

C6523390

MODEL 700™ M24

Model **SMS**™

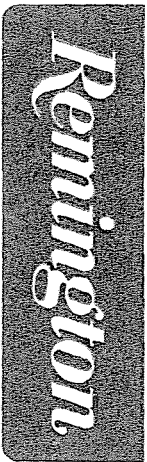
Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



BARBER - M24 0027239 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18300

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

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6523390 NEW SERIAL NUMBER MODEL AND GRADE 700 7-62 NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

90-1038

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-J.D.L

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	A	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 326.89
Trigger Assy 173.71
* Firing pin Assy 9.96
* Mag Box 2.06
* Mag Follower 6.10
* Mag Spring 1.76
* Bolt Release 1.10
Scope Rep 119.43
Clean/Insp/Prep 30.00
740.95

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0027239 0027278

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523390

DATE 10/18/95

TESTER AW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.25	2.33	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.27	2.44	
PULL #3	2.24	2.32	2.42	
PULL #4	2.32	2.36	2.44	
PULL #5	2.24	2.37	2.33	
TOTAL	11.50	11.65	12.01	
AVG.	2.30	2.33	2.40	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.38	3.30	
PULL #2	3.32	3.34	
PULL #3	3.36	3.37	
PULL #4	3.30	3.34	
PULL #5	3.34	3.40	
TOTAL	16.70	16.75	
AVG.	3.34	3.35	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.10	4.00	
PULL #2	4.07	4.07	4.02	
PULL #3	4.14	4.05	4.05	
PULL #4	4.14	4.02	4.10	
PULL #5	4.15	4.12	4.07	
TOTAL	20.56	20.36	20.24	
AVG.	4.11	4.07	4.05	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523390

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 0027242

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/27	WB
	G) Safety Off Force	3	3	3			11/27	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.072	.072	.072			11/27	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	2.54	2.64	2.48	2.52	2.47	11/27	WB
	C) Function							
660	Pack							



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

MODEL 700™ M24

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

01

SERIAL NO.
C6523390

ORDER NO.
5716



5716 C6523390



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523390

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 GS	
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel AB		9/28/90	WB
620	Apply Coatings (Barrel Action)		9-28-90	TS
	Apply Coating (Bolt)		10-8-90	
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/15/90	RM

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	5	5	5			10/16/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			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						10/16/90	RW
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						10/16/90	RW
	M) Iron Sight Alignment						10/16/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/16/90	RW
	O) Attach Scope to Rifle						10/16/90	RW
	P) Detach & Attach Scope 20 Times						10/16/90	RW
640	Gallery Target & Test						10/24/90	AF
	A) Time						10/24/90	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						10/24/90	AF
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	2.68	2.64	2.71	2.75	2.72	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12-18-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523390

DATE 10/15/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.47	2.48	268	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.50	2.40	264	
PULL #3	2.17	2.47	2.38 2.38	271	
PULL #4	2.34	2.49	2.50 2.50	275	
PULL #5	2.35	2.36	2.43 2.43	272	
TOTAL	11.44	12.29	12.19		
AVG.	2.288	2.458	2.438		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.28		
PULL #2	3.20	3.21		
PULL #3	3.28	3.15		
PULL #4	3.13	3.35		
PULL #5	3.29	3.24		
TOTAL	16.12	16.24		
AVG.	3.224	3.248		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.26		4.34
PULL #2	4.26	4.20		4.37
PULL #3	4.32	4.29		4.40
PULL #4	4.28	4.12		4.38
PULL #5	4.34	4.17		4.20
TOTAL	21.36	21.04		21.69
AVG.	4.272	4.208		4.338

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523390
25 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.148607
1 TO	2	.149833
1 TO	3	.12431
1 TO	4	.313287
1 TO	5	.445929

5 24 <----POA

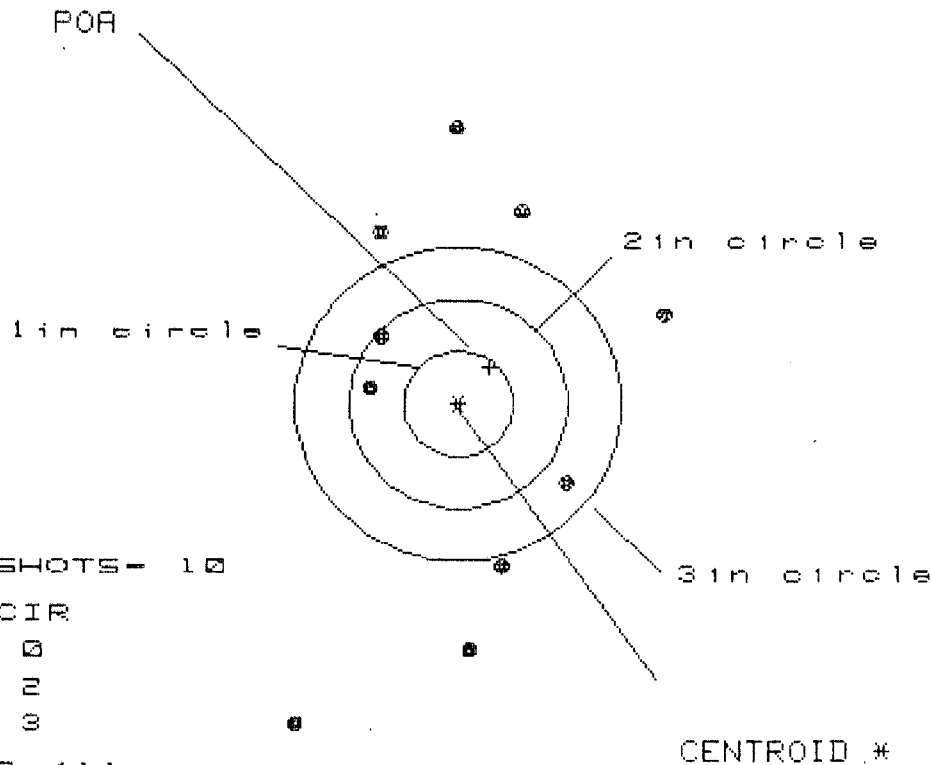
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1012
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .143543
THE AMR FOR THIS RIFLE IS: 1.19

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523390

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 3

HS= 3.411

VS= 5.704

GS= 5.898

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.870	1.699	1.673
MINIMUM X	:	-1.541	-.968	-.994
MAXIMUM Y	:	2.610	2.267	1.760
MINIMUM Y	:	-3.094	-2.658	-2.375
CENTROID X	:	-.288	-.117	-.091
CENTROID Y	:	-.345	-.002	-.285
POA TO CENTROID in.	:	.450	.117	.299
MIN RADIUS	:	.803	.965	.995
MEAN RADIUS	:	1.872	1.669	1.585
MAX RADIUS	:	3.456	2.660	2.377
HORIZONTAL SPREAD	:	3.411	2.667	2.667
VERTICAL SPREAD	:	5.704	4.925	4.135
EXTREME SPREAD	:	5.898	4.927	4.162
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	3		

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523390

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 9

HS= 3.294

VS= 2.370

GS= 3.300

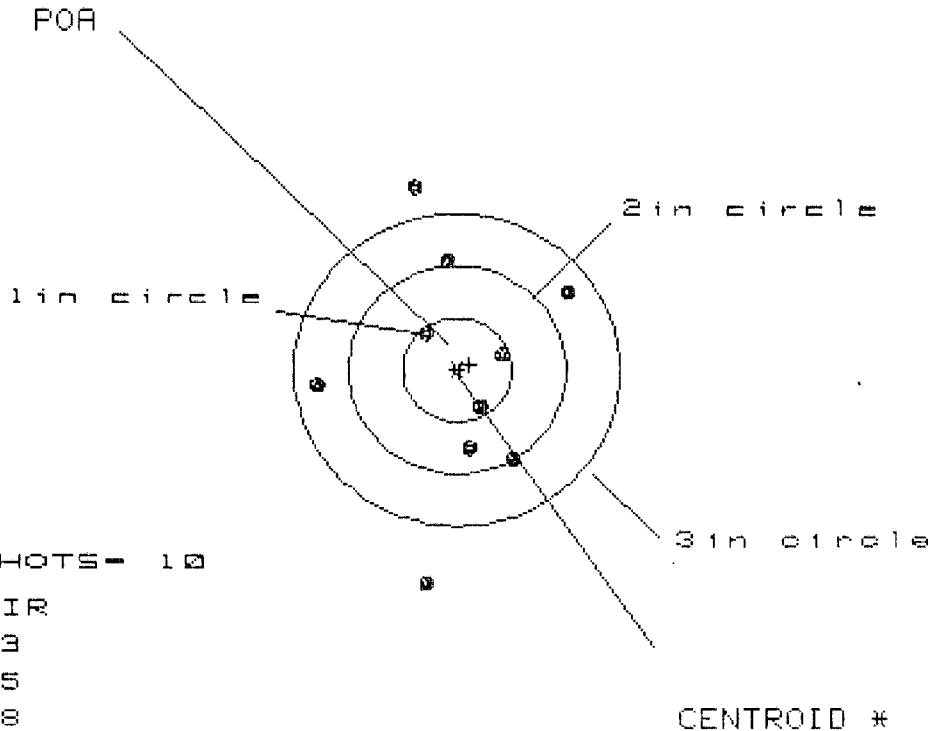
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.888	1.461	1.405
MINIMUM X	:	-1.406	-1.197	-1.253
MAXIMUM Y	:	1.070	1.056	.892
MINIMUM Y	:	-1.300	-1.314	-.819
CENTROID X	:	.125	-.084	-.028
CENTROID Y	:	-.110	-.096	.068
POA TO CENTROID in.	:	.167	.128	.074
MIN RADIUS	:	.239	.104	.276
MEAN RADIUS	:	1.180	1.073	1.035
MAX RADIUS	:	1.892	1.480	1.406
HORIZONTAL SPREAD	:	3.294	2.658	2.658
VERTICAL SPREAD	:	2.370	2.370	1.711
EXTREME SPREAD	:	3.300	2.719	2.719
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523390

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.302

VS= 3.815

GS= 3.817

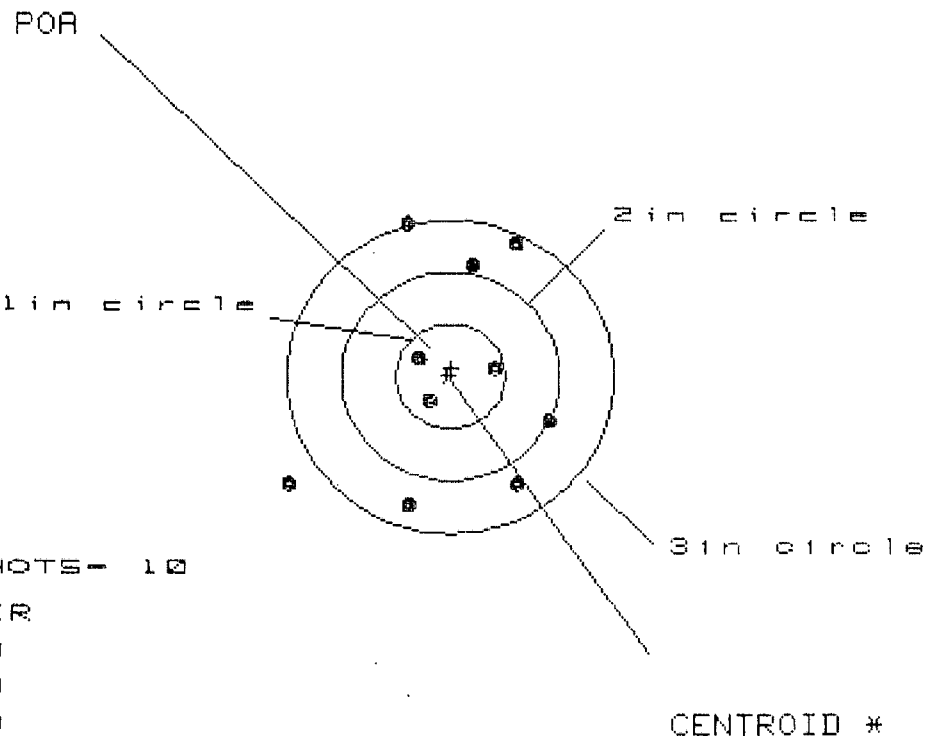
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.979	.931
MINIMUM X	:	-1.295	-1.323	-1.371
MAXIMUM Y	:	1.732	1.501	1.032
MINIMUM Y	:	-2.083	-1.045	-.858
CENTROID X	:	-.112	-.084	-.036
CENTROID Y	:	-.051	.180	-.007
POA TO CENTROID in.	:	.123	.199	.037
MIN RADIUS	:	.360	.302	.365
MEAN RADIUS	:	1.046	.923	.818
MAX RADIUS	:	2.097	1.550	1.388
HORIZONTAL SPREAD	:	2.302	2.302	2.302
VERTICAL SPREAD	:	3.815	2.546	1.889
EXTREME SPREAD	:	3.817	2.693	2.498
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

25 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523390

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 3

3 in = 8

HS= 2.453

VS= 2.674

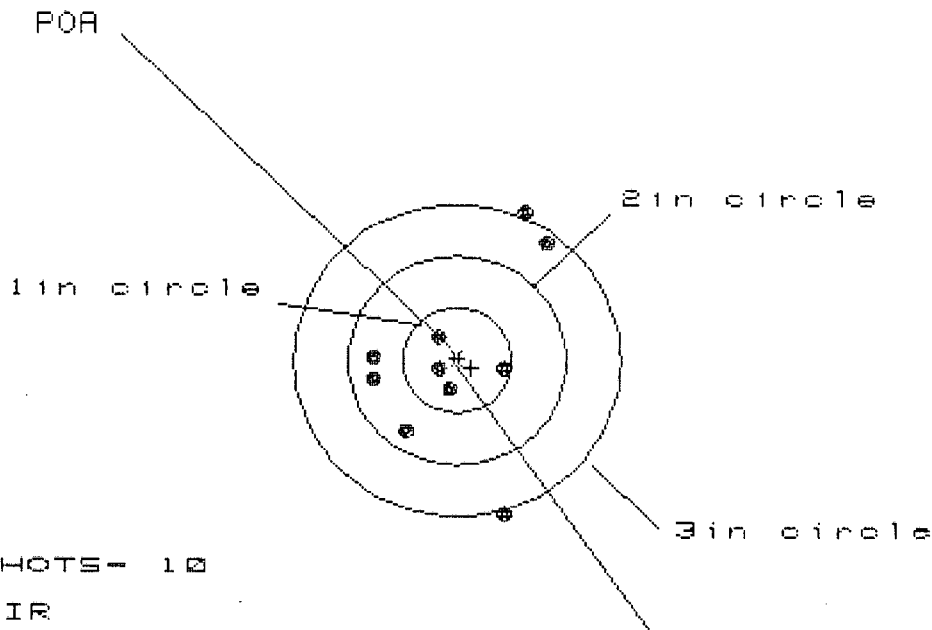
GS= 3.133

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.954	.787	.714
MINIMUM X	:	-1.499	-.591	-.589
MAXIMUM Y	:	1.439	1.324	1.319
MINIMUM Y	:	-1.235	-1.350	-1.185
CENTROID X	:	-.010	.157	.230
CENTROID Y	:	-.075	.040	-.125
POA TO CENTROID in.	:	.075	.162	.262
MIN RADIUS	:	.321	.264	.216
MEAN RADIUS	:	1.040	.944	.867
MAX RADIUS	:	1.820	1.450	1.375
HORIZONTAL SPREAD	:	2.453	1.378	1.302
VERTICAL SPREAD	:	2.674	2.674	2.504
EXTREME SPREAD	:	3.133	2.687	2.687
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523390

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 1.615

VS= 2.860

GS= 2.864

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.849	.900	.983
MINIMUM X	-.766	-.715	-.632
MAXIMUM Y	1.386	1.222	1.144
MINIMUM Y	-1.474	-.884	-.731
CENTROID X	-.130	-.181	-.264
CENTROID Y	.072	.236	.083
POA TO CENTROID in.	.149	.297	.276
MIN RADIUS	.199	.134	.109
MEAN RADIUS	.811	.736	.599
MAX RADIUS	1.543	1.391	1.508
HORIZONTAL SPREAD	1.615	1.615	1.615
VERTICAL SPREAD	2.860	2.106	1.875
EXTREME SPREAD	2.864	2.379	2.306
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		