

C6587520

MODEL 700™ M24

Model **SMS**™

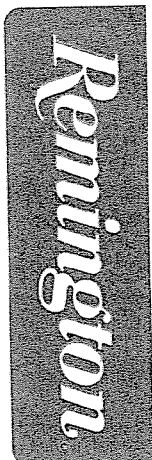
Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



C 6587520

New BARREL ACTION

C 6702863

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18318

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

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

SCOPE 90-1026

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6587520 NEW SERIAL NUMBER C6702863 MODEL AND GRADE 700 7.62 NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

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
ANNISTONAL
36201-5025

CUST NO: 098397 C.O.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	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

firing pin slot miscut
New Barreled Action

PARTS

COMMENTS

x Stock	376.89
Trigger Assy	173.71
x Firing pin Assy	9.96
x Mag Box	2.06
x Mag Spring	1.76
x Mag Follower	6.10
Scope Rep	119.43
Clean/Insp/Prep	50.00
	<u>739.85</u>

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

M2400021955

SWS TRIGGER PULL TEST

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

SERIAL NO. C6702863

DATE 10-25-95

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.68	2.46	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.47	2.48	
PULL #3	2.38	2.58	2.49	
PULL #4	2.51	2.51	2.42	
PULL #5	2.37	2.59	2.40	
TOTAL	12.37	12.61	12.33	
AVG.	2.47	2.52	2.46	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.27	3.20	
PULL #2	3.16	3.06	
PULL #3	3.23	3.17	
PULL #4	3.24	3.14	
PULL #5	3.23	3.17	
TOTAL	16.13	15.74	
AVG.	3.22	3.14	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	3.92	4.11	
PULL #2	4.05	3.97	4.00	
PULL #3	4.03	3.90	3.90	
PULL #4	4.09	3.90	4.09	
PULL #5	4.00	3.85	4.02	
TOTAL	20.27	19.54	20.12	
AVG.	4.05	3.90	4.02	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587520

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	7 1/2	7 1/2	7 1/4			11/29	WB
	G) Safety Off Force	3 3/4	3 3/4	3 3/4			11/29	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.023	.023			11/29	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	2.61	2.62	2.60	2.60	2.62	11/29	WB
	C) Function							
660	Pack							

Remington[®]

Model 700™ H24

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

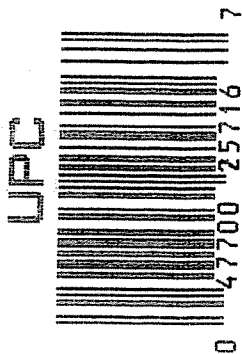
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6587520

ORDER NO.
5716

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

01



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587520

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KD
600	Proof		10/22/90	KD
607	Check Headspace		10/22/90	KD
610	Dis-assemble Gun		10/22/90	KD
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		10/24/90	KR
615	Rollmark Caliber		10/24/90	LS
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	AA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	AB

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5	5	5	11/15/90	WB	
	G) Safety Off Force	2	2	2	11/15/90	WB	
	H) Trigger Pull Test & Retainability				11-16-90	JA	
	I) Firing Pin Indent	.020	.0205	.020	11/15/90	WB	
	J) Assemble Stock				11/16/90	KS	
	K) Assemble Swivel Studs				11-27-90	JS	
	L) Attach Front and Rear Sight Assemblies				11/16/90	KS	
	M) Iron Sight Alignment				11/16/90	KS	
	N) Detach Front & Rear Sights & place in numbered container				11/16/90	KS	
	O) Attach Scope to Rifle				11/16/90	KS	
	P) Detach & Attach Scope 20 Times				11/16/90	KS	
640	Gallery Target & Test				11-26-90	KF	
	A) Time				11-26-90	KF	
	B) Malfunctions				11-26-90	KF	
	C) Pierced Primers				11-26-90	KF	
	D) Optical Clarity of Scope				11-26-90	KF	
645	Inspect for Live Ammo				11-26-90	KF	
655	Final Inspection						
	A) Headspace				11-27-90	JS	
	B) Trigger Pull	256	243	232	232	12.30	11-27-90
	C) Function				11-27-90	JS	
660	Pack				12/8-90	DH	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587520

DATE 11-16-90

TESTER gfl.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.32	2.36	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.11	2.22	2.43	
PULL #3	2.58	2.43	2.32	2.32	
PULL #4	2.34	2.49	2.36	2.32	
PULL #5	2.35	2.33	2.23	2.30	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.40		
PULL #2	3.13	3.31		
PULL #3	3.27	3.35		
PULL #4	3.26	3.28		
PULL #5	3.35	3.26		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.27		4.26
PULL #2	4.32	4.30		4.31
PULL #3	4.30	4.32		4.29
PULL #4	4.32	4.34		4.22
PULL #5	4.34	4.34		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587520
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.0955877
1 TO	2	.222353
1 TO	3	.224956
1 TO	4	.15262
1 TO	5	.281576

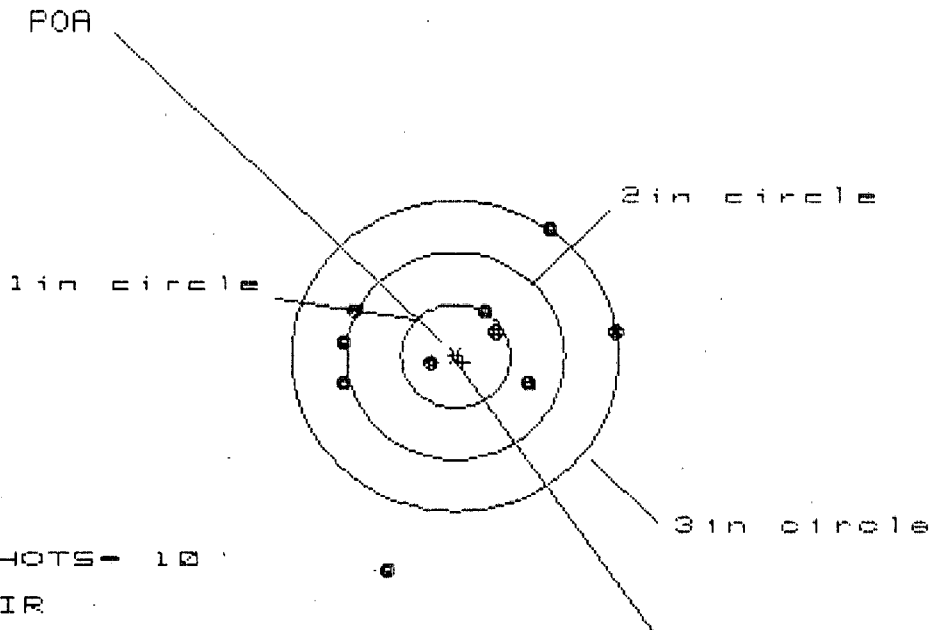
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0298
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.078
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0834987
THE AMR FOR THIS RIFLE IS: .9832

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587520

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 7

HS= 2.578

VS= 3.316

GS= 3.649

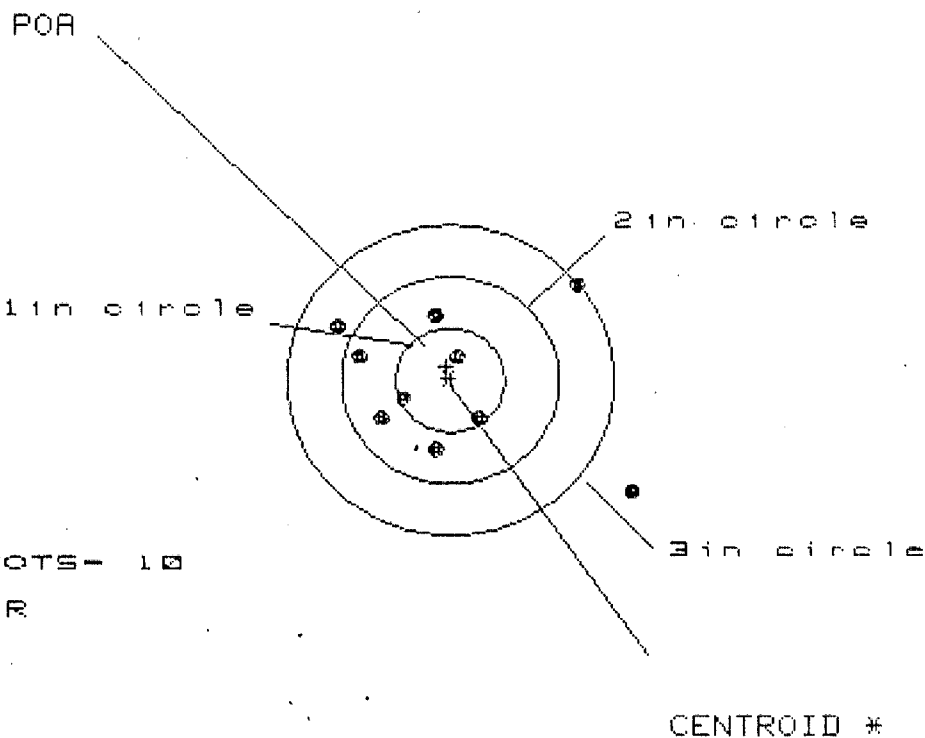
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.515	1.446	1.551
MINIMUM X	:	-1.063	-1.132	-1.027
MAXIMUM Y	:	1.277	1.051	.343
MINIMUM Y	:	-2.039	-.529	-.398
CENTROID X	:	-.071	-.002	-.107
CENTROID Y	:	.064	.290	.159
POA TO CENTROID in.	:	.095	.290	.192
MIN RADIUS	:	.202	.279	.229
MEAN RADIUS	:	1.030	.886	.820
MAX RADIUS	:	2.130	1.446	1.558
HORIZONTAL SPREAD	:	2.578	2.578	2.578
VERTICAL SPREAD	:	3.316	1.580	.741
EXTREME SPREAD	:	3.649	2.629	2.629
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

27 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587520

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.727

VS= 2.064

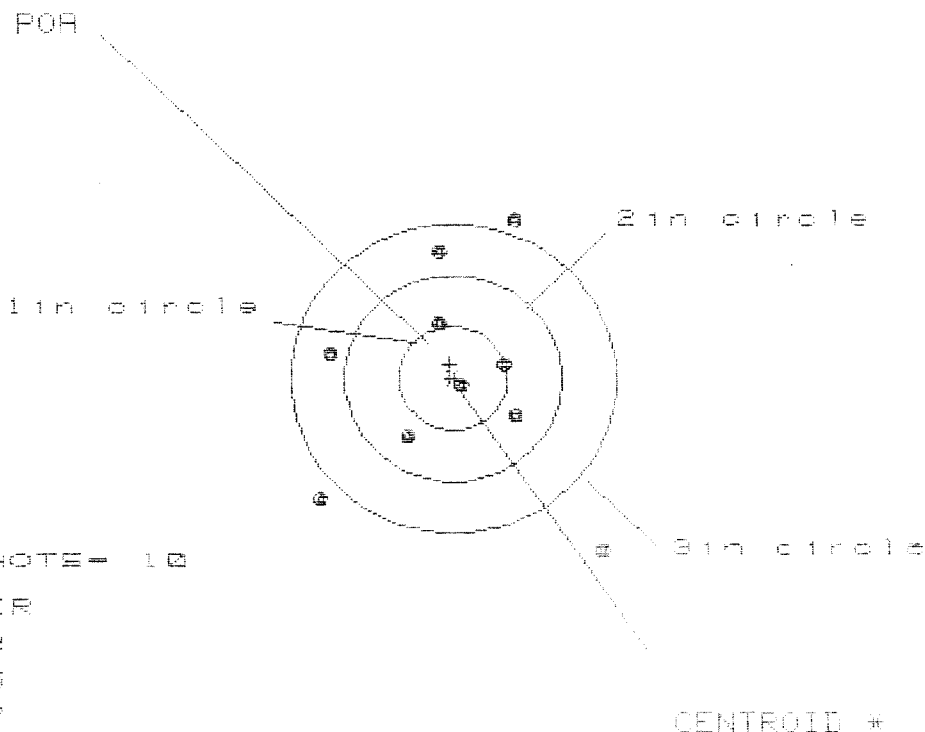
GS= 3.193

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.649	1.395	.575
MINIMUM X	:	-1.078	-.895	-.721
MAXIMUM Y	:	.980	.860	.611
MINIMUM Y	:	-1.084	-.781	-.674
CENTROID X	:	.034	-.149	-.323
CENTROID Y	:	-.132	-.012	-.119
POA TO CENTROID in.	:	.137	.149	.345
MIN RADIUS	:	.300	.332	.219
MEAN RADIUS	:	.882	.733	.587
MAX RADIUS	:	1.973	1.639	.915
HORIZONTAL SPREAD	:	2.727	2.290	1.296
VERTICAL SPREAD	:	2.064	1.641	1.285
EXTREME SPREAD	:	3.193	2.325	1.593
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

27 Nov 1998

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

LS = 0.640

VS = 0.183

GS = 0.284

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.421	.757	.624
MINIMUM X	:	-1.219	-1.061	-1.093
MAXIMUM Y	:	1.513	1.333	1.166
MINIMUM Y	:	-1.620	-1.332	-1.884
CENTROID X	:	.028	-.130	.003
CENTROID Y	:	-.138	.042	.209
POA TO CENTROID in.	:	.141	.136	.209
MIN RADIUS	:	.108	.344	.182
MEAN RADIUS	:	1.033	.913	.792
MAX RADIUS	:	2.155	1.703	1.323
HORIZONTAL SPREAD	:	2.640	1.818	1.717
VERTICAL SPREAD	:	3.133	2.665	2.050
EXTREME SPREAD	:	3.294	3.226	2.315
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			7	

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587520

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 8

HS= 2.738

VS= 2.956

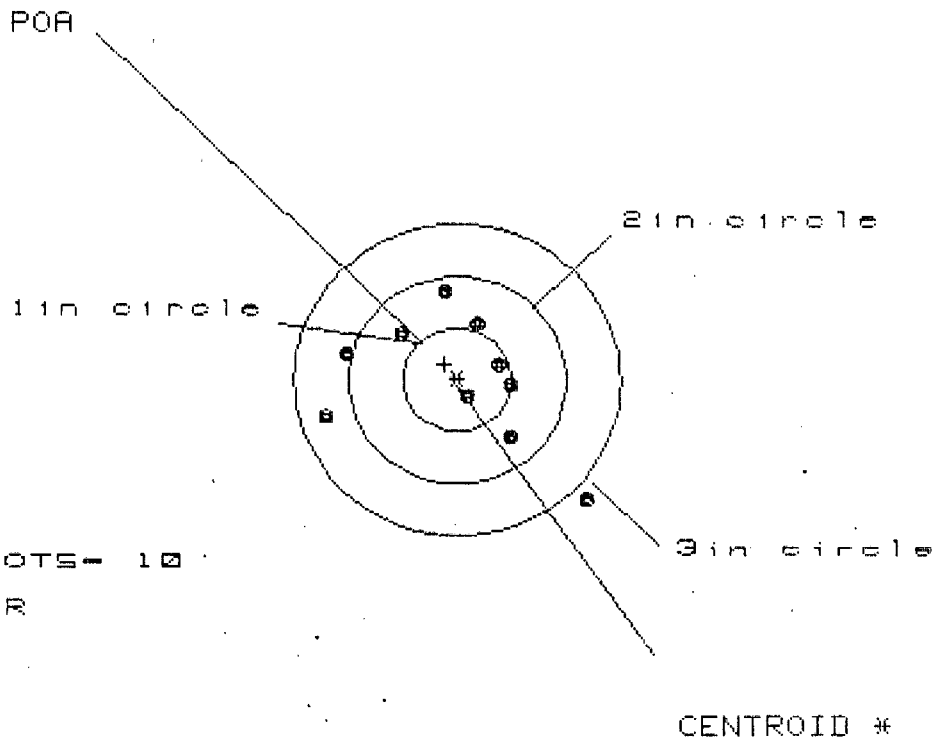
GS= 3.273

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.403	1.482	1.405
MINIMUM X	:	-1.335	-1.256	-1.333
MAXIMUM Y	:	1.305	1.122	1.238
MINIMUM Y	:	-1.651	-1.490	-1.350
CENTROID X	:	.046	-.033	.044
CENTROID Y	:	-.034	.149	.009
POA TO CENTROID in.	:	.058	.152	.045
MIN RADIUS	:	.312	.282	.281
MEAN RADIUS	:	1.192	1.089	1.074
MAX RADIUS	:	1.796	1.532	1.420
HORIZONTAL SPREAD	:	2.738	2.738	2.738
VERTICAL SPREAD	:	2.956	2.612	2.588
EXTREME SPREAD	:	3.273	2.803	2.803
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587520

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.467

VS= 1.971

GS= 2.614

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.226	.581	.443
MINIMUM X	:	-1.241	-1.105	-.968
MAXIMUM Y	:	.805	.675	.621
MINIMUM Y	:	-1.166	-.651	-.705
CENTROID X	:	.112	-.024	.114
CENTROID Y	:	-.150	-.020	.034
POA TO CENTROID in.	:	.187	.032	.118
MIN RADIUS	:	.152	.337	.324
MEAN RADIUS	:	.779	.680	.587
MAX RADIUS	:	1.692	1.186	.968
HORIZONTAL SPREAD	:	2.467	1.686	1.411
VERTICAL SPREAD	:	1.971	1.326	1.326
EXTREME SPREAD	:	2.614	1.711	1.592
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	