C652344

MODEL 700™ M24

Model 5/A6 ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

BARBER - M24-0006458

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE,M-24 SNIPER,W/DEPLOYMENT KIT
ATTN: FRED MARTIN Scope S/N 90-C976

ORDER: R 94-18289

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/10/94	06/10/94		C6523344		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO:098397 CJO.DL

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE	PROM. DATE	ESTIMATED	VIA
		☐			FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

- ✓ Barrel
- ✓ Stock
- ✓ Trigger Assy
- ✓ Firing Pin Assy
- ✓ Front & Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			A	A	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			5/6/96	5/6/96	

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6523344
DATE 4-20-96
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.68	2.82	2.64		MIN. SETTING,
PULL #2	2.72	2.65	2.63		NO AVG. OF 5
PULL #3	2.86	2.80	2.59		READINGS ACCEPT-
PULL #4	2.56	2.90	2.61		ABLE LESS THAN 2#
PULL #5	2.70	2.70	2.74		
TOTAL	1352	1387	1321		
AVG.	2.70	2.77	2.64		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.15		
PULL #2	2.98	3.09		
PULL #3	3.14	3.15		
PULL #4	3.11	3.11		
PULL #5	3.00	3.10		
TOTAL	1530	1564		
AVG.	3.06	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.08		4.37
PULL #2	4.03	3.97		4.28
PULL #3	4.14	4.09		4.26
PULL #4	4.10	4.05		4.25
PULL #5	4.09	4.00		4.20
TOTAL	2053	2011		2136
AVG.	4.10	4.02		4.27

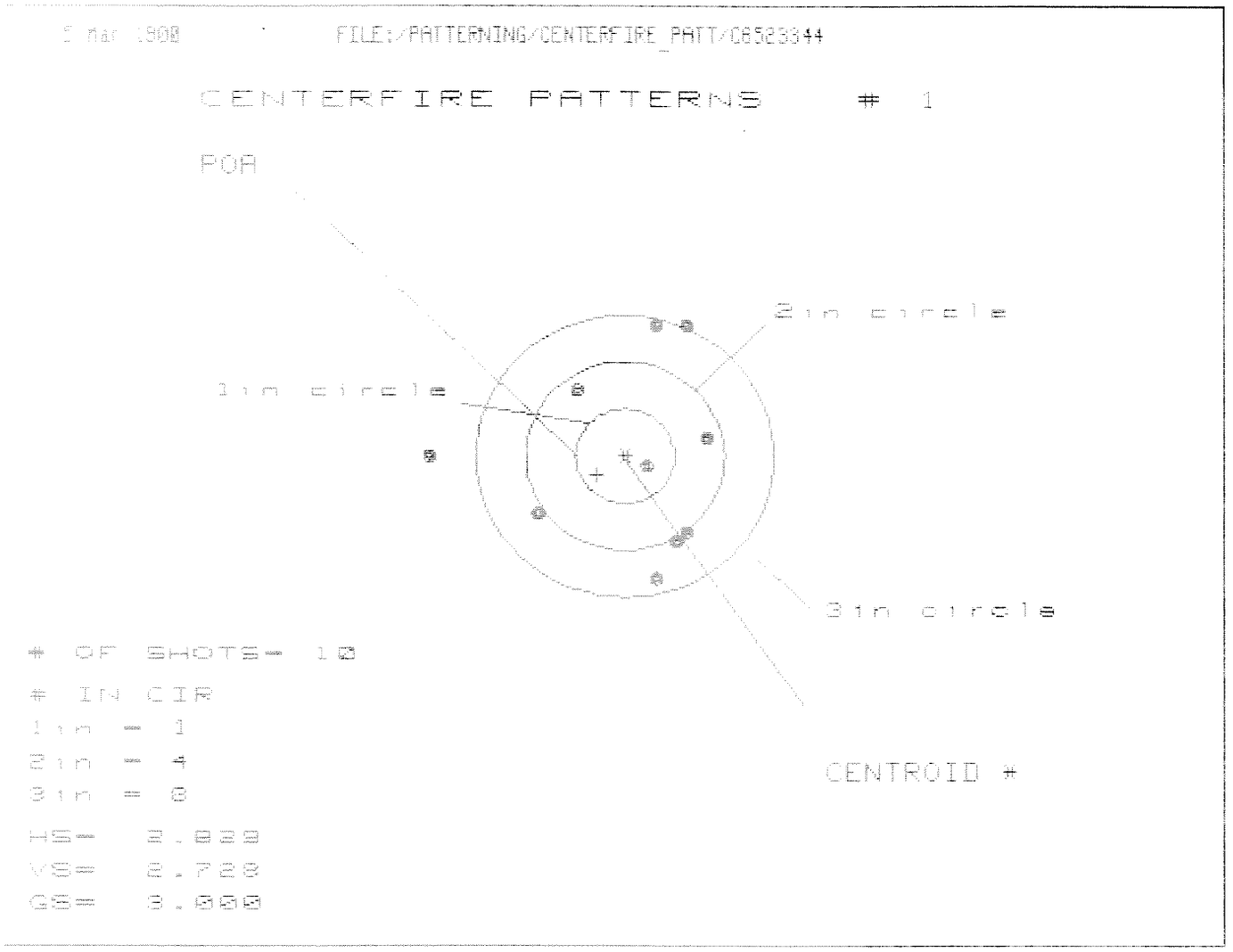
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523344
5 Mar 1900

CENTROIDAL DISTANCES

0	TO	1	.346071
1	TO	2	.125252
1	TO	3	.17862
1	TO	4	.0539351
1	TO	5	.117903

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2762
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .235
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .362645

THE AMR FOR THIS RIFLE IS: 1.132

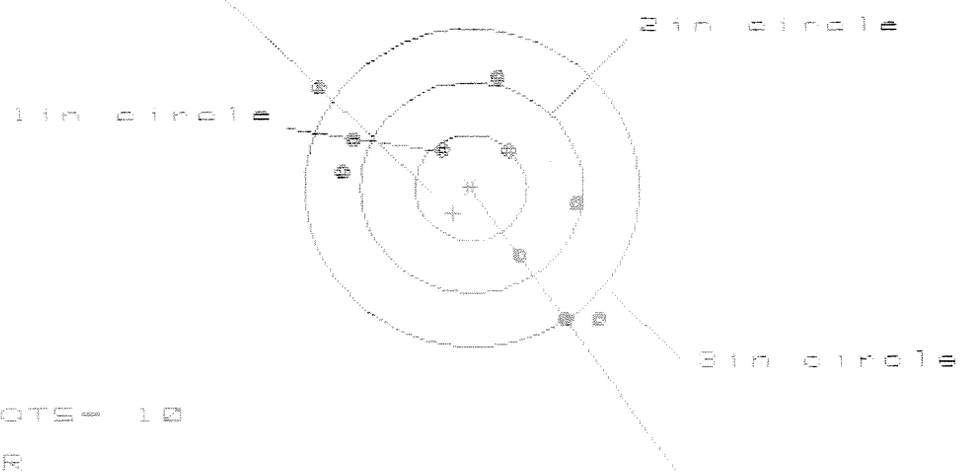


PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.810	.585	.634
MINIMUM X	:	-2.019	-1.117	-1.068
MAXIMUM Y	:	1.423	1.420	1.597
MINIMUM Y	:	-1.305	-1.308	-1.131
CENTROID X	:	.281	.506	.457
CENTROID Y	:	.202	.205	.028
POA TO CENTROID in.	:	.346	.545	.458
MIN RADIUS	:	.224	.143	.041
MEAN RADIUS	:	1.134	1.002	.911
MAX RADIUS	:	2.019	1.464	1.606
HORIZONTAL SPREAD	:	2.829	1.702	1.702
VERTICAL SPREAD	:	2.728	2.728	2.728
EXTREME SPREAD	:	3.000	2.730	2.728
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Mar 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523344

CENTERFIRE PATTERNS # 2

POA



OF SHOTS= 10

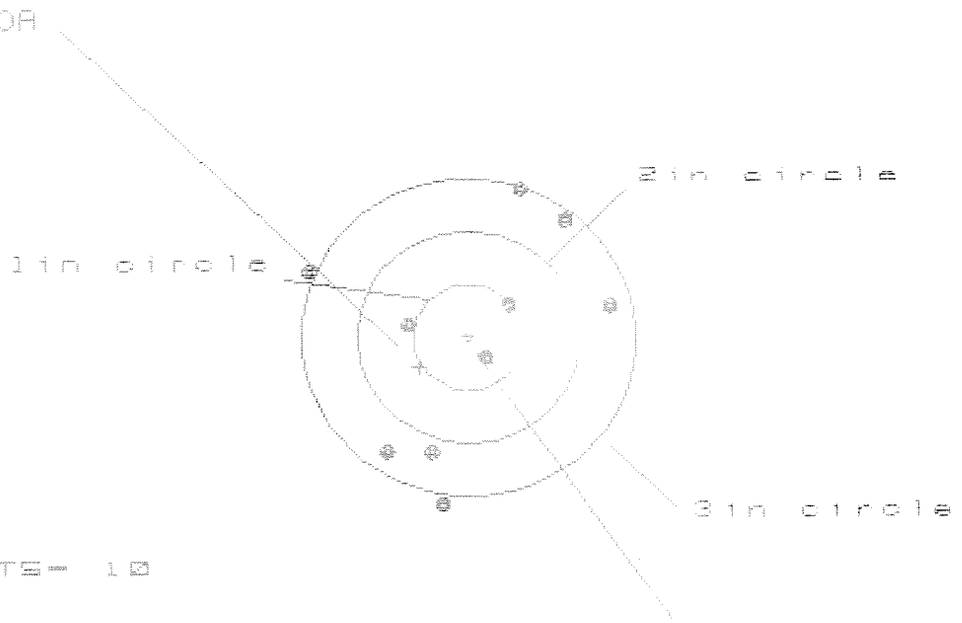
# IN CIR
1in = 2
2in = 4
3in = 7

HS= 2.430
VS= 2.315
GS= 3.334

PATTERN #	:	2	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.098	1.026	.875
MINIMUM X	:	-1.332	-1.210	-1.155
MAXIMUM Y	:	1.030	.887	.994
MINIMUM Y	:	-1.285	-1.426	-1.319
CENTROID X	:	.163	.041	.192
CENTROID Y	:	.244	.387	.280
POA TO CENTROID in.	:	.293	.389	.340
MIN RADIUS	:	.465	.293	.419
MEAN RADIUS	:	1.094	1.003	.942
MAX RADIUS	:	1.690	1.721	1.550
HORIZONTAL SPREAD	:	2.430	2.236	2.030
VERTICAL SPREAD	:	2.315	2.313	2.313
EXTREME SPREAD	:	3.334	3.151	2.631
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C8523344

CENTERFIRE PATTERNS # 3

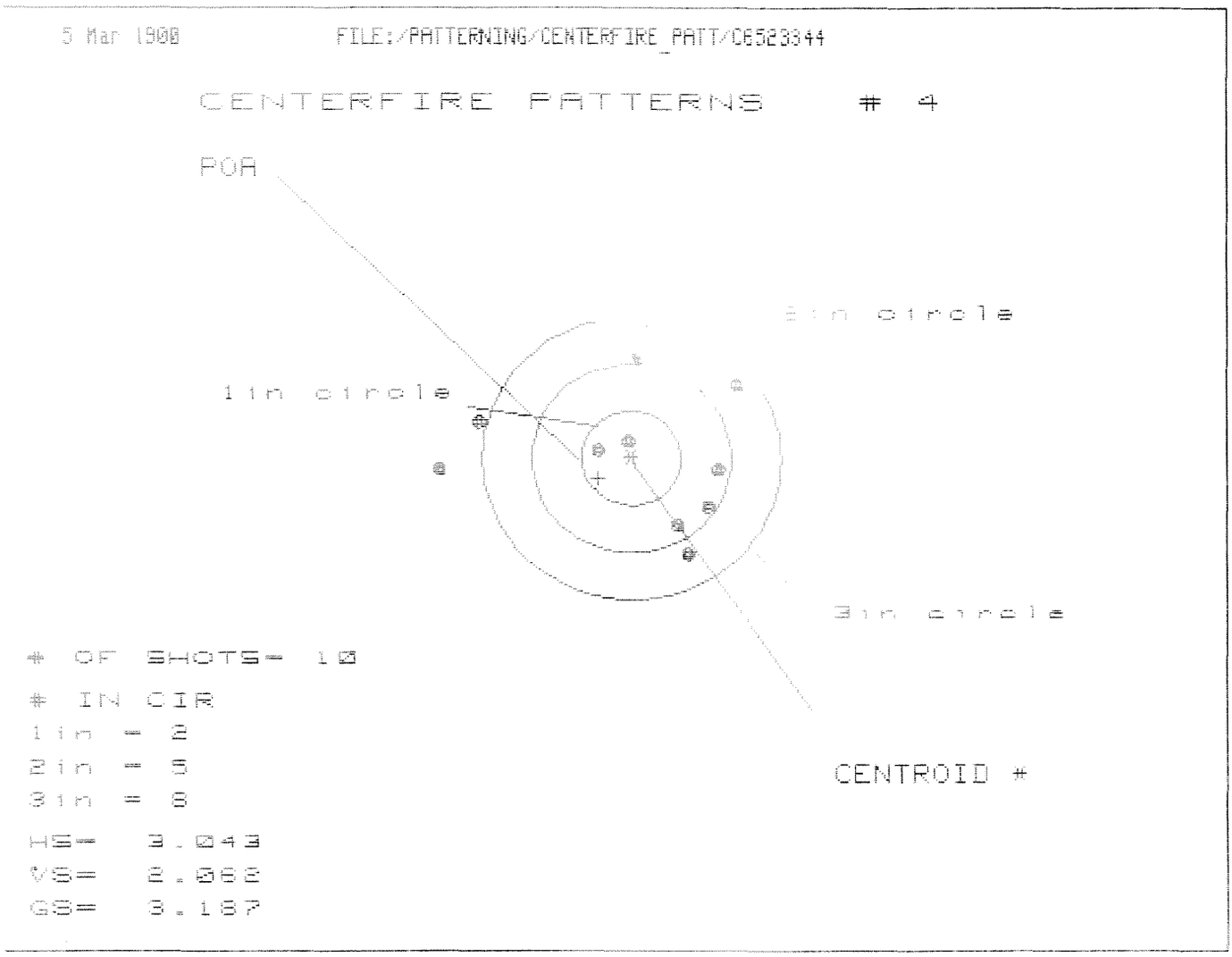


OF SHOTS= 10

# IN CIR
1in = 1
2in = 3
3in = 7

HS= 2.712
VS= 2.970
GS= 3.049

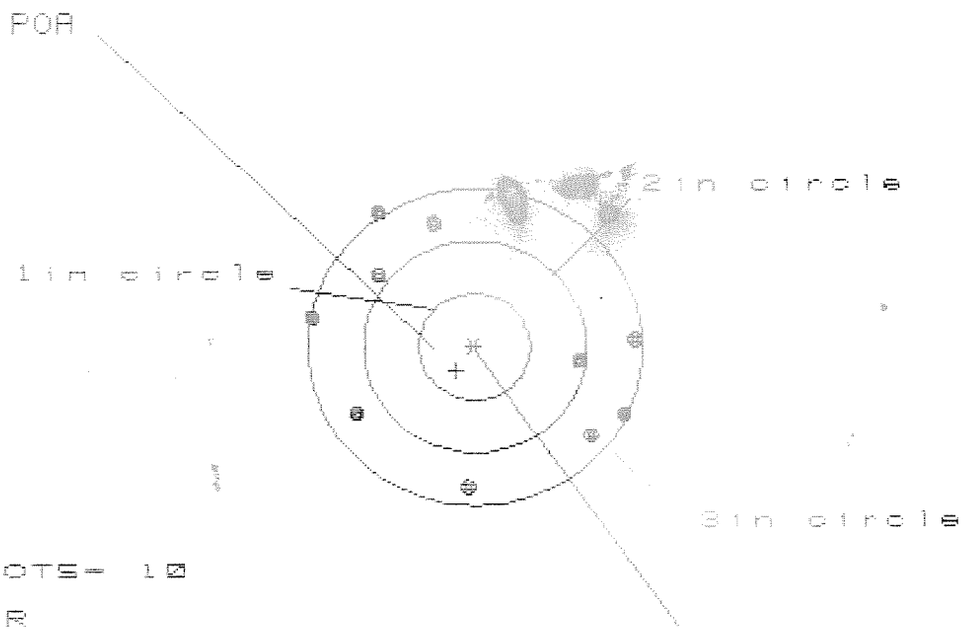
PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.261	1.099	1.054
MINIMUM X	:	-1.451	-.888	-.933
MAXIMUM Y	:	1.431	1.500	1.316
MINIMUM Y	:	-1.539	-1.470	-1.228
CENTROID X	:	.437	.599	.644
CENTROID Y	:	.289	.220	.404
POA TO CENTROID in.	:	.524	.638	.761
MIN RADIUS	:	.239	.110	.282
MEAN RADIUS	:	1.106	1.035	.968
MAX RADIUS	:	1.579	1.535	1.542
HORIZONTAL SPREAD	:	2.712	1.987	1.987
VERTICAL SPREAD	:	2.970	2.970	2.544
EXTREME SPREAD	:	3.049	3.049	2.818
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.086	.869	.652
MINIMUM X	:	-1.957	-1.730	-.741
MAXIMUM Y	:	1.046	1.033	1.086
MINIMUM Y	:	-1.016	-1.029	-.976
CENTROID X	:	.334	.551	.768
CENTROID Y	:	.212	.225	.172
POA TO CENTROID in.	:	.396	.595	.787
MIN RADIUS	:	.181	.313	.435
MEAN RADIUS	:	1.027	.906	.777
MAX RADIUS	:	1.960	1.781	1.138
HORIZONTAL SPREAD	:	3.043	2.599	1.393
VERTICAL SPREAD	:	2.062	2.062	2.062
EXTREME SPREAD	:	3.187	2.630	2.123
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

5 Mar 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6523344

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 0
2in = 1
3in = 9

HS= 2.886
VS= 2.611
GS= 2.910

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.439	1.345	1.153
MINIMUM X	:	-1.447	-1.541	-1.356
MAXIMUM Y	:	1.319	1.359	1.411
MINIMUM Y	:	-1.292	-1.146	-1.094
CENTROID X	:	.166	.260	.452
CENTROID Y	:	.228	.082	.030
POA TO CENTROID in.	:	.282	.272	.453
MIN RADIUS	:	.907	.812	.628
MEAN RADIUS	:	1.301	1.255	1.178
MAX RADIUS	:	1.567	1.595	1.546
HORIZONTAL SPREAD	:	2.886	2.886	2.509
VERTICAL SPREAD	:	2.611	2.505	2.505
EXTREME SPREAD	:	2.910	2.910	2.591
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	

M-24

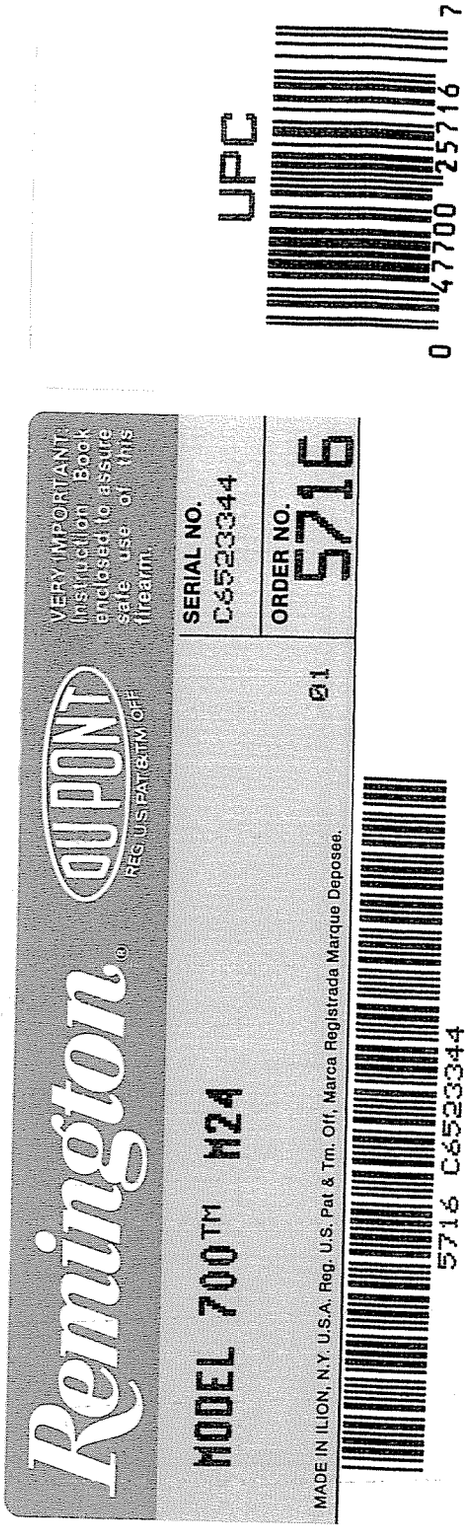
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6533344

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

BARBER - M24 0006467

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/14/96	RW
	G) Safety Off Force	3	3	3			5/14/96	RW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.024	.025			5/14/96	RW
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.77	2.94	2.79	2.87	2.84	5/14/96	RW
	C) Function							
660	Pack							


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24
SERIAL NO.
C6523344
ORDER NO.
5716
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.
5716 C6523344
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523344

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10 9	90	RW
612	Magnaflux Barrel Action		10/17/90	KR
	Magnaflux Bolt		10/17/90	KR
615	Rollmark Caliber		10/17/90	GS
617	Drill and Tap Sight Holes		10/18/90	KB
618	Polish Barrel KB		10/19/90	CWB
620	Apply Coatings (Barrel Action)		11/5/90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-90	TH

TMIL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/14/90	WB
	G) Safety Off Force	2	2	2			11/14/90	WB
	H) Trigger Pull Test & Retainability						11-14-90	DH
	I) Firing Pin Indent	.0215	.021	.0215			11/14/90	WB
	J) Assemble Stock						11/15/90	RW
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/15/90	RW
	M) Iron Sight Alignment						11/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/15/90	RW
	O) Attach Scope to Rifle						11/15/90	RW
	P) Detach & Attach Scope 20 Times						11/15/90	RW
640	Gallery Target & Test						11-17-90	DH
	A) Time						11-17-90	DH
	B) Malfunctions						11-17-90	DH
	C) Pierced Primers						11-17-90	DH
	D) Optical Clearity of Scope						11-17-90	DH
645	Inspect for Live Ammo						11-17-90	DH
655	Final Inspection A) Headspace						11-20-90	DH
	B) Trigger Pull	270	273	281	277	265	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12-19-90	DH

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523344
17 Nov 1990

CENTROIDAL DISTANCES

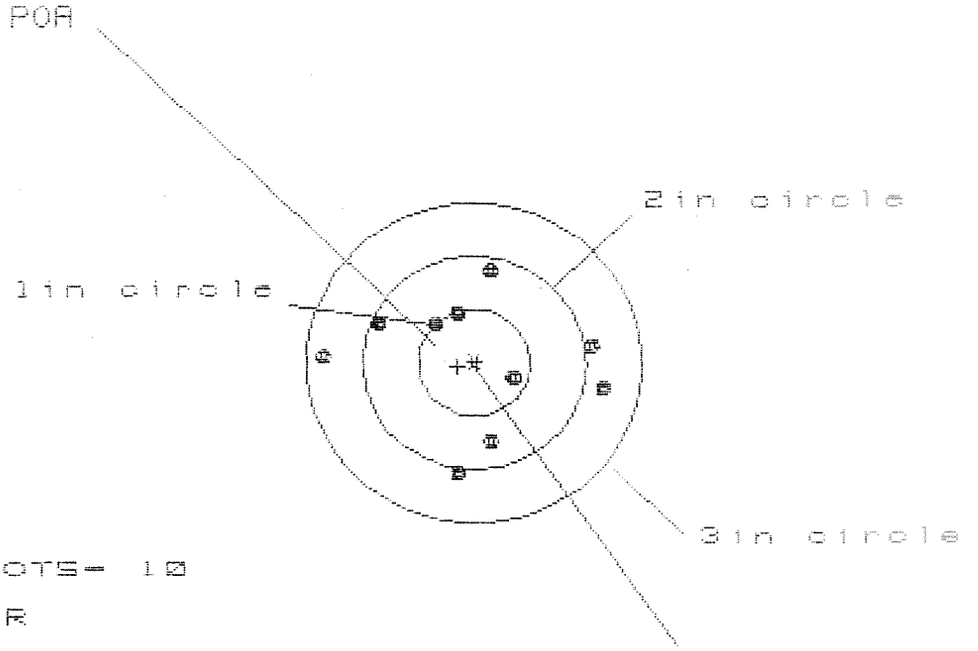
0	TO	1	.15426
1	TO	2	.110603
1	TO	3	.119541
1	TO	4	.416751
1	TO	5	.286812

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0828
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.107
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .135295

THE AMR FOR THIS RIFLE IS: .7864

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523344

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 10

HS= 2.487
VS= 1.837
GS= 2.507

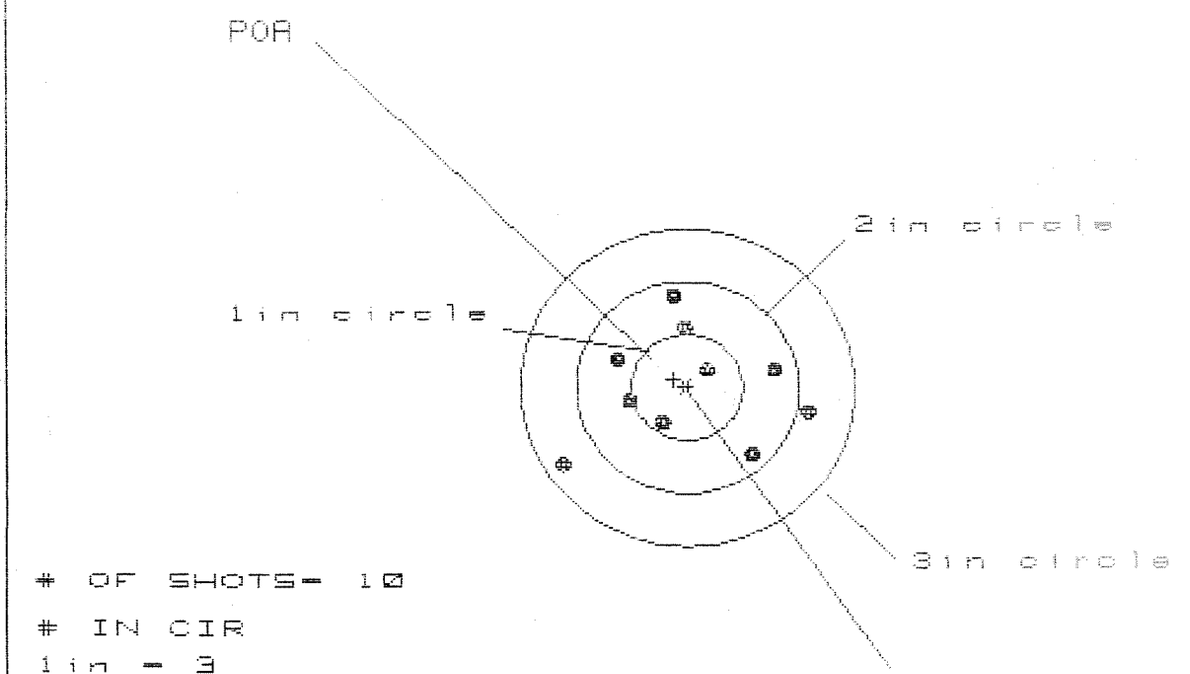
PATTERN # : 1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.145	.995	1.033
MINIMUM X	:	-1.342	-1.047	-.922
MAXIMUM Y	:	.819	.824	.791
MINIMUM Y	:	-1.018	-1.013	-1.046
CENTROID X	:	.150	.300	.175
CENTROID Y	:	.036	.031	.064
POA TO CENTROID in.	:	.155	.301	.186
MIN RADIUS	:	.362	.240	.356
MEAN RADIUS	:	.857	.792	.754
MAX RADIUS	:	1.343	1.123	1.055
HORIZONTAL SPREAD	:	2.487	2.042	1.955
VERTICAL SPREAD	:	1.837	1.837	1.837
EXTREME SPREAD	:	2.507	2.150	1.975

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 10

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523044

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

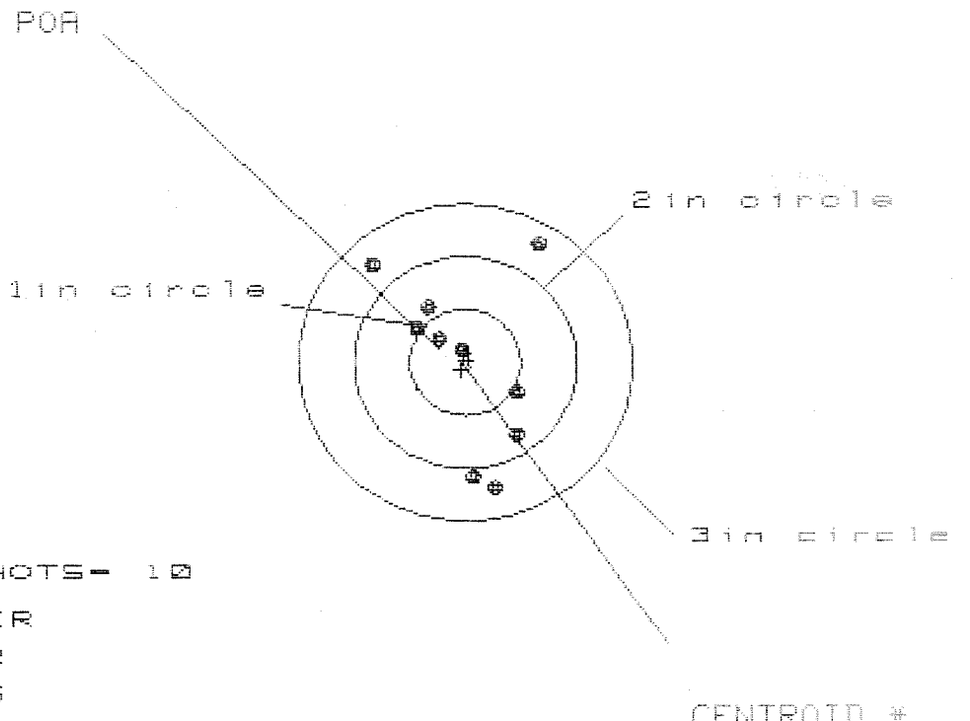
# IN CIR
1in = 3
2in = 8
3in = 10

HS= 2.242
VS= 1.598
GS= 2.292

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.087	.959	.806
MINIMUM X	:	-1.155	-.777	-.657
MAXIMUM Y	:	.876	.796	.755
MINIMUM Y	:	-.720	-.712	-.753
CENTROID X	:	.122	.250	.131
CENTROID Y	:	-.071	.009	.050
POA TO CENTROID in.	:	.141	.251	.140
MIN RADIUS	:	.234	.106	.149
MEAN RADIUS	:	.744	.663	.605
MAX RADIUS	:	1.361	1.011	.957
HORIZONTAL SPREAD	:	2.242	1.736	1.463
VERTICAL SPREAD	:	1.596	1.508	1.508
EXTREME SPREAD	:	2.292	1.809	1.674
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/06523444

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 10

HS= 1.462
VS= 2.260
GS= 2.332

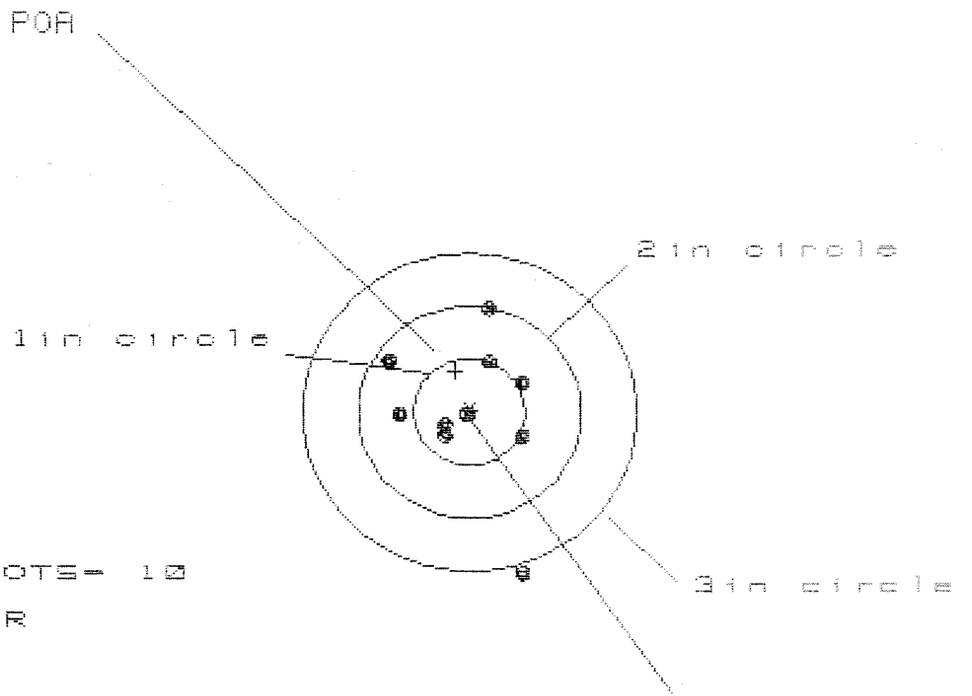
PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.667	.567	.477
MINIMUM X :	-.795	-.721	-.488
MAXIMUM Y :	1.085	1.028	.786
MINIMUM Y :	-1.175	-1.055	-.927
CENTROID X :	.037	-.037	.053
CENTROID Y :	.075	-.045	-.174
POA TO CENTROID in.:	.084	.058	.182
MIN RADIUS :	.133	.247	.379
MEAN RADIUS :	.783	.738	.680
MAX RADIUS :	1.273	1.256	.956
HORIZONTAL SPREAD :	1.462	1.288	.965
VERTICAL SPREAD :	2.260	2.083	1.713
EXTREME SPREAD :	2.332	2.332	1.807

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 10

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523344

CENTERFIRE PATTERNS # 4

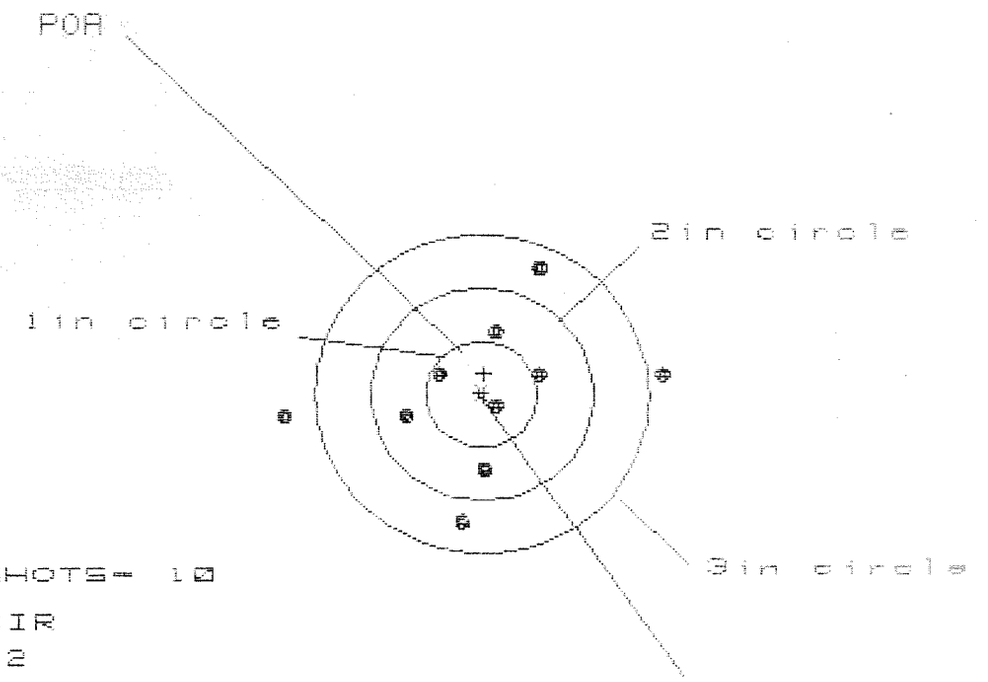


# OF SHOTS= 10
# IN CIR
1in = 3
2in = 8
3in = 9
HS= 1.201
VS= 2.519
GS= 2.534

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.505	.560	.594
MINIMUM X	:	-.696	-.641	-.607
MAXIMUM Y	:	.996	.827	.440
MINIMUM Y	:	-1.523	-.398	-.295
CENTROID X	:	.125	.070	.036
CENTROID Y	:	-.380	-.211	-.314
POA TO CENTROID in.	:	.400	.222	.316
MIN RADIUS	:	.093	.234	.132
MEAN RADIUS	:	.634	.532	.463
MAX RADIUS	:	1.602	.871	.713
HORIZONTAL SPREAD	:	1.201	1.201	1.201
VERTICAL SPREAD	:	2.519	1.225	.735
EXTREME SPREAD	:	2.534	1.330	1.330
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6528344

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 8

HS= 3.487
VS= 2.378
GS= 3.505

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.660	1.457	.502
MINIMUM X	:	-1.827	-1.638	-.655
MAXIMUM Y	:	1.175	1.155	1.174
MINIMUM Y	:	-1.203	-1.223	-1.204
CENTROID X	:	-.020	.183	.000
CENTROID Y	:	-.195	-.175	-.194
POA TO CENTROID in.	:	.196	.253	.194
MIN RADIUS	:	.159	.139	.143
MEAN RADIUS	:	.914	.806	.704
MAX RADIUS	:	1.835	1.465	1.274
HORIZONTAL SPREAD	:	3.487	2.295	1.157
VERTICAL SPREAD	:	2.378	2.378	2.378
EXTREME SPREAD	:	3.505	2.468	2.468
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6523344

DATE 11-14-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.21	2.38	2.70	MIN. SETTING,
PULL #2	2.38	2.33	2.43	2.73	NO AVG. OF 5
PULL #3	2.28	2.38	2.38	2.81	READINGS ACCEPT-
PULL #4	2.29	2.45	2.44	2.77	ABLE LESS THAN 2#
PULL #5	2.19	2.43	2.42	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.49		
PULL #2	3.50	3.50		
PULL #3	3.47	3.36		
PULL #4	3.49	3.38		
PULL #5	3.44	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.26		4.12
PULL #2	4.45	4.40		4.42
PULL #3	4.32	4.40		4.49
PULL #4	4.39	4.49		4.50
PULL #5	4.41	4.40		4.38
TOTAL				
AVG.				