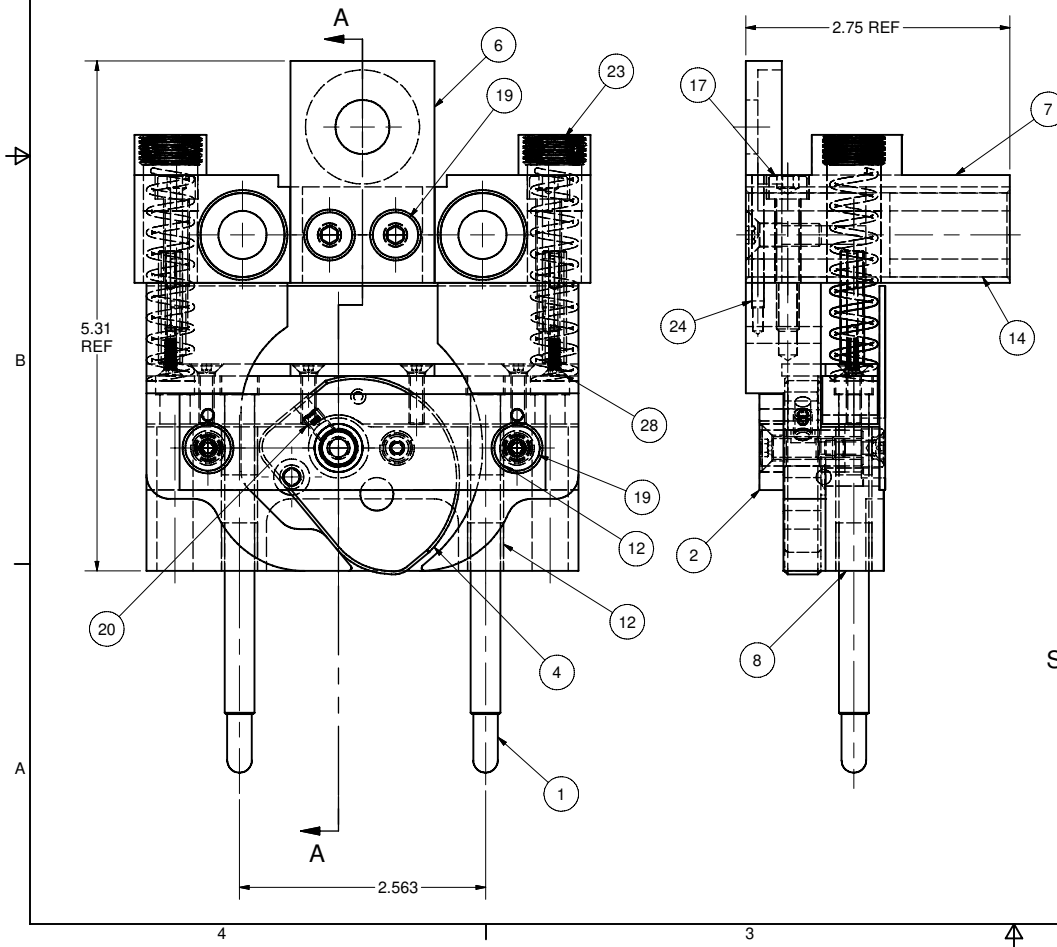
CAD FILE NO. H36-07-00	MAT'L FINISH NONE	HEAT TREAT NONE
PROJ. ①	MATERIAL SEE PARTS LIST	
CHECKED	SCALE 2:1	BY Vito
DATE 5/24/2008	SIZE B	DRAWING NO. H36-07-00
REV. B		

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.XX ±.010 .XXX ±.0005
.XXX ±.005 ANGLES ±.5°
FRACTIONS: ±1/64" BREAK ALL CORNERS 1/64"



Parts List					
ITEM	QTY	PART NUMBER	REV	DESCRIPTION	NOTES
1	2	H36-00-21	C1	ROD - CUP HOLDER	
2	1	H36-00-22	B	PLATE - CAM SUPPORT	
3	1	H36-00-23	A	BRACKET - CAP LIFTERS MTG	
4	1	H36-00-27	C2	CAM	
5	1	H36-00-28	A	ROD - LIFTER	
6	1	H36-00-30	A	PLATE - GUIDE	
7	1	H36-00-39	C3	BASE - CUP DRIVER	
8	1	H36-00-40	E2	BLOCK - CUP DRIVER LIFT	
9	1	H36-00-49	C4	PLATE - LIFTER	
10	1	H36-00-65	A	PLATE - GUARD	
11	3	91294A188		M4 x 8 LG. FHCS	
12	4	6391K153		5/16 I.D.x3/8 O.D. x 1/2 LG. BUSHING	
13	2	6391K171		3/8 I.D.x1/2 O.D. x 1/4 LG. BUSHING	
14	4	8356K12		1/2 I.D. LINEAR BRG	
15	1	84835A42		BALL PLUNGER	
17	2	91290A334		M6x 35 LG. SHCS	
18	4	91294A195		M4 x 16 LG. FHCS	
19	4	91294A240		M6 x 20 LG. FHCS	
20	1	91390A119		M5 x 8 LG. SSS CUP. PNT	
23	2	96235K9		5/8-18 DIE SPRG SCR CAP	
24	4	98381A471		1/8 x 1/2 LG. DWL PIN	
25	2	WH12-65	G	1.7 W.D. x 12 O.D. x 65 LG. COMPR. SPR.	
26	1	91290A318		M6 x 12 LG. SHCS	
27	2	H36-00-75		ROUND POST	SEE NOTE
28	2	91294A130		M3 x 10 LG. FHCS	

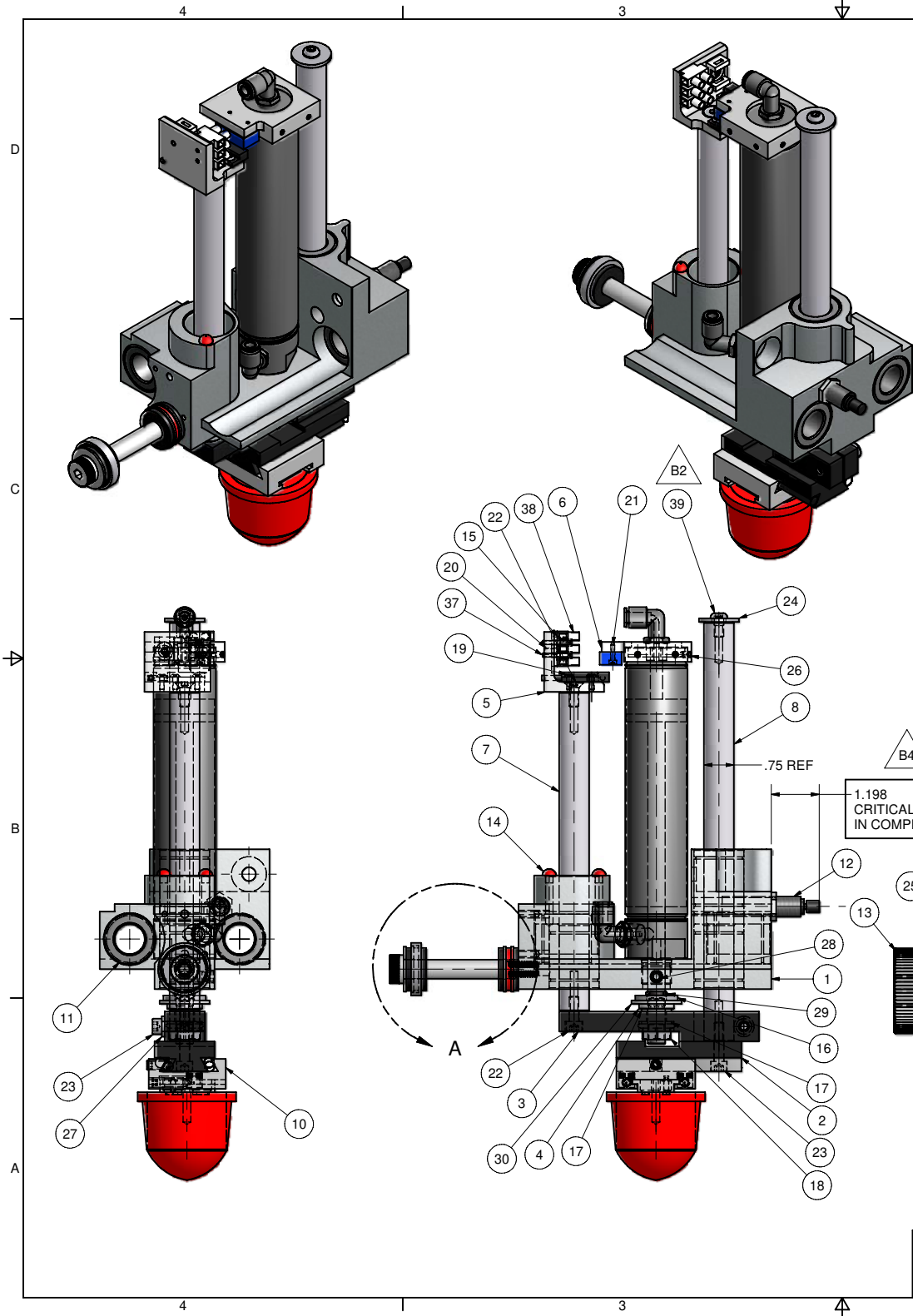


NOTE:
ITEM # 27 9 (H36-00-75) CAN BE REPLACED
WITH MISUMI HEXAGON POST
#LSBRK-30

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
B1	VK	9/12/2008	NEW DESIGN
C1	VK	12/29/2008	WAS REV-A
C2	VK	12/29/2008	WAS REV-B
C3	VK	12/29/2008	WAS REV-A
C4	VK	12/29/2008	WAS REV-B
D1	VK	2/13/2009	NEW ITEMS
D2	VK	2/13/2009	ADDED REV-D
D3	VK	2/13/2009	NEW SPRING
E1	VK	3/16/2009	ADDED REV-E
E2	VK	3/16/2009	ADDED REV-C
E3	VK	3/16/2009	ADDED REV-D
E4	VK	3/16/2009	ADDED NEW ITEMS
F	Vito	8/15/2009	WAS: G38-00-40
G	Vito	9/10/09	WAS: WT12-65

TRANSTECH			
DETAIL NAME CUP-60 SLIDER ASSY			
CAD FILE NO. H36-18-00-G	MAT'L FINISH NONE	HEAT TREAT NONE	
PROJ.	MATERIAL SEE PARTS LIST		
CHECKED	SCALE 1:1	BY Vito	DATE 6/2/2008
SIZE C	DRAWING NO. H36-18-00		REV. G

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Parts List					
ITEM	QTY	PART NUMBE	REV	DESCRIPTION	60 ITEM
1	1	H36-00-11	C6	PAD - CYLINDER	
2	1	H36-00-14	B4	BRACKET - PAD MOUNT	
3	1	H36-00-15	A	PLATE - VERTICAL END ROD	
4	1	H36-00-16		STOP - VERTICAL THRD	
5	1	H36-00-37	A	PLATE - SENSORS MTG	
6	1	H36-00-38	B5	PLATE - SENSOR MTG	
7	1	H36-00-50		SHAFT - VERTICAL SHORT	
8	1	H36-00-51		SHAFT - VERTICAL LONG	
9	2	H36-00-70	A C5	RUBBER WASHER	
10	1	H41-00-00	B6 E D	COUPLER AERO 60-90	
11	6	REF 60595K75		3/4 I.D.x1-1/4 O.D.x1-5/8 LG. LINEAR BEARINGS	
12	1	NRBC050-030		SHOCK ABSORBER	
13	1	92981A409	C2	M12 x 70 mm LG. SHOULDER SCREW	
14	2	9544K12		BUMPER	
15	1	7566K13		CABLE STRAP,	
		7130K41		CABLE TIES	
16	5	90133A425	C3	.49 I.D. x 1-1/16 O.D. x 1/8 THK. RUBBER WASHER	
17	2	90295A185		NYLON WASHER	
18	1	90566A225		7/16 x 20 HEX THIN JAM NUT	
19	4	91239A113		M3 x 8 LG. BHCS	
20	1	91239A140		M4 x 8 LG. BHCS	
21	2	91290A103		M2.5 x 10 LG. SHCS	
22	2	91290A321		M6x 16 LG. SHCS	
23	2	91290A330		M6 x 25 LG. SHCS	
24	1	93475A270		M8 FLAT WASHER	
25	4	92141A032	C4	1/2 I.D. x 1-1/8 O.D. x 1/16 THK. SST WASHER	
26	4	93245A112		M4 x 6 LG. SSS FL. PNT	
27	1	93475A250		M6 FLAT WASHER	
28	1	94095A139		M8 x 8 LG. NYLON TIP SET SCREW	
29	1	9262K221	B1	O-RING BUNA 2.4 W x 8.6 I.D.	
30	1	90108A417		3/8 WASHER	
37	2	91290A106		M2.5 x 16 LG. SHCS	
38	1	7618K612	B3	3 POS. TERMINAL BLOCK	
39	1	91239A318		M6 x 12 LG. SHCS	
40	1	H36-00-73	B	SPACER - SHOULDER SCREW	
41	1	H36-00-74		HOUSING - RUBBER WASHER	

SECTION

DETAIL A
SCALE 1.5

REVISION HISTORY				
REV	BY	DATE	DESCRIPTION	
A1	VK	9/16/2008	NEW DESIGN	
B1	VK	12/29/2008	WAS #9452K339	
B2	VK	12/29/2008	ADDED ITEM #39	
B3	VK	12/29/2008	WAS #7518K612	
B4	VK	12/29/2008	ADDED DIMENSION	
B4	VK	12/29/2008	ADDED REV-A	
B5	VK	12/29/2008	WAS REV-A	
B6	VK	12/29/2008	ADDED REV-D	
C1	VK	2/13/2009	NEW ITEM #40	
C2	VK	2/13/2009	WAS 9281A410	
C3	VK	2/13/2009	WAS: 3 REQ'D	
C4	VK	2/13/2009	WAS: 3 REQ'D	
C5	VK	3/5/2009	ADDED REV-A	
C6	VK	3/5/2009	ADDED REV-C	
D	VK	6/09/2009	ADDED REV-E	
E	VK	8/13/2009	WAS ITEM #25	

DETAIL NAME
60-PAD RAM SLIDE ASSY

CAD FILE NO. H36-19-00		MAT'L FINISH NONE		HEAT TREAT NONE	
PROJ.		MATERIAL SEE PARTS LIST			
CHECKED		SCALE 1:2	BY M/to	DATE 6/2/2008	
SIZE C		DRAWING NO. H36-19-00			REV. E

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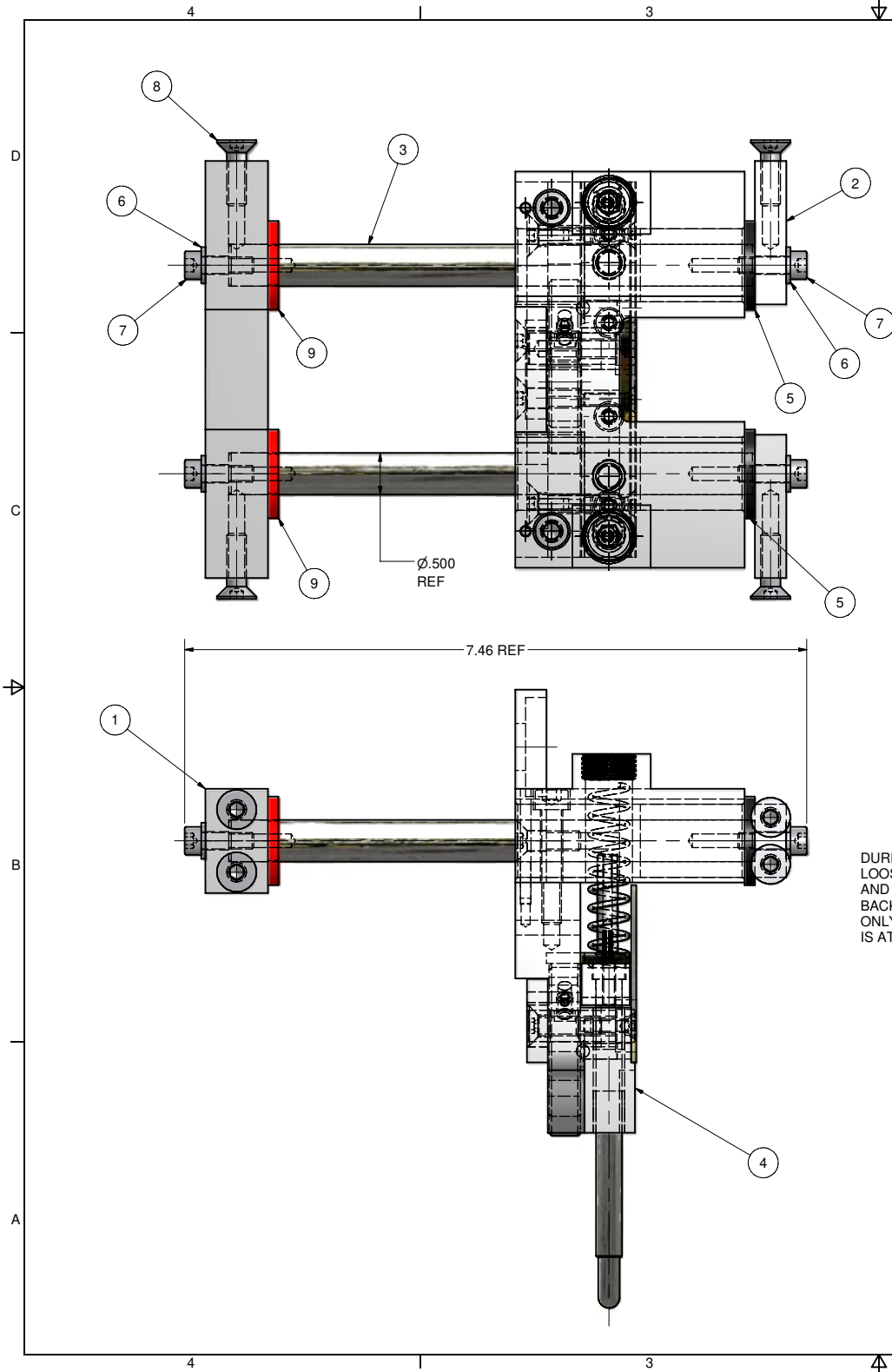
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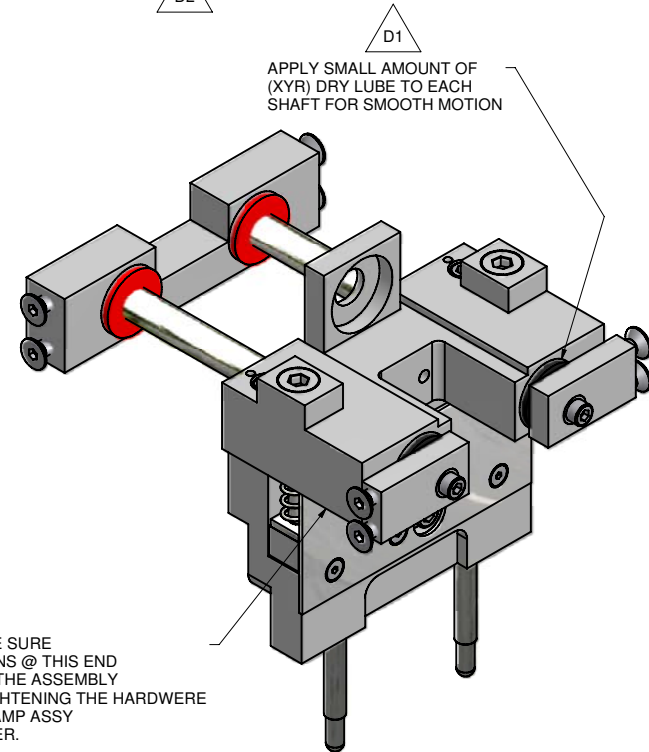
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DETAIL A
SCALE 1.5



Parts List				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	H36-00-25	A	PLATE - REAR END ROD DRIVER
2	2	H36-00-26	B1	PLATE - FRONT END ROD DRIVER
3	2	H36-00-54	A	SHAFT - CUP - 60
4	1	H36-18-00	A1/B2	CUP-60 SLIDER ASSY
5	2	90133A425	C	.49 I.D. x 1-1/16 O.D. X 1/8 THK
6	4	90965A160		RUBBER WASHER
7	4	91290A232		M5 x 16 LG. SHCS
8	8	91294A240		M6 x 20 LG. FHCS
9	2	H36-00-70		RUBBER WASHER
10	1	1200K21		LPS#1 GREASELESS LUBE



APPLY SMALL AMOUNT OF (XYR) DRY LUBE TO EACH SHAFT FOR SMOOTH MOTION

DURING ASSEMBLY, MAKE SURE LOOSEN ALL CONNECTIONS @ THIS END AND REPEATEDLY MOVE THE ASSEMBLY BACK & FORTH WHILE TIGHTENING THE HARDWARE ONLY WHEN THE CUP CLAMP ASSY IS AT THIS END OF PRINTER.

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
A1	VK	2/13/2009	ADDED REV-D
A2	VK	2/13/2009	WAS: 4-REQ'D
A3	VK	2/13/2009	ADDED NEW ITEM #9
B1	VK	2/13/2009	ADDED REV-B
B2	VK	3/16/2009	ADDED REV-F
C	VK	8/11/2009	WAS 90130A125
D1	VK	8/13/2009	ADDED NOTES
D2	VK	8/13/2009	ADDED ITEM #10

TRANSTECH

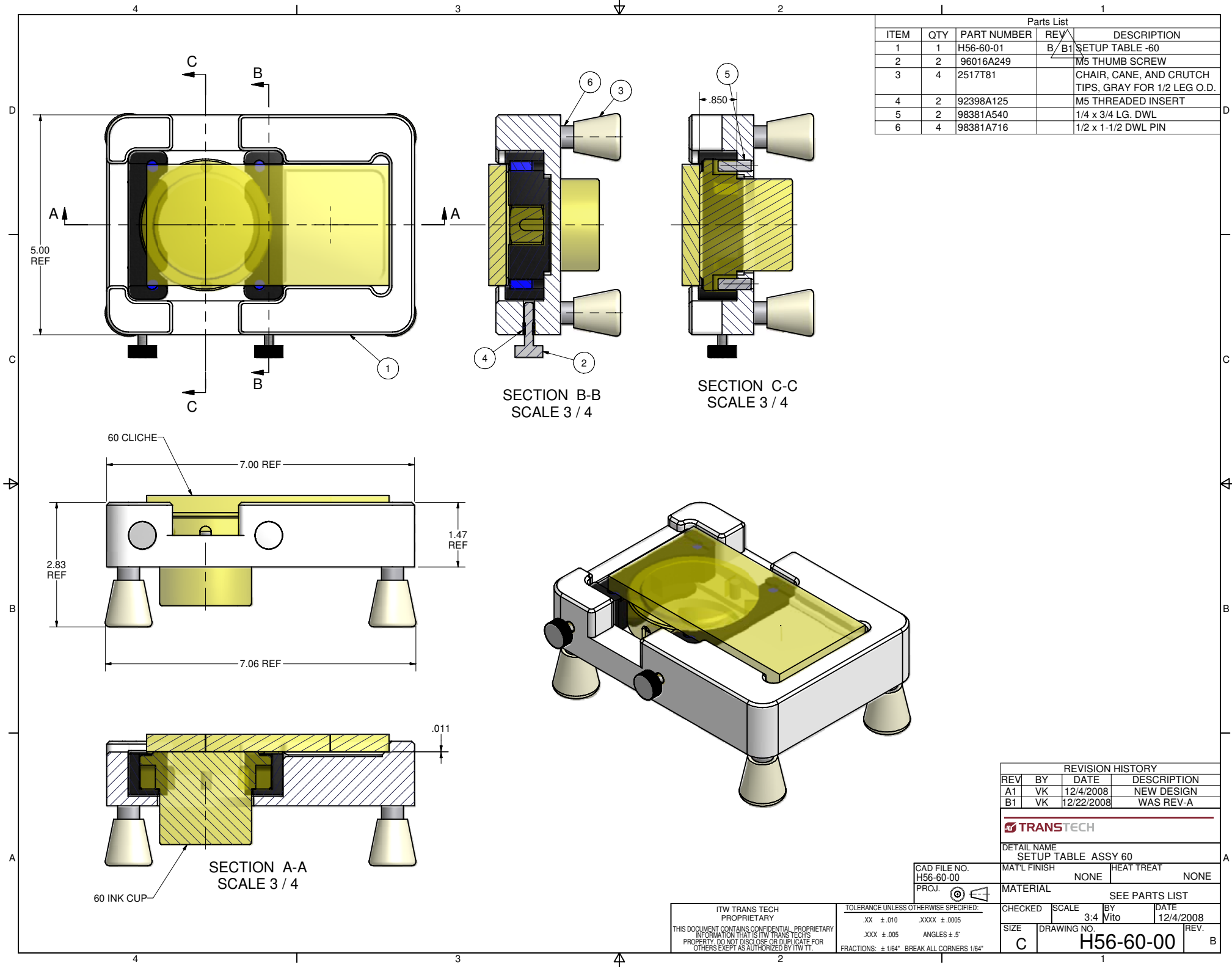
DETAIL NAME
CUP-60 DRIVE ASSY

CAD FILE NO. H36-25-00	MAT'L FINISH NONE	HEAT TREAT NONE
PROJ.	MATERIAL SEE PARTS LIST	CHECKED
SCALE 1:1	BY M/ito	DATE 12/28/2008
SIZE C	DRAWING NO. H36-25-00	REV. D

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FRACTIONS: ± 1/64" BREAK ALL CORNERS 1/64"

Parts List				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	H56-60-01	B/B1	SETUP TABLE -60
2	2	96016A249		M5 THUMB SCREW
3	4	2517T81		CHAIR, CANE, AND CRUTCH TIPS, GRAY FOR 1/2 LEG O.D.
4	2	92398A125		M5 THREADED INSERT
5	2	98381A540		1/4 x 3/4 LG. DWL
6	4	98381A716		1/2 x 1-1/2 DWL PIN



SPARE PARTS LIST AERO 60-90

DESCRIPTION	ASSEMBLY DWG. #	PART NUMBER
E-STOP ASSEMBLY (PICTURED, NOT BALLOONED)	9901-03-000R-1/2	D7D-MT44X02
TINY VISE EDGE CLAMP	9901-03-000R-1/2	56030
PLATE-CLAMP CLICHÉ	9901-03-000R-1/2	H36-00-45

FILTER REGULATOR	H36-05-00	AW20K-NO2BE-CZ
SOFT STARTUP VALVE	H36-05-00	AV2000-DVM02654
SPEED CONTROLLER	H36-05-00	AS1001F-07-3
SPEED CONTROLLER	H36-05-00	AS2051AF-07-3
SOLENOID VALVE	H36-05-00	SY5120-5DZ-01T

90- CUP HOLDER ASSEMBLY	H36-06-00	H36-06-00
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15 PIN D-SUB ASS'Y. (JUMPS PIN #6 TO #13 ON 15 PIN CONN.)	H36-20-00	2146T13
FUSE FOR POWER ENTRY MODULE (CCM1384-ND)	H36-20-00	AGC-4

EXT./ RET. PROX SENSOR (HORIZONTAL)	H36-23-00	D-C73
CYLINDER (HORIZONTAL)	H36-23-00	NCMZ1-GAM02-0500
CYLINDER (VERTICAL)	H36-23-00	NCMZ5-GAM03-005
SHOCK ABSORBER	H36-23-00	NRBC050-030

SHOCK ABSORBER	H36-24-00	NRBC050-030
CABLE FOR SLIDE ASSEMBLY	H36-24-00	108357A
SENSOR- VERTICAL CYCLINDER	H36-24-00	MM.A.6
BUMPER	H36-24-00	9544K12
PLASTIC HOSE FOR SLIDE ASSEMBLY	H36-24-00	TIUB07B-33

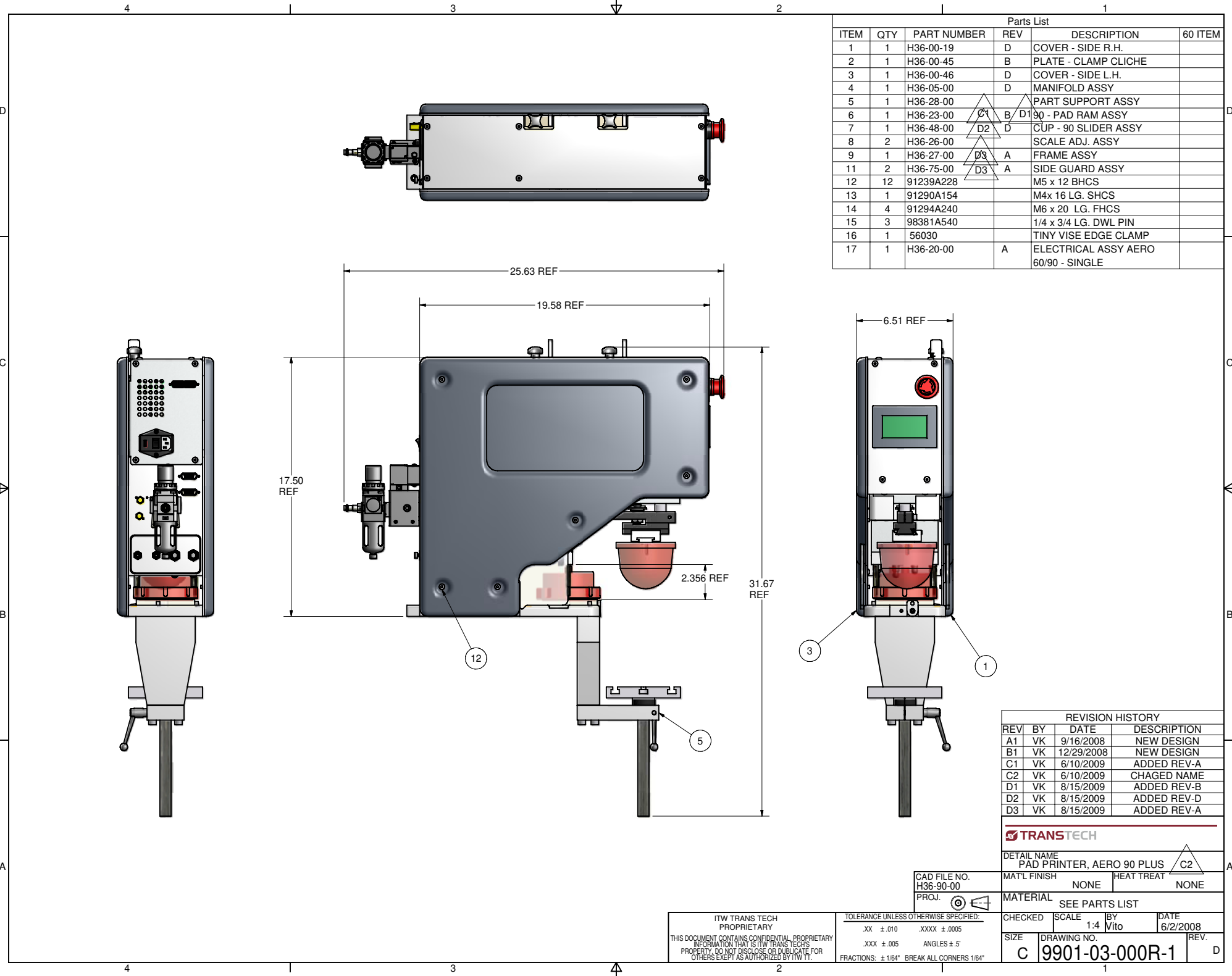
FOUR ARM KNOB	H36-26-00	6390K52
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HANDLE	H36-28-00	6848K51
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M6 x M12 LG. SHCS	H36-48-00	91290A318
COMPR. SPRING (90 ONLY)	H36-48-00	WT13-65

GUARD SWITCH	H36-75-00	6X392
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M5 THUMB SCREW	H56-90-00	96016A249
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Parts List					
ITEM	QTY	PART NUMBER	REV	DESCRIPTION	60 ITEM
1	1	H36-00-19	D	COVER - SIDE R.H.	
2	1	H36-00-45	B	PLATE - CLAMP CLICHE	
3	1	H36-00-46	D	COVER - SIDE L.H.	
4	1	H36-05-00	D	MANIFOLD ASSY	
5	1	H36-28-00		PART SUPPORT ASSY	
6	1	H36-23-00	C1	90 - PAD RAM ASSY	
7	1	H36-48-00	D2	CUP - 90 SLIDER ASSY	
8	2	H36-26-00		SCALE ADJ. ASSY	
9	1	H36-27-00	D3	FRAME ASSY	
11	2	H36-75-00	D3	SIDE GUARD ASSY	
12	12	91239A228		M5 x 12 BHCS	
13	1	91290A154		M4x 16 LG. SHCS	
14	4	91294A240		M6 x 20 LG. FHCS	
15	3	98381A540		1/4 x 3/4 LG. DWL PIN	
16	1	56030		TINY VISE EDGE CLAMP	
17	1	H36-20-00	A	ELECTRICAL ASSY AERO 60/90 - SINGLE	

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
A1	VK	9/16/2008	NEW DESIGN
B1	VK	12/29/2008	NEW DESIGN
C1	VK	6/10/2009	ADDED REV-A
C2	VK	6/10/2009	CHAGED NAME
D1	VK	8/15/2009	ADDED REV-B
D2	VK	8/15/2009	ADDED REV-D
D3	VK	8/15/2009	ADDED REV-A

TRANSTECH

DETAIL NAME
PAD PRINTER, AERO 90 PLUS

MAT'L FINISH
NONE

HEAT TREAT
NONE

MATERIAL
SEE PARTS LIST

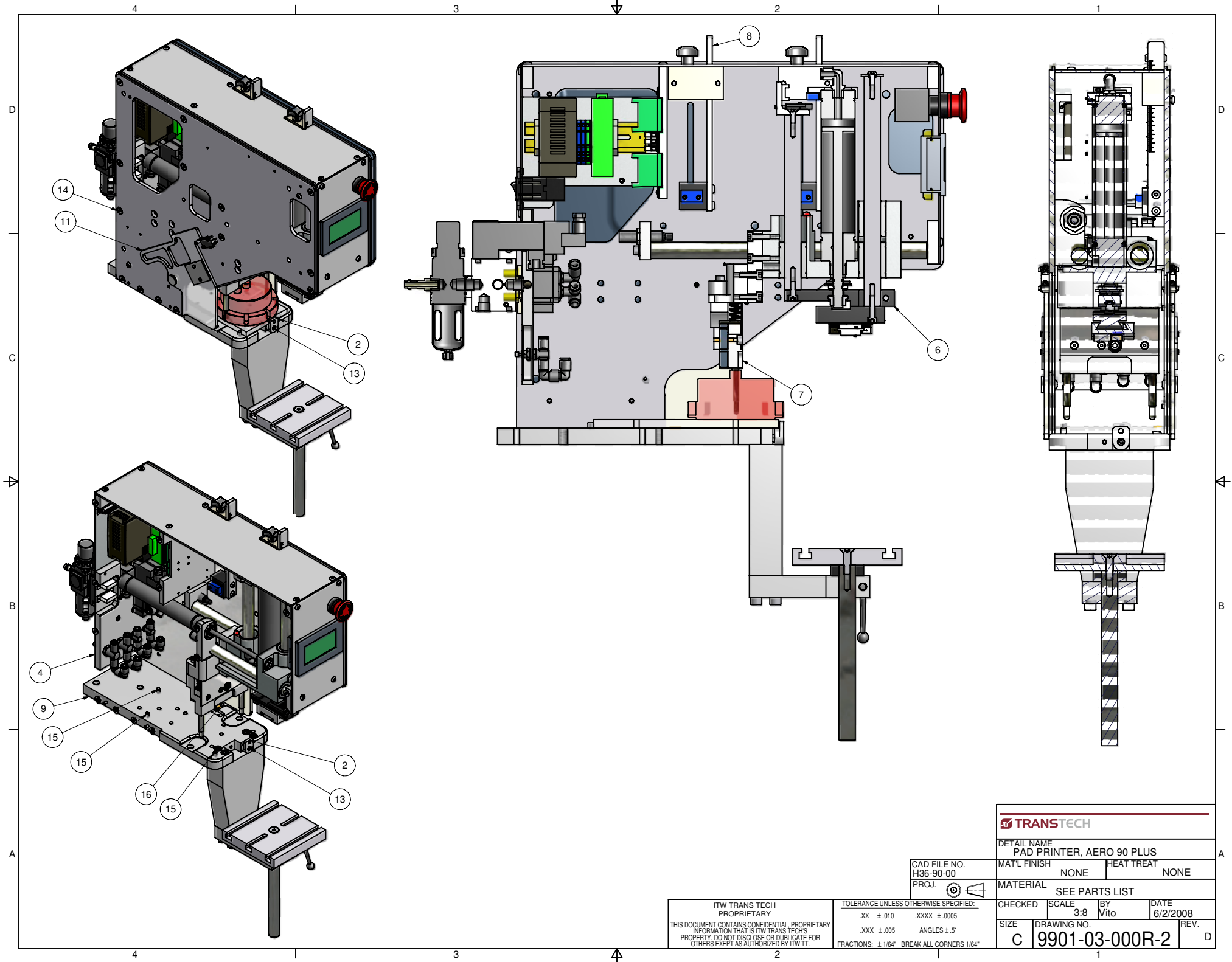
CHECKED
SCALE
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DRAWING NO.
9901-03-000R-1

REV.
D

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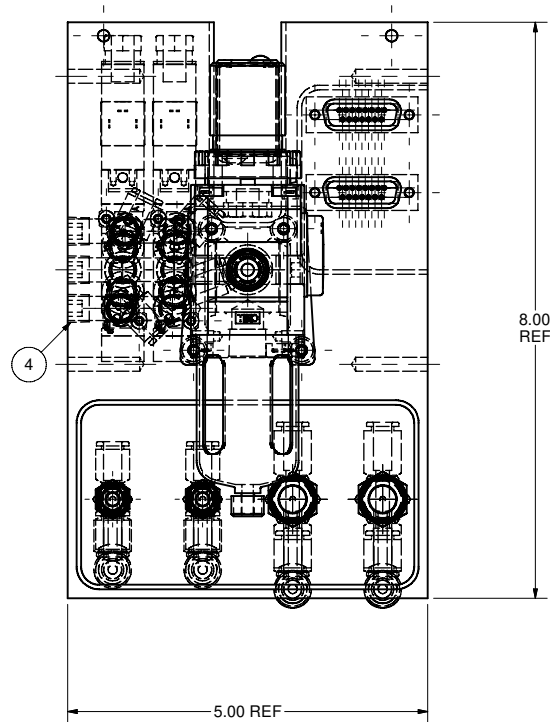
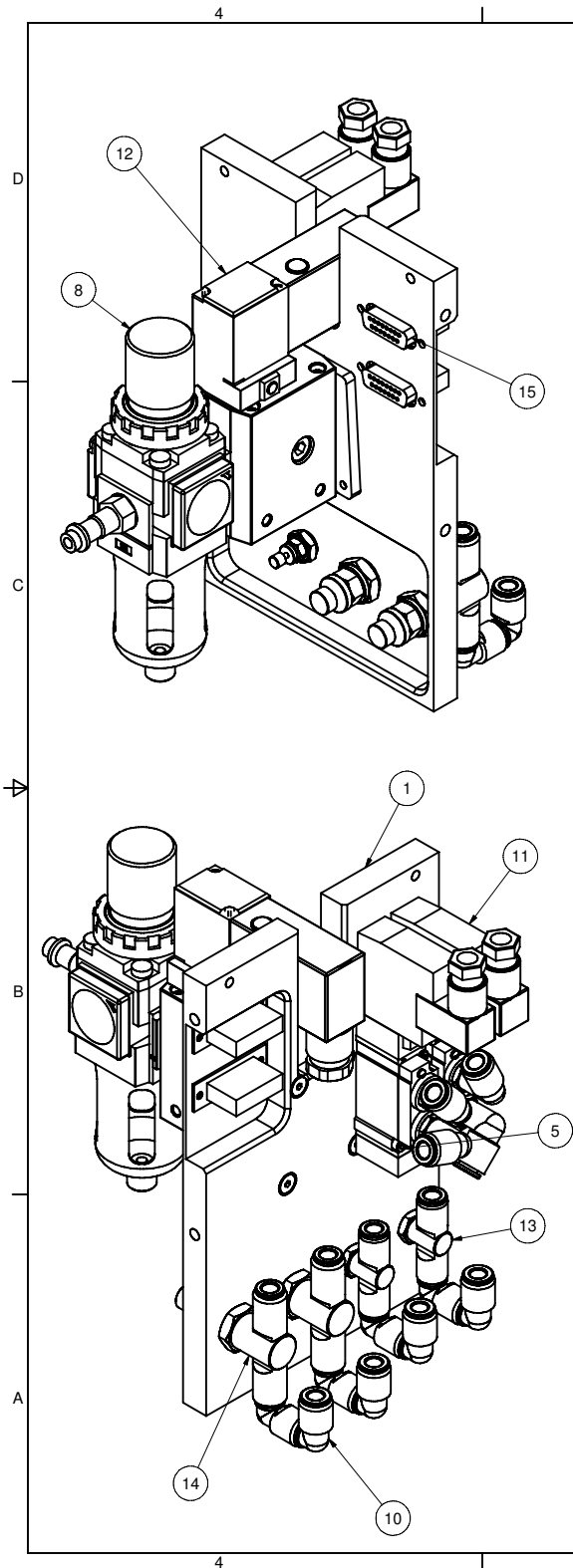
TRANSTECH

DETAIL NAME
PAD PRINTER, AERO 90 PLUS

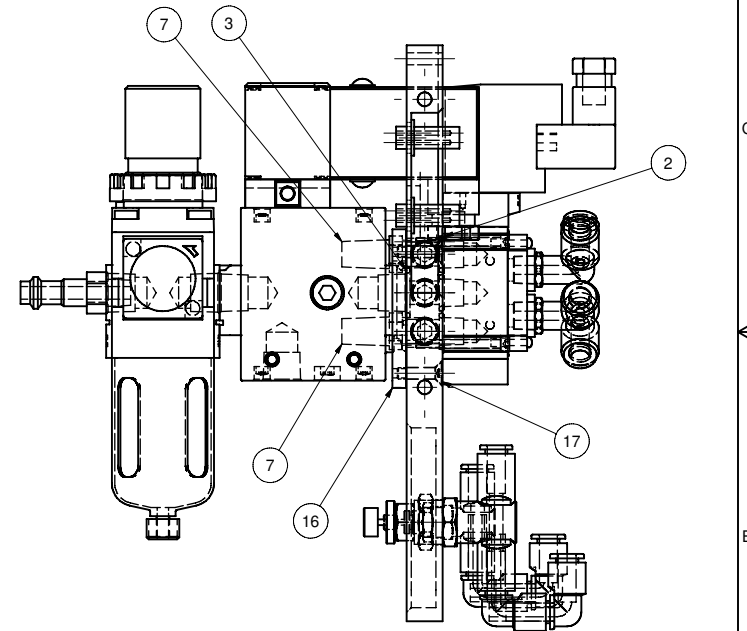
CAD FILE NO. H36-90-00		MATT'L FINISH NONE		HEAT TREAT NONE	
PROJ. 		MATERIAL SEE PARTS LIST			
S OTHERWISE SPECIFIED: XXXX ± .0005 ANGLES ± .5° BREAK ALL CORNERS 1/64"		CHECKED	SCALE 3:8	BY Mito	DATE 6/2/2008
SIZE C		DRAWING NO. 9901-03-000R-2			REV. D

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.XX ±.010 .XXXX ±.0005
.XXX ±.005 ANGLES ±.5°
FRACTIONS: ± 1/64" BREAK ALL CORNERS 1/64"



2			1			
Parts List						
ITEM	QTY	PART NUMBER	REV	DESCRIPTION	STATUS	
D5	1	H36-00-06	D1	F	PLATE, MANIFOLD	
	2	6	9452K21		#012, 3/8 ID x 1/2 OD O-RING	
	3	1	9452K59		#015, 9/16 ID x 11/19 OD O-RING	
	4	3	50785K112		1/8 NPT HEX PLUG	
	5	4	91290A130		M3 x 30 LG. SHCS	
	7	2	ARROW ASP-1		1/8 NPT MUFFLER	REF
	8	1	AW20K-NO2BE-CZ		FILTER REGULATOR	REF
	9	4	KQ2L07-34		1/4 TUBE x 1/8 NPT MALE ELBOW	REF
	10	8	KQ2L07-99		1/4 x 1/4 PLUG IN REDUCER ELBOW	REF
	11	2	SY5120-5DZ-01T		SOLENOID VALVE	REF
	12	1	AV2000-DVM02654		SOFT START-UP VALVE	REF
	13	2	AS1001F-07-3		SPEED CONTROLLER	REF
	14	2	AS 2051F-07-3		SPEED CONTROLLER	REF
D2 D3	15	2	AFL15B-ND	D4	15 PIN CONNECTOR	REF
	16	1	H36-00-71		PLATE - ADAPTER	
	17	4	91294A194		M4 x 16 LG. FHCS	



REVISION HISTORY				
REV	BY	DATE	DESCRIPTION	
D1	VK	12/26/2008	ADDED REV-F	
D2	VK	12/26/2008	ADDED ITEM #16	
D3	VK	12/26/2008	ADDED ITEM #17	
D4	VK	12/26/2008	ADDED: AFL15B-ND	
D5	VK	12/26/2008	NEW #015 O-RING	

TRANSTECH

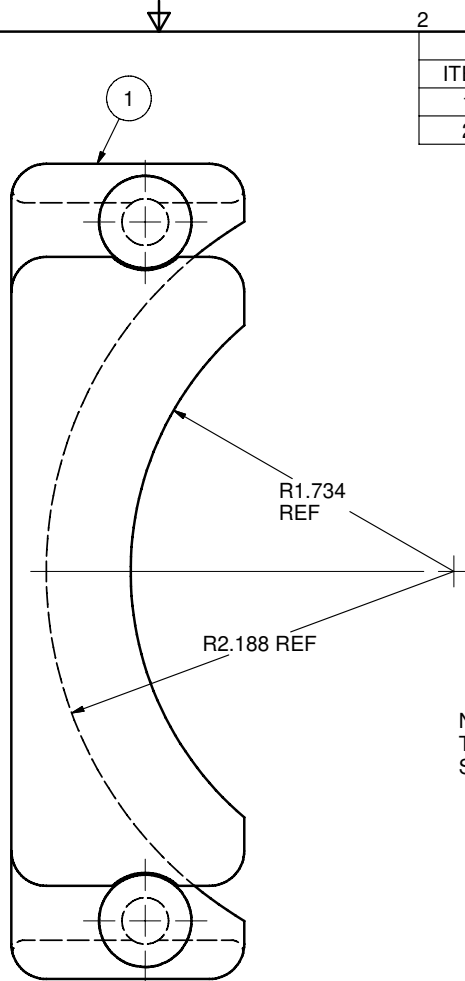
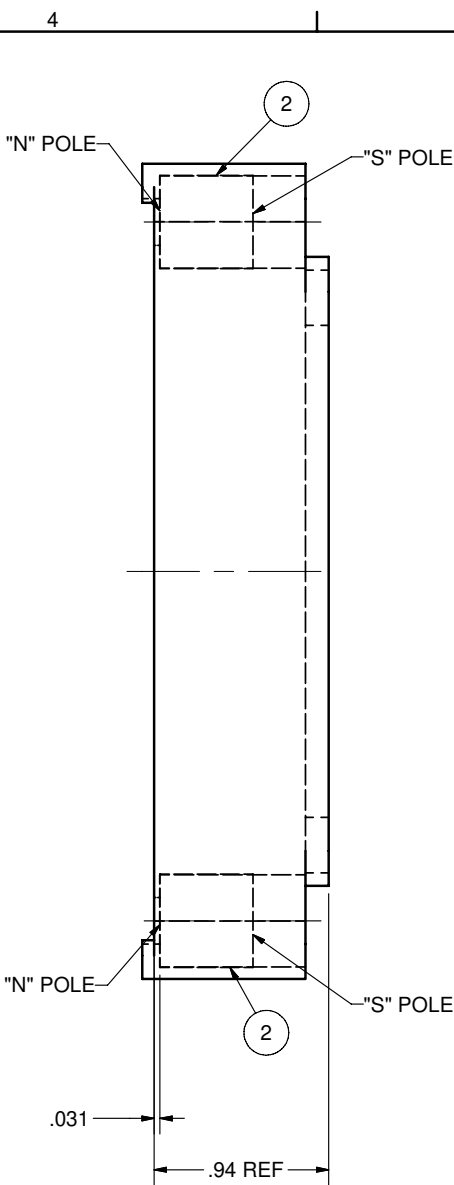
DETAIL NAME
MANIFOLD ASSY

CAD FILE NO. H36-05-00	MAT'L FINISH NONE	HEAT TREAT NONE
PROJ.	MATERIAL SEE PARTS LIST	

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XXX ±.005 ANGLES ±.5°
FRACTIONS: ± 1/64" BREAK ALL CORNERS 1/64"

CHECKED	SCALE 3:4	BY Vito	DATE 5/24/2008
SIZE C	DRAWING NO. H36-05-00	REV. D	



Parts List				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	H36-06-01	B	90-CAP HOLDER
2	2			1/2 DIA x 1/2 LG. MAGNET

NOTE:
THE ORENTATION OF THE MAGNETS IS VERY IMPORTANT
SEE DRAWING FOR DETAILS

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
B1	VK	9/15/2008	NEW DESIGN
TRANSTECH			
DETAIL NAME			
90-CUP HOLDER ASSY			
MAT'L FINISH		HEAT TREAT	
NONE		NONE	
MATERIAL			
SEE PARTS LIST			
CHECKED	SCALE	BY	DATE
	1.5 :1	Vito	5/24/2008
SIZE	DRAWING NO.		REV.
B	H36-06-00		B

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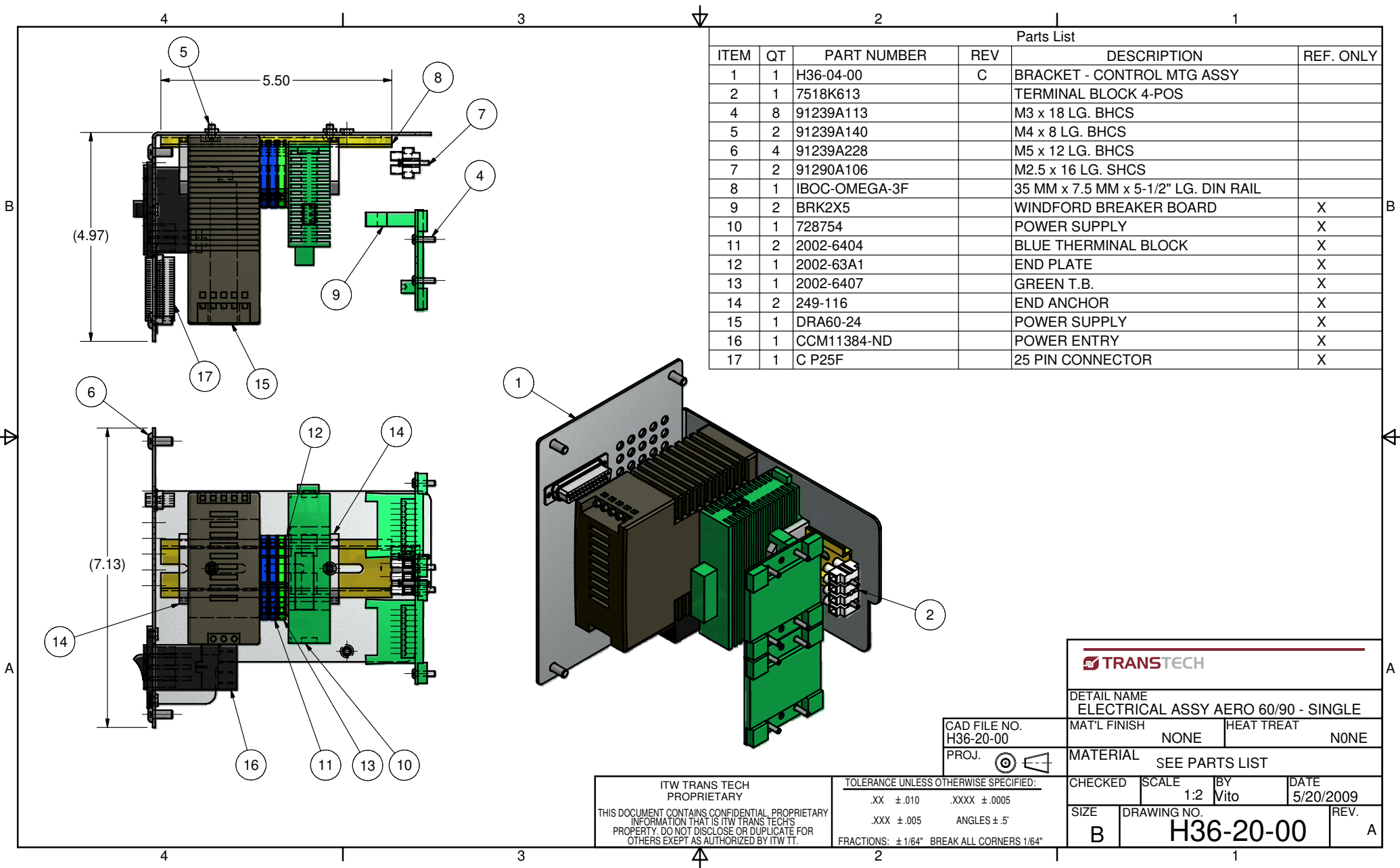
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FRACTIONS: ±1/64" BREAK ALL CORNERS 1/64"



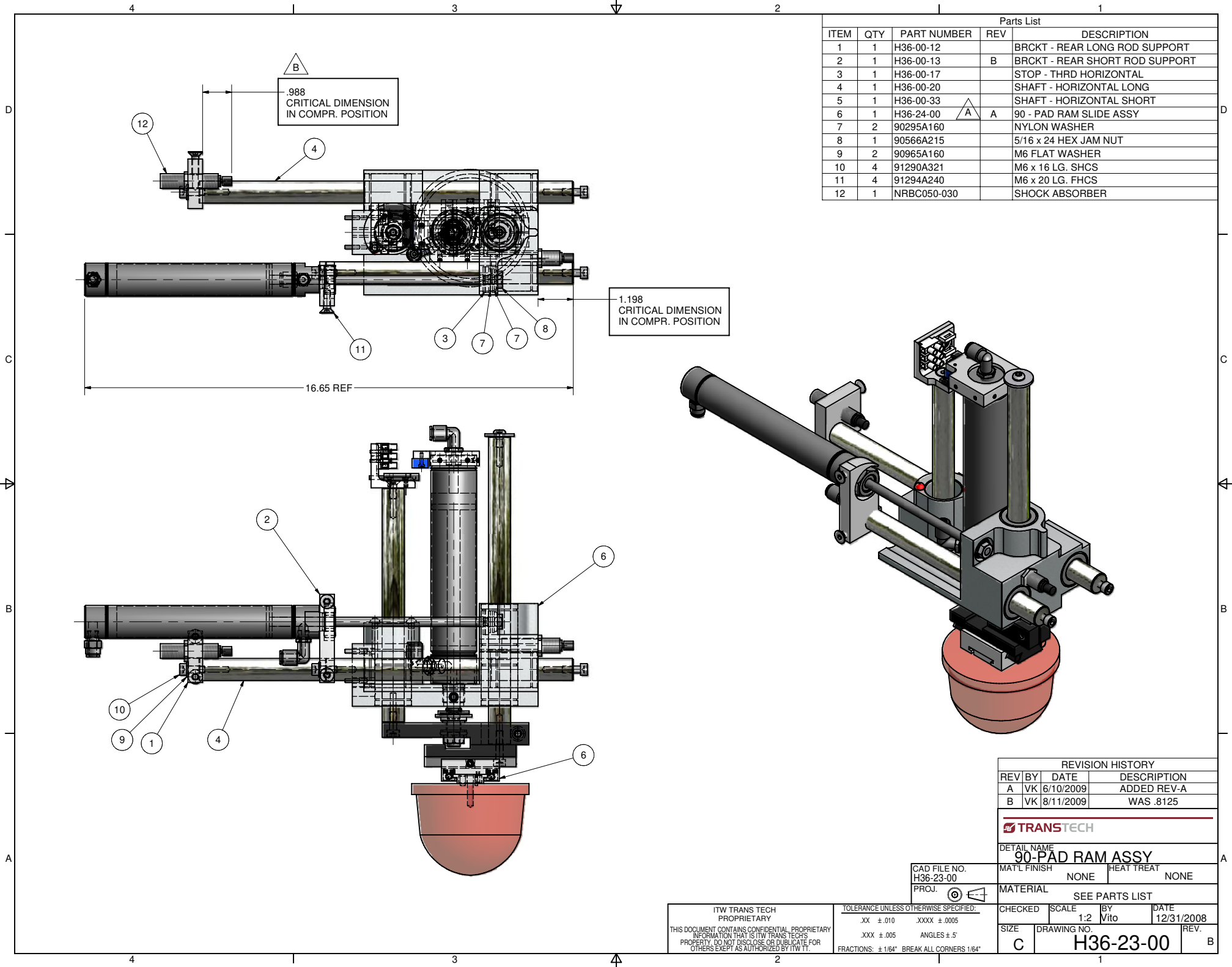
Parts List					
ITEM	QT	PART NUMBER	REV	DESCRIPTION	REF. ONLY
1	1	H36-04-00	C	BRACKET - CONTROL MTG ASSY	
2	1	7518K613		TERMINAL BLOCK 4-POS	
4	8	91239A113		M3 x 18 LG. BHCS	
5	2	91239A140		M4 x 8 LG. BHCS	
6	4	91239A228		M5 x 12 LG. BHCS	
7	2	91290A106		M2.5 x 16 LG. SHCS	
8	1	IBOC-OMEGA-3F		35 MM x 7.5 MM x 5-1/2" LG. DIN RAIL	
9	2	BRK2X5		WINDFORD BREAKER BOARD	X
10	1	728754		POWER SUPPLY	X
11	2	2002-6404		BLUE THERMINAL BLOCK	X
12	1	2002-63A1		END PLATE	X
13	1	2002-6407		GREEN T.B.	X
14	2	249-116		END ANCHOR	X
15	1	DRA60-24		POWER SUPPLY	X
16	1	CCM11384-ND		POWER ENTRY	X
17	1	C P25F		25 PIN CONNECTOR	X

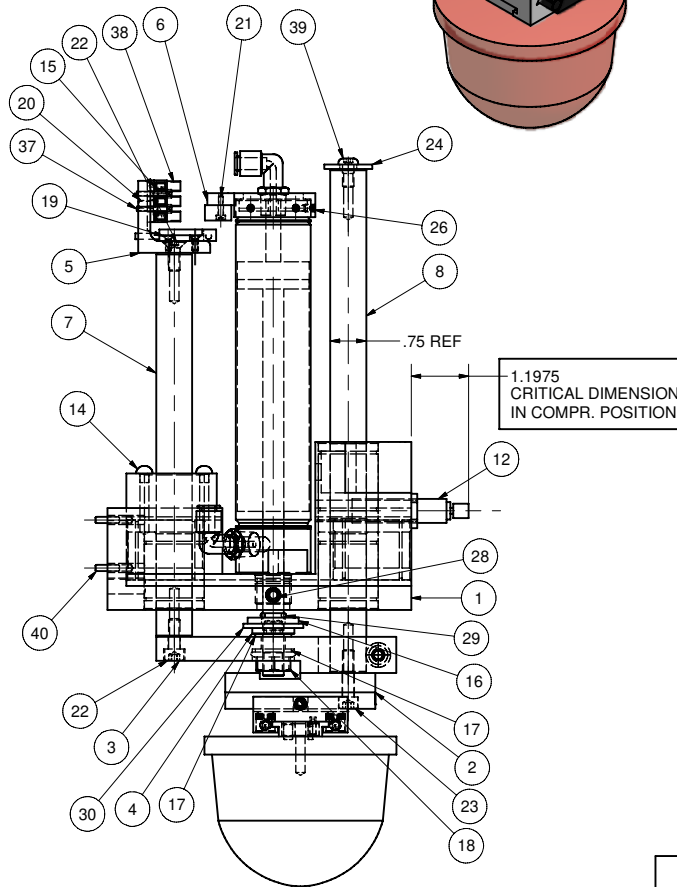
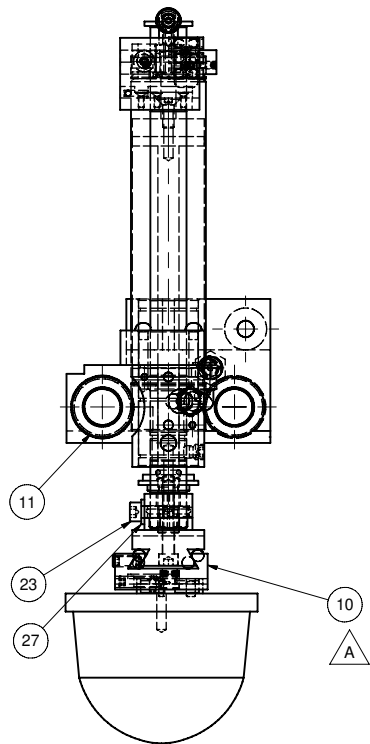
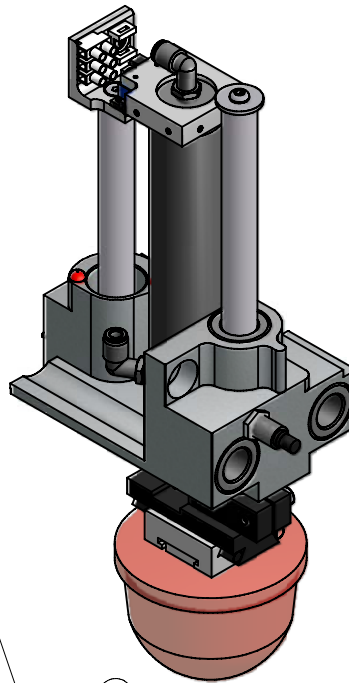
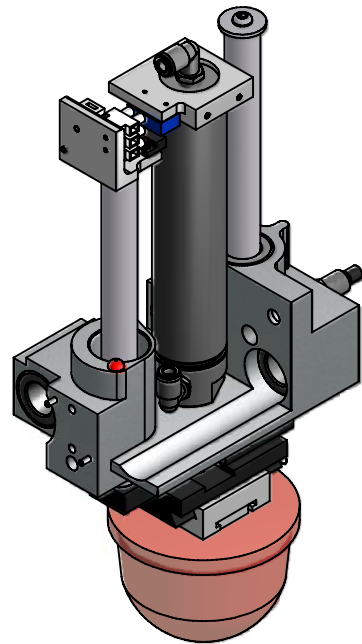
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CAD FILE NO.
H36-20-00
PROJ.

DETAIL NAME ELECTRICAL ASSY AERO 60/90 - SINGLE			
MAT'L FINISH NONE		HEAT TREAT NONE	
MATERIAL SEE PARTS LIST			
CHECKED	SCALE 1:2	BY Vito	DATE 5/20/2009
SIZE B	DRAWING NO. H36-20-00		REV. A





Parts List					
ITEM	QTY	PART NUMBE	REV	DESCRIPTION	60 ITEM
1	1	H36-00-11	C	PAD - CYLINDER	
2	1	H36-00-14	A	BRACKET - PAD MOUNT	
3	1	H36-00-15	A	PLATE - VERTICAL END ROD	
4	1	H36-00-16		STOP - VERTICAL THRD	
5	1	H36-00-37	A	PLATE - SENSORS MTG	
6	1	H36-00-38	B	PLATE -SENSOR MTG	
7	1	H36-00-50		SHAFT - VERTICAL SHORT	
8	1	H36-00-51		SHAFT - VERTICAL LONG	
10	1	H41-00-00	A E	COUPLER AERO 60-90	
11	6	REF 60595K75		3/4 I.D.x1-1/4 OD.x1-5/8 LG. LINEAR BEARINGS	
12	1	NRBC050-030		SHOCK ABSORBER	
14	2	9544K12		BUMPER	
15	1	7566K13 7130K41		CABLE STRAP, CABLE TIES	
16	1	90133A425		.49 I.D. x 1-1/16 O.D. x 1/8 THK. RUBBER WASHER	
17	2	90295A185		NYLON WASHER	
18	1	90566A225		7/16 x 20 HEX THIN JAM NUT	
19	4	91239A113		M3 x 8 LG. BHCS	
20	1	91239A140		M4 x 8 LG. BHCS	
21	2	91290A103		M2.5 x 10 LG. SHCS	
22	2	91290A321		M6x 16 LG. SHCS	
23	2	91290A330		M6 x 25 LG. SHCS	
24	1	93475A270		M8 FLAT WASHER	
26	4	93245A112		M4 x 6 LG. SSS FL. PNT	
27	1	93475A250		M6 FLAT WASHER	
28	1	94095A139		M8 x 8 LG. NYLON TIP SET SCREW	
29	1	9262K221		O-RING BUNA 2.4 W x 8.6 I.D.	
30	1	90108A417		3/8 WASHER	
37	2	91290A106		M2.5 x 16 LG. SHCS	
38	1	7618K612		3 POS. TERMINAL BLOCK	
39	1	91239A318		M6 x 12 LG. SHCS	
40	2	98381A471		1/8 x 1/2 LG. DOWEL PIN	

REVISION HISTORY		
REV	BY	DATE
A	VK	6/10/2009

DESCRIPTION		
ADDED REV-E		

TRANSTECH		
DETAIL NAME		
90-PAD RAM SLIDE ASSY		

MAT'L FINISH	HEAT TREAT
NONE	NONE

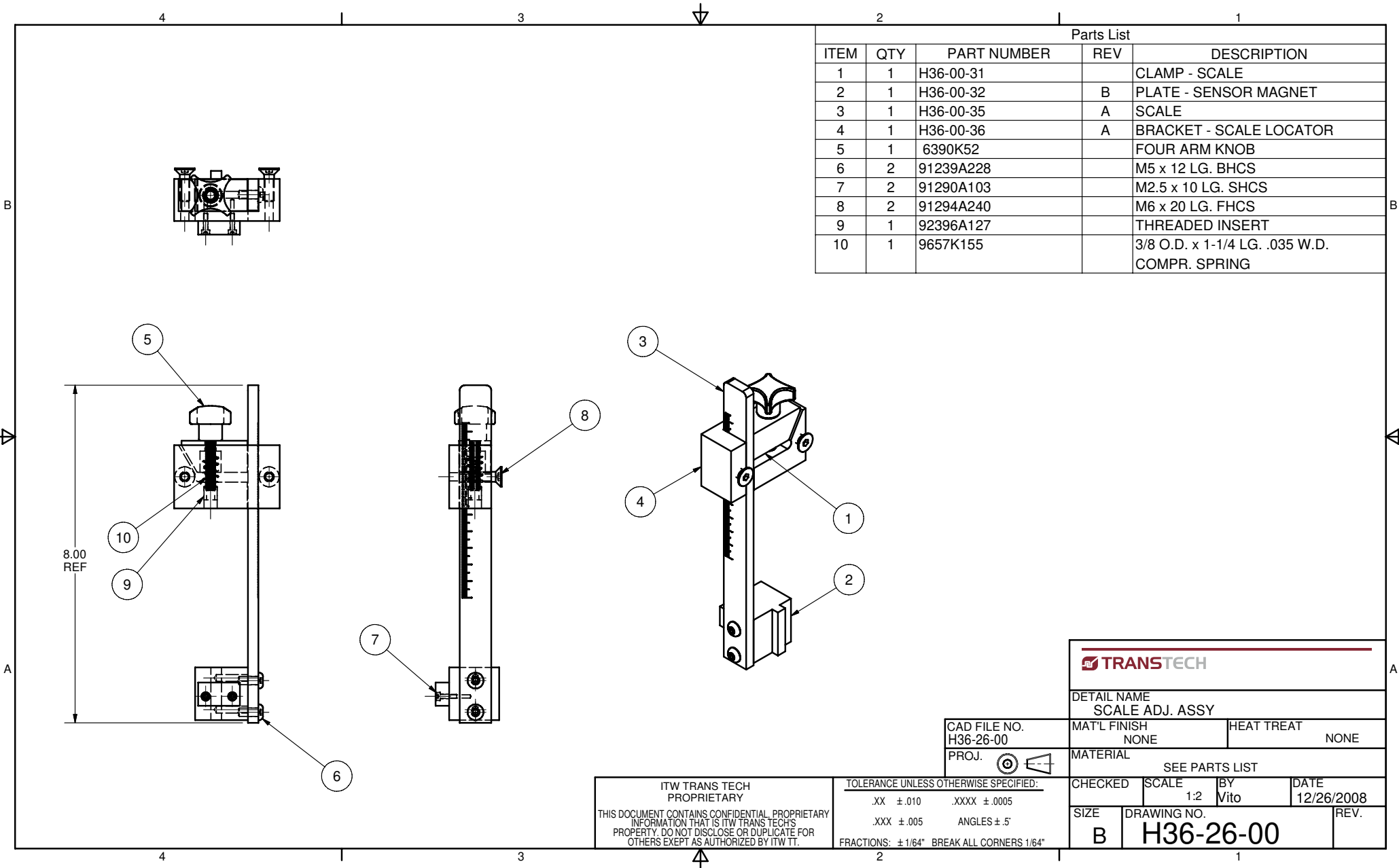
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SEE PARTS LIST		

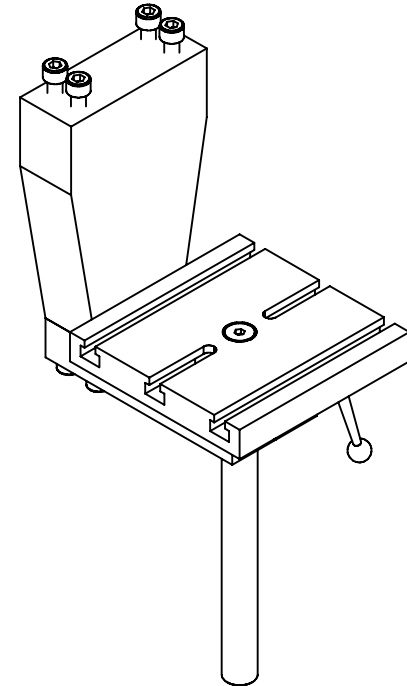
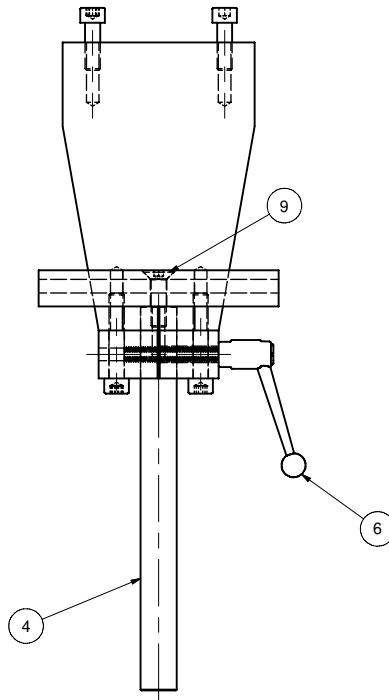
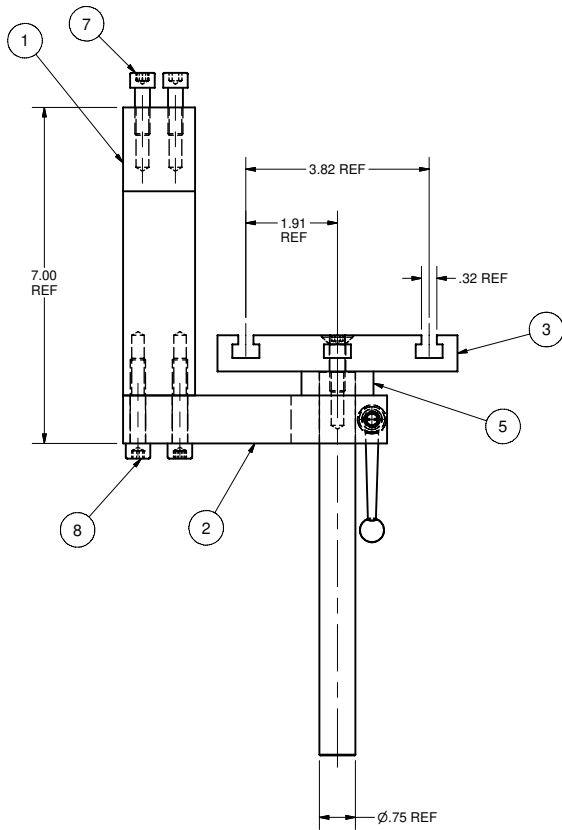
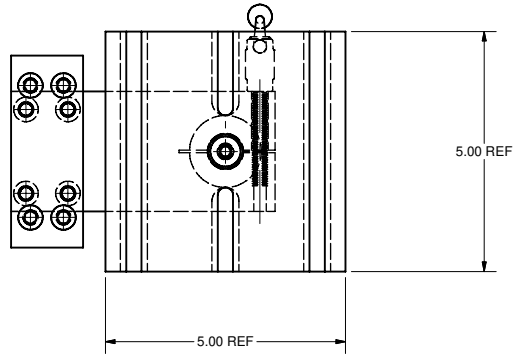
CHECKED	SCALE	BY	DATE
	1:2	Vito	12/31/2008

SIZE	DRAWING NO.	REV.
C	H36-24-00	A

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FRACTIONS: ± 1/64" BREAK ALL CORNERS 1/64"





Parts List				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	H36-00-04		PLATE - FACE TABLE SUPPORT
2	1	H36-00-05	A	PLATE - CLAMP TABLE
3	1	H36-00-43	A	PLATE - TABLE
4	1	H36-00-44	B	SHAFT - PLATE TABLE MTG
5	1	6435K16		3/4 CLAMP COOLAR
6	1	6848K51		HANDLE
7	4	91290A432		M8 x 25 LG. SHCS
8	4	91290A446		M8 x 45 LG. SHCS
9	1	91294A287		M8 x 30 LG. FHCS

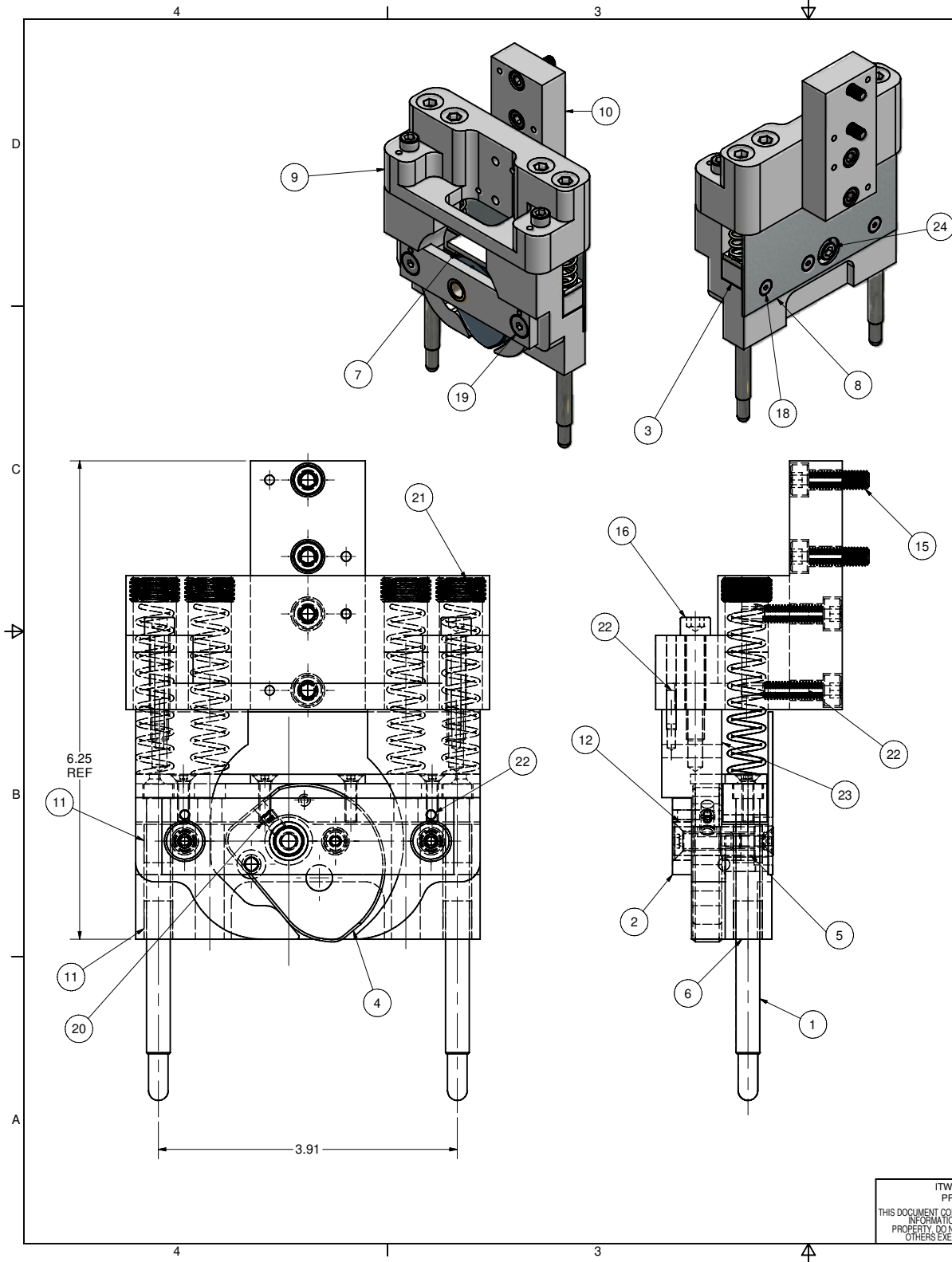
TRANSTECH

DETAIL NAME
PART SUPPORT ASSY

CAD FILE NO. H36-28-00	MAT'L FINISH NONE	HEAT TREAT NONE
PROJ.	MATERIAL SEE PARTS LIST	
CHECKED	SCALE 1:2	BY Vito
DATE 12/28/2008	SIZE C	REV.
DRAWING NO. H36-28-00		

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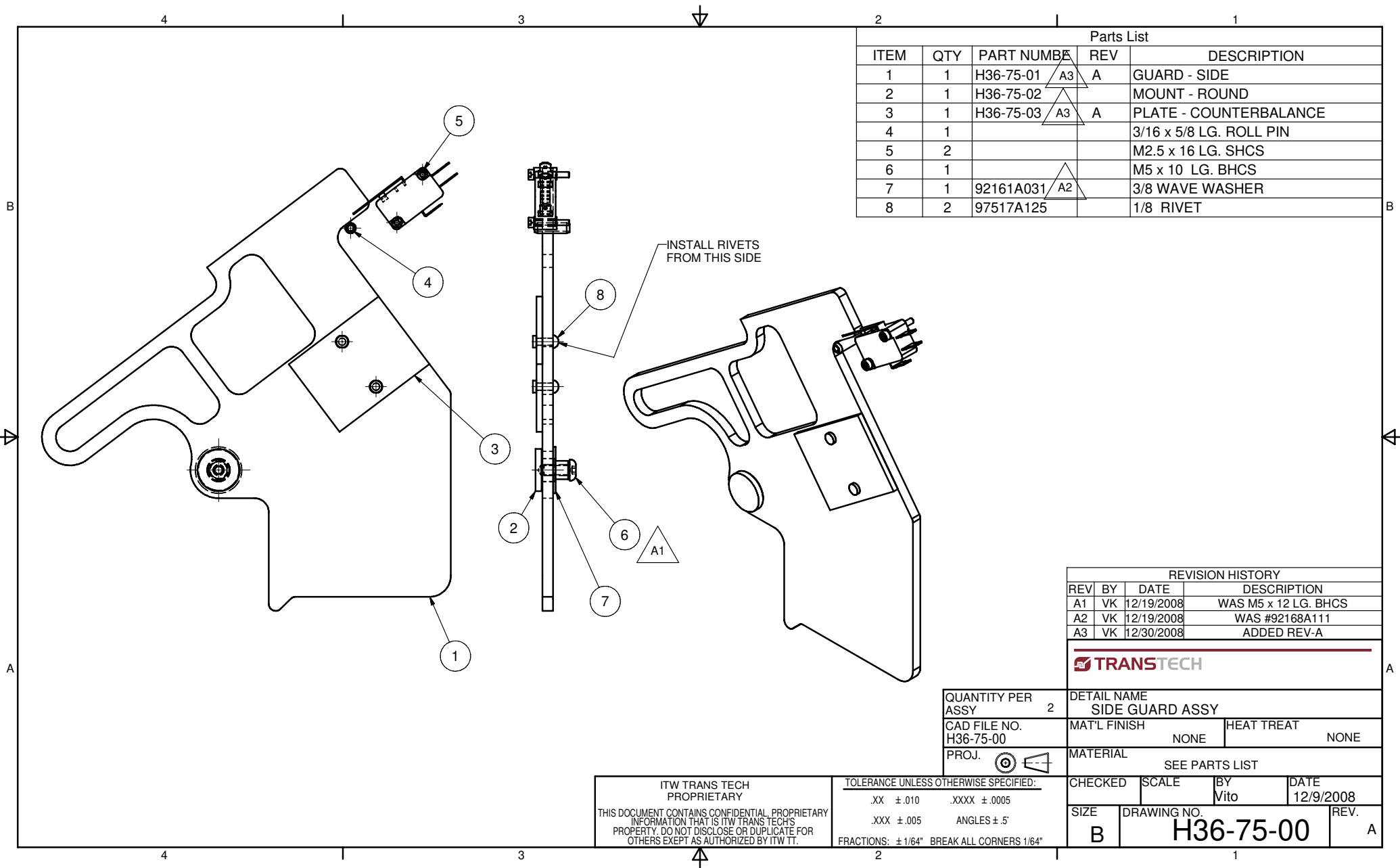
Parts List					
ITEM	QTY	PART NUMBER	REV	DESCRIPTION	NOTE
1	2	H36-00-21	C1 B	ROD - CUP HOLDER	
2	1	H36-00-22	B	PLATE - CAM SUPPORT	
3	1	H36-00-23	A	BRACKET- CAP LIFTERS MTG	
4	1	H36-00-27	C2 D/ D1	CAM	
5	1	H36-00-28	A	ROD - LIFTER	
6	1	H36-00-40	D3 C	BLOCK - CUP DRIVER LIFT	
7	1	H36-00-49	C3 E/ D2	PLATE - LIFTER	
8	1	H36-00-65	A	PLATE - GUARD	
9	1	H36-48-01	C4 D	PLATE - SLIDER TOP	
10	1	H36-48-02	A	PLATE - MTG	
11	4	6391K153		5/16 I.D.x3/8 O.D. x 1/2 LG. BUSHING	
12	2	6391K171		3/8 I.D.x1/2 O.D. x 1/4 LG. BUSHING	
14	1	84835A42		BALL PLUNGER	
15	4	91290A326		M6 x 20 LG. SHCS	
16	2	91290A334		M6x 35 LG. SHCS	
17	4	91294A185		M4x 16 LG. FHCS	
18	3	91294A188		M4 x 8 LG. FHCS	
19	2	91294A240		M6 x 20 LG. FHCS	
20	1	91390A119		M5 x 8 LG. SSS CUP PNT	
21	4	96235K9		5/8-18 DIE SPRG SCR CAP	
22	6	98381A471		1/8 x 1/2 LG. DOWEL PIN	
23	4	WT13-65		1.4 W.D. x13 O.D. x 65 LG. COMPR. SPRING	
24	1	91290A318	C5	M6 x 12 LG. SHCS	

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
A1	VK	9/2/2008	NEW DESIGN
B1	VK	9/12/2008	NEW DESIGN
C1	VK	12/31/2008	WAS REV-A
C2	VK	12/31/2008	WAS REV-B
C3	VK	12/31/2008	WAS REV-B
C4	VK	12/31/2008	WAS REV-B
C5	VK	12/31/2008	WAS #91290A313
D1	VK	3/16/2009	ADDED REV-D
D2	VK	3/16/2009	ADDED REV-E
D3	VK	3/16/2009	ADDED REV-C
TRANSTECH			
DETAIL NAME CUP-90 SLIDER ASSY			
CAD FILE NO. H36-48-00		MAT'L FINISH NONE	HEAT TREAT NONE
PROJ.		MATERIAL SEE PARTS LIST	
CHECKED	SCALE 1:1	BY M/ito	DATE 6/2/2008
SIZE C	DRAWING NO. H36-48-00		REV. D

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FRACTIONS: ± 1/64" BREAK ALL CORNERS 1/64"



Parts List				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	H36-75-01	A3	GUARD - SIDE
2	1	H36-75-02	A3	MOUNT - ROUND
3	1	H36-75-03	A3	PLATE - COUNTERBALANCE
4	1			3/16 x 5/8 LG. ROLL PIN
5	2			M2.5 x 16 LG. SHCS
6	1			M5 x 10 LG. BHCS
7	1	92161A031	A2	3/8 WAVE WASHER
8	2	97517A125		1/8 RIVET

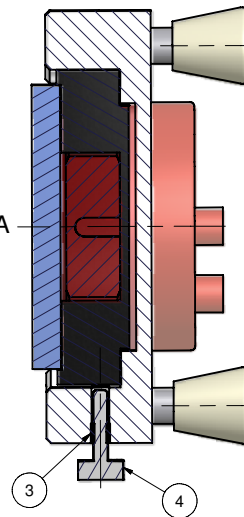
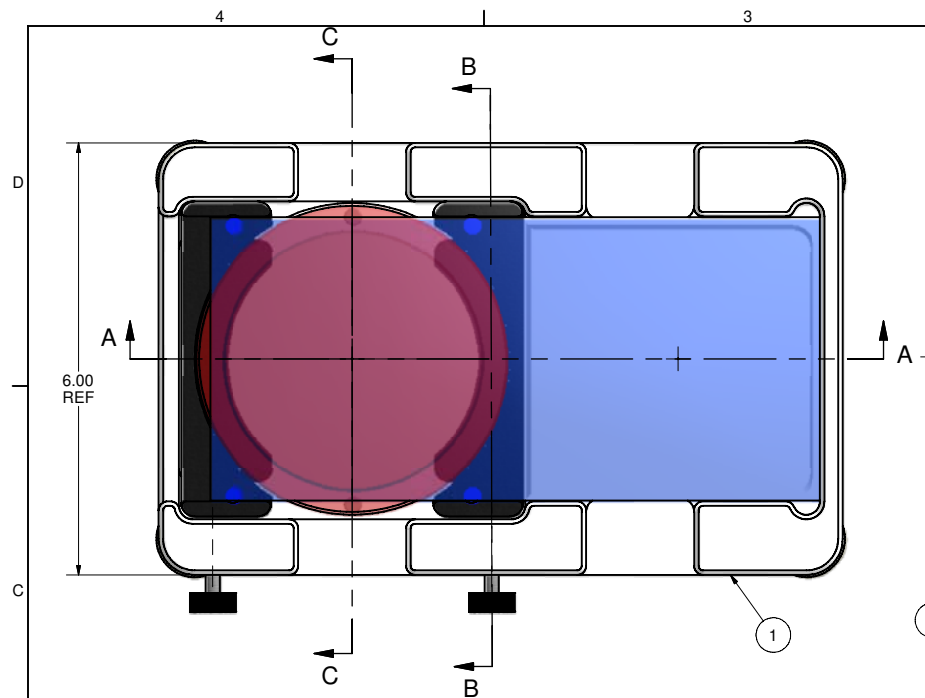
REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
A1	VK	12/19/2008	WAS M5 x 12 LG. BHCS
A2	VK	12/19/2008	WAS #92168A111
A3	VK	12/30/2008	ADDED REV-A



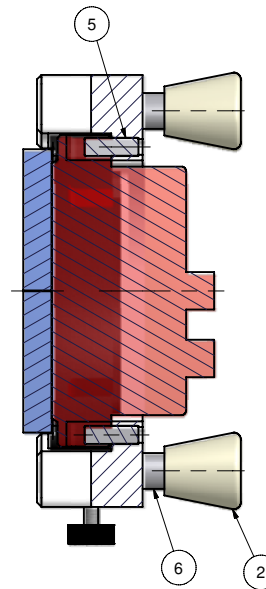
QUANTITY PER ASSY	2	DETAIL NAME	SIDE GUARD ASSY
CAD FILE NO.	H36-75-00	MAT'L FINISH	NONE
PROJ.		HEAT TREAT	NONE
		MATERIAL	SEE PARTS LIST
CHECKED	SCALE	BY	DATE
		Vito	12/9/2008
SIZE	DRAWING NO.	REV.	
B	H36-75-00	A	

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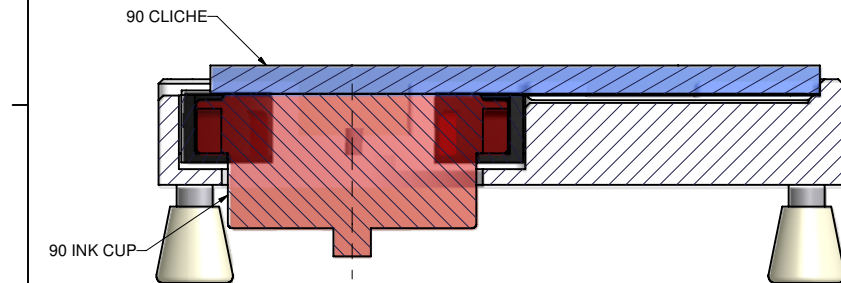
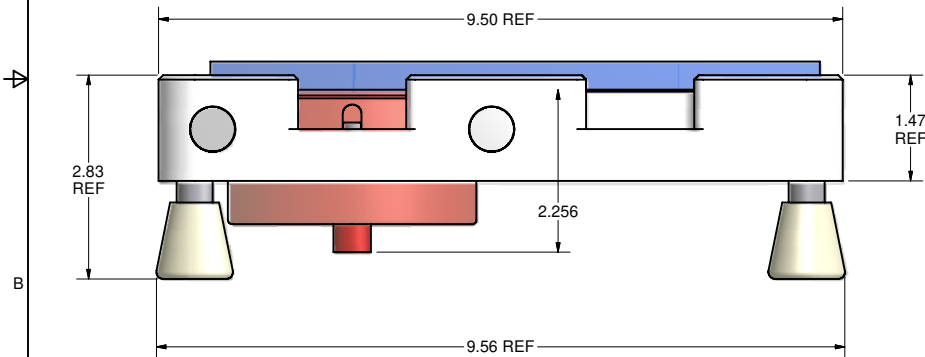
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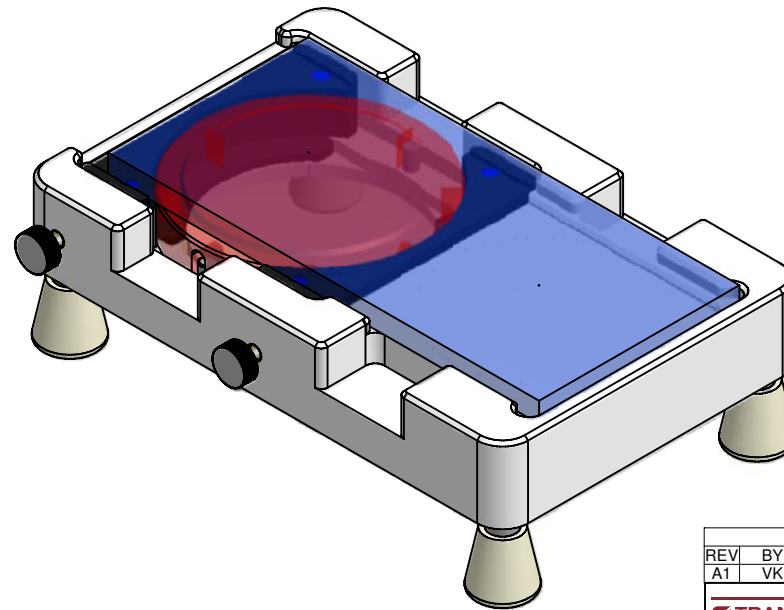
SECTION B-B
SCALE 3 / 4



SECTION C-C
SCALE 3 / 4



SECTION A-A
SCALE 3 / 4



Parts List				
ITEM	QTY	PART NUMBER	REV	DESCRIPTION
1	1	H56-90-01	B	SETUP TABLE -90
2	4	2517T81		CHAIR, CANE, AND CRUTCH TIPS, GRAY FOR 1/2 LEG O.D.
3	2	92398A125		M5 THREADED INSERT
4	2	96016A249		M5 THUMB SCREW
5	2	98381A540		1/4 x 3/4 LG. DWL PIN
6	4	98381A716		1/2 x 1-1/2 DWL PIN

REVISION HISTORY			
REV	BY	DATE	DESCRIPTION
A1	VK	12/4/2008	NEW DESIGN

TRANSTECH

DETAIL NAME
SETUP TABLE ASSY 90

CAD FILE NO. H56-90-00	MAT'L FINISH NONE	HEAT TREAT NONE
PROJ.	SEE PARTS LIST	

CHECKED	SCALE 3:4	BY M/ito	DATE 9/18/2008
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SIZE C	DRAWING NO. H56-90-00	REV. A
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