

C6523363

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

RECEIVING AND ESTIMATING REPORT

R 94-18393

INITIAL	CUSTOMER ORDER NO.	W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT			
FDC	DAAA09-92-C-0834	ATTN: FRED MARTIN			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6523363		700 7.62 NATO
ACCESSORIES	SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE	90-0585

FROM:

SHIP TO:

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

AL 36201-5025

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

AL

36201-5025

CUST NO: 098397 C.A.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					FRT
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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	COMMENTS				
* Stock	376.89				
Trigger Assy	173.71				
* Firing pin Assy	9.96				
* Mag Follower	6.13				
* Mag Spring	1.70				
Scope Repair	119.43				
Coat/Insp/Prep	50.00				
	737.81				
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			11/1	11/1/95	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400026772

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523363DATE 9-20-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.61	2.62		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.66	2.69		
PULL #3	2.82	2.56	2.58		
PULL #4	2.51	2.89	2.59		
PULL #5	2.55	2.62	2.68		
TOTAL	13.06	13.34	13.16		
AVG.	2.61	2.66	2.63		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.14		
PULL #2	3.11	2.95		
PULL #3	2.95	2.93		
PULL #4	2.90	3.02		
PULL #5	3.00	2.90		
TOTAL	14.96	14.94		
AVG.	2.99	2.98		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.04	4.21	
PULL #2	4.21	4.15	4.13	
PULL #3	4.07	4.01	4.29	
PULL #4	4.14	4.00	4.22	
PULL #5	4.19	4.10	4.30	
TOTAL	20.75	20.30	21.15	
AVG.	4.15	4.06	4.23	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523363

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			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 1/2	6 1/2	6 1/2			11/28	WB
	G) Safety Off Force	3	3	3			11/28	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.024	.024			11/28	WB
	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 Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.29	2.42	2.48	2.45	2.33	11/28	WB
	C) Function							
660	Pack							

Remington®



REG. U.S. PAT. & TM. OFF.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

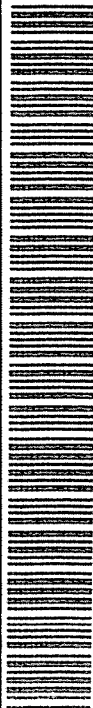
21

SERIAL NO.

C6523363

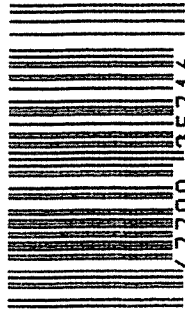
ORDER NO.

5716



5716 C6523363

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523363

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90 B.S.	
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel RB		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/15/90	JM

op. #	OP. NAME	READINGS			DATE	INIT		
625 nt.	F) Safety On Force	5 1/2	5 1/2	5 1/2	10/16/90	WB		
	G) Safety Off Force	2	2	2	10/16/90	WB		
	H) Trigger Pull Test & Retainability				10/16/90	JL		
	I) Firing Pin Indent	.0215	.021	.021	10/16/90	WB		
	J) Assemble Stock				10/22/90	RW		
	K) Assemble Swivel Studs				12/10/90	JS		
	L) Attach Front and Rear Sight Assemblies				10/22/90	RW		
	M) Iron Sight Alignment				10/22/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/22/90	RW		
	O) Attach Scope to Rifle				10/23/90	RW		
	P) Detach & Attach Scope 20 Times				10/23/90	RW		
640	Gallery Target & Test				10-25-90	KT		
	A) Time				10-25-90	KT		
	B) Malfunctions				10-25-90	KT		
	C) Pierced Primers				10-25-90	KT		
	D) Optical Clarity of Scope				10-25-90	KT		
645	Inspect for Live Ammo				10-25-90	KT		
655	Final Inspection				2/10/90	JS		
	A) Headspace				2/10/90	JS		
	B) Trigger Pull	249	249	231	228	220	2/10/90	JS
	C) Function						2/10/90	JS
660	Pack						12/14/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO C6523363

DATE 10/15/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.38	2.39	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.35	2.45	2.49	
PULL #3	2.40	2.34	2.45	2.31	
PULL #4	2.45	2.38	2.23	2.28	
PULL #5	2.42	2.39	2.42	2.50	
TOTAL	11.99	11.84	11.94		
AVG.	2.398	2.368	2.388		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.48		
PULL #2	3.28	3.47		
PULL #3	3.35	3.48		
PULL #4	3.37	3.49		
PULL #5	3.43	3.23		
TOTAL	16.75	17.15		
AVG.	3.35	3.43		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.33		4.36
PULL #2	4.24	4.32		4.31
PULL #3	4.33	4.34		4.31
PULL #4	4.30	4.35		4.32
PULL #5	4.23	4.27		4.34
TOTAL	21.47	21.61		21.64
AVG.	4.294	4.322		4.328

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523363
26 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.241599
1 TO	2	.254892
1 TO	3	.39706
1 TO	4	.304201
1 TO	5	.237968

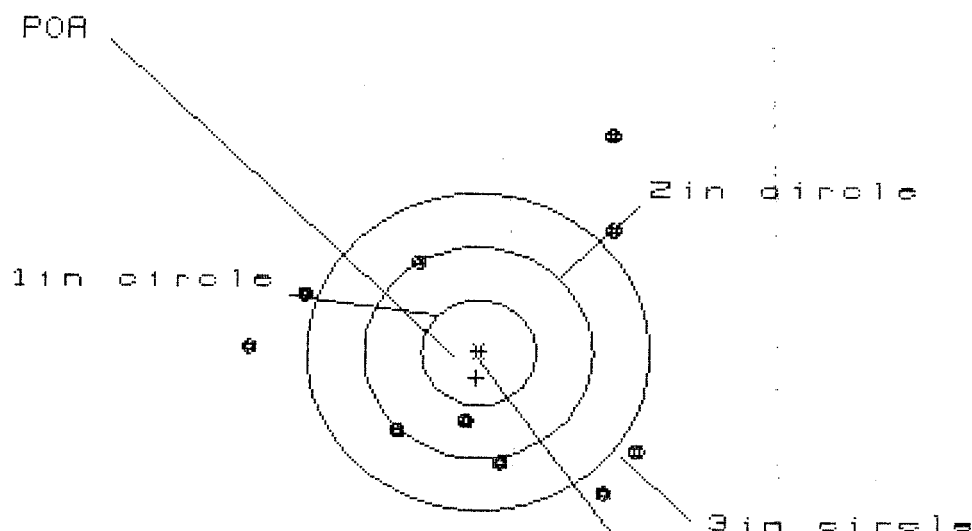
31 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.192
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .220143
THE AUR FOR THIS RIFLE IS: 1.213

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523363

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 1

3 in = 4

HS= 3.366

VS= 3.338

GS= 3.722

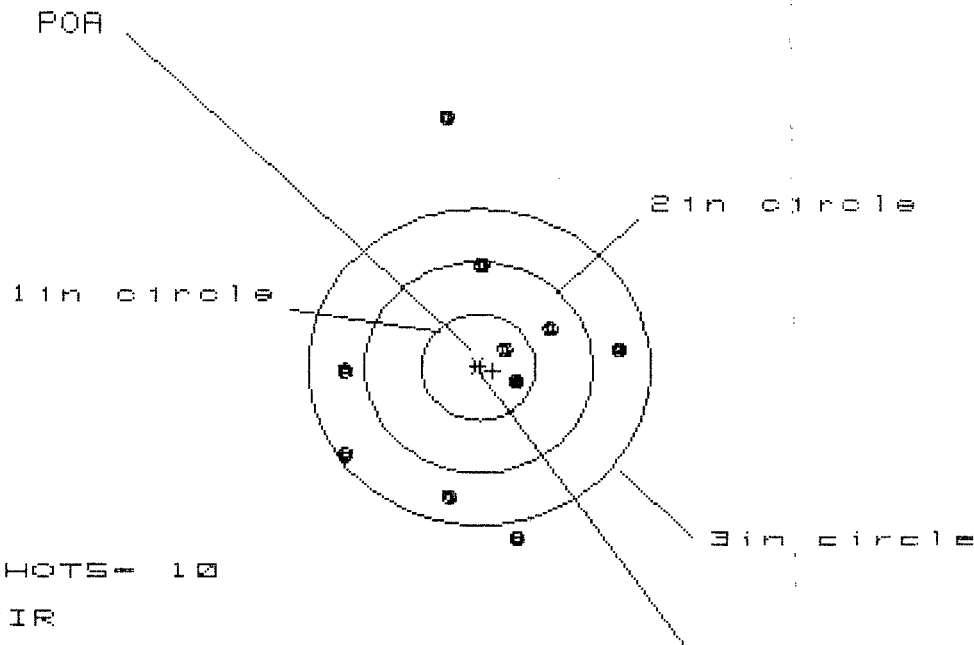
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.371	1.499	1.265
MINIMUM X	:	-1.995	-1.867	-1.642
MAXIMUM Y	:	2.013	1.365	1.396
MINIMUM Y	:	-1.325	-1.101	-1.070
CENTROID X	:	.017	-.111	.128
CENTROID Y	:	.241	.017	-.014
POA TO CENTROID in.	:	.241	.112	.124
MIN RADIUS	:	.629	.398	.422
MEAN RADIUS	:	1.465	1.316	1.237
MAX RADIUS	:	2.318	1.893	1.832
HORIZONTAL SPREAD	:	3.366	3.366	2.907
VERTICAL SPREAD	:	3.338	2.466	2.466
EXTREME SPREAD	:	3.722	3.502	3.273
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	1		
NUMBER IN THREE INCH CIRCLE	=	4		

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523363

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 2

2in - 3

3in = 5

HS= 2.343

VS= 4.009

GS= 4.062

CENTROID #

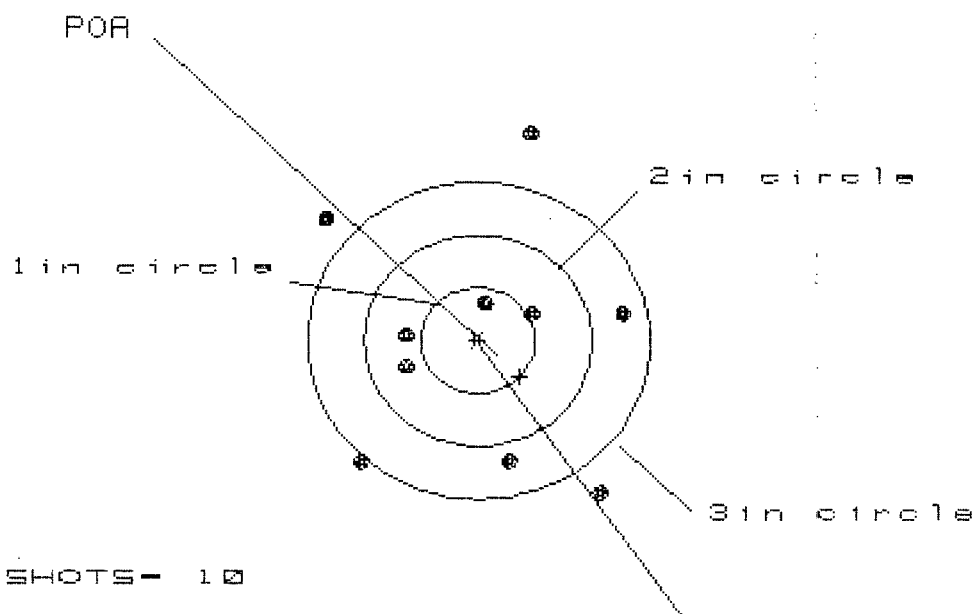
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.210	1.178	1.220
MINIMUM X	:	-1.133	-1.165	-1.128
MAXIMUM Y	:	2.332	1.270	1.098
MINIMUM Y	:	-1.677	-1.418	-1.196
CENTROID X	:	-.126	-.094	-.136
CENTROID Y	:	.030	-.229	-.052
POA TO CENTROID in.	:	.130	.248	.145
MIN RADIUS	:	.319	.334	.378
MEAN RADIUS	:	1.159	1.025	.947
MAX RADIUS	:	2.350	1.457	1.367
HORIZONTAL SPREAD	:	2.343	2.343	2.348
VERTICAL SPREAD	:	4.009	2.688	2.280
EXTREME SPREAD	:	4.062	2.708	2.544
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523363

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 4

3 in - 6

HS- 2.511

VS- 3.387

GS- 3.478

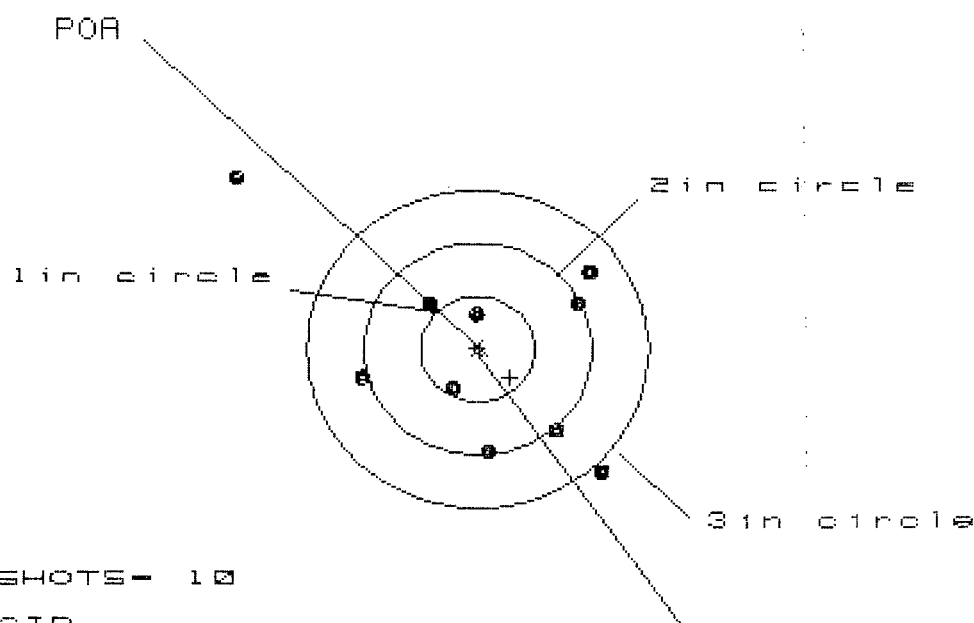
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	1.272	1.407
MINIMUM X	:	-1.286	-1.239	-1.104
MAXIMUM Y	:	1.945	1.362	1.208
MINIMUM Y	:	-1.442	-1.226	-1.090
CENTROID X	:	-.367	-.414	-.549
CENTROID Y	:	.342	.126	.280
POA TO CENTROID in.	:	.502	.433	.616
MIN RADIUS	:	.333	.554	.440
MEAN RADIUS	:	1.161	1.070	.969
MAX RADIUS	:	1.989	1.841	1.637
HORIZONTAL SPREAD	:	2.511	2.511	2.511
VERTICAL SPREAD	:	3.387	2.588	2.298
EXTREME SPREAD	:	3.478	3.478	2.755
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523363

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 3.165

VS= 2.862

GS= 4.267

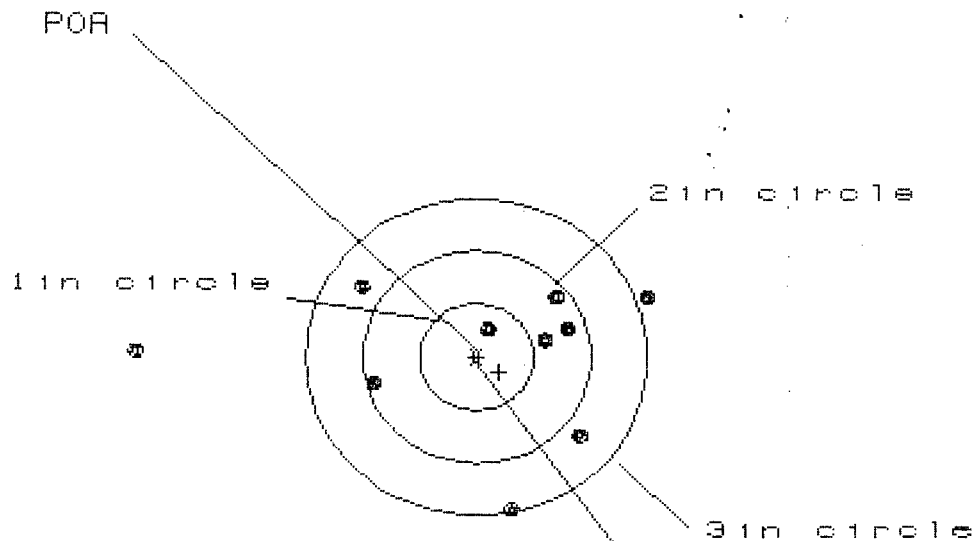
CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.061	.827	.899
MINIMUM X	-2.104	-1.222	-1.119
MAXIMUM Y	1.660	.913	.786
MINIMUM Y	-1.202	-1.017	-.922
CENTROID X	-.286	-.052	-.155
CENTROID Y	.268	.083	.210
POA TO CENTROID in.	.392	.098	.262
MIN RADIUS	.315	.487	.383
MEAN RADIUS	1.089	.902	.830
MAX RADIUS	2.680	1.311	1.194
HORIZONTAL SPREAD	3.165	2.049	2.018
VERTICAL SPREAD	2.862	1.930	1.708
EXTREME SPREAD	4.267	2.266	2.236
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65233B3

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 4.487

VS= 2.136

GS= 4.514

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.476	1.142	.658
MINIMUM X	:	-3.011	-1.337	-1.195
MAXIMUM Y	:	.688	.691	.756
MINIMUM Y	:	-1.448	-1.445	-1.330
CENTROID X	:	-.198	.136	-.007
CENTROID Y	:	.139	.136	.071
POR TO CENTROID in.	:	.242	.193	.071
MIN RADIUS	:	.268	.293	.294
MEAN RADIUS	:	1.192	.902	.882
MAX. RADIUS	:	3.011	1.505	1.414
HORIZONTAL SPREAD	:	4.487	2.479	1.852
VERTICAL SPREAD	:	2.136	2.136	2.136
EXTREME SPREAD	:	4.514	2.497	2.497
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	