

C6523400

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

BARBER - M24 9027440

COMMENTS

ORDER

R 94-18153

90-0078

RECEIVING AND ESTIMATING REPORT
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 C6523400

NEW SERIAL NUMBER

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
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

COMMENTS

* Stock 376.89
Trigger Assy 173.71
* Mag Box 2.06
* mag follower 6.12
* Mag Spring 1.70
Scope Rep 119.43
Clean/Insp/Rep 50.00
729.91

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 9027440

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

SERIAL NO. C6523 400DATE 9-14-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.66	2.49	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.53	2.60	
PULL #3	2.45	2.47	2.67	
PULL #4	2.40	2.55	2.56	
PULL #5	2.40	2.54	2.64	
TOTAL	12.54	12.58	13.07	
AVG.	2.50	2.51	2.61	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	3.00		
PULL #2	3.09	3.04		
PULL #3	3.00	3.17		
PULL #4	3.00	3.14		
PULL #5	3.06	3.00		
TOTAL	15.23	15.35		
AVG.	3.04	3.07		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	4.15	4.04	
PULL #2	4.00	4.13	4.04	
PULL #3	3.95	4.09	4.20	
PULL #4	4.02	4.15	4.20	
PULL #5	4.03	4.10	3.95	
TOTAL	20.00	20.62	20.43	
AVG.	4.00	4.12	4.08	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C-6523400

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	4.5	4.5	5.0			12-2-95	DA
	G) Safety Off Force	3.0	3.0	3.0			12-2-95	DA
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.38	2.39	2.45	2.43	2.44	12-2-95	DA
	C) Function							
660	Pack							

Remington
MODEL 700™ H24

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

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

SERIAL NO.
C6523400

ORDER NO.
5716

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

5716 C6523400

UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523400

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	LS
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel RB		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-8-90	TS
	Apply Coating (Bolt)		10-8-90	TS
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	JS

op. #	OP. NAME	READINGS			DATE	INIT		
625 nt.	F) Safety On Force	4 1/2	4 1/2	4 1/2	10/16/90	WB		
	G) Safety Off Force	3	3	3	10/16/90	WB		
	H) Trigger Pull Test & Retainability				10/15/90	Jf		
	I) Firing Pin Indent	.024	.024	.024	10/16/90	WB		
	J) Assemble Stock				10/16/90	RW		
	K) Assemble Swivel Studs				2/10/90	JS		
	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	DH		
	A) Time				10-24-90	DH		
	B) Malfunctions				10-24-90	DH		
	C) Pierced Primers				10-24-90	DH		
	D) Optical Clarity of Scope				10-24-90	DH		
645	Inspect for Live Ammo				10-24-90	DH		
655	Final Inspection							
	A) Headspace				2/10/90	JS		
	B) Trigger Pull	230	229	233	234	238	2/10/90	JS
	C) Function						2/10/90	JS
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. C6523400
DATE 10/25/90
TESTER JFJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.32	2.36	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.10	2.43	2.29	
PULL #3	2.37	2.36	2.46	2.33	
PULL #4	2.36	2.39	2.42	2.34	
PULL #5	2.32	2.46	2.38	2.38	
TOTAL	11.93	11.63	12.05		
AVG.	2.386	2.326	2.41		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.28		
PULL #2	3.19	3.39		
PULL #3	3.22	3.19		
PULL #4	3.24	3.44		
PULL #5	3.25	3.40		
TOTAL	16.13	16.7		
AVG.	3.226	3.34		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.29		4.38
PULL #2	4.28	4.31		4.41
PULL #3	4.35	4.37		4.37
PULL #4	4.29	4.40		4.35
PULL #5	4.24	4.06		4.36
TOTAL	21.48	21.43		21.87
AVG.	4.296	4.286		4.374

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523400
24 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.398212
1 TO	2	.699806
1 TO	3	.322219
1 TO	4	.533835
1 TO	5	.369935

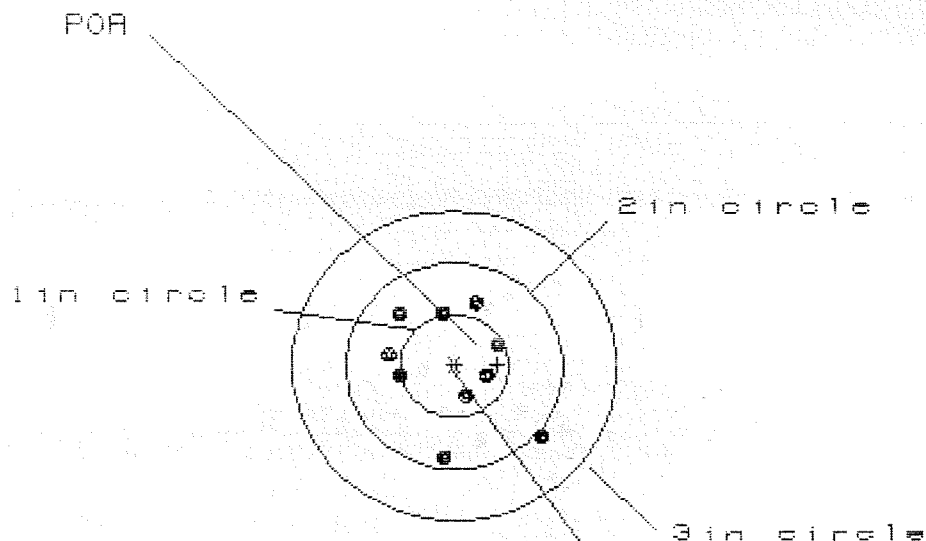
1.42 <----POA
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0792
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1444
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .164694
THE AMR FOR THIS RIFLE IS: .7284

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523488

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 3

2in = 9

3in = 10

HS = 1.361

VS = 1.504

GS = 1.806

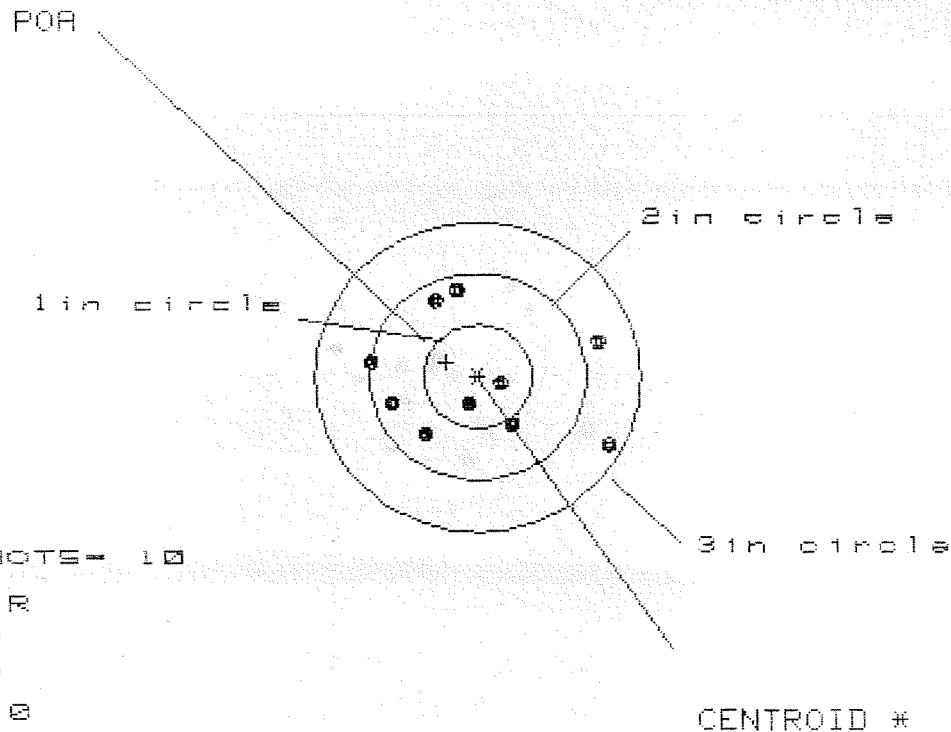
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.788	.490	.493
MINIMUM X	-.573	-.485	-.482
MAXIMUM Y	.647	.568	.451
MINIMUM Y	-.857	-.936	-.449
CENTROID X	-.398	-.486	-.489
CENTROID Y	-.013	.066	.183
POA TO CENTROID in.	.399	.490	.522
MIN RADIUS	.271	.379	.362
MEAN RADIUS	.608	.552	.494
MAX RADIUS	1.060	.936	.549
HORIZONTAL SPREAD	1.361	.975	.975
VERTICAL SPREAD	1.504	1.504	.900
EXTREME SPREAD	1.806	1.527	1.067
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523400

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.248

VS= 1.532

GS= 2.397

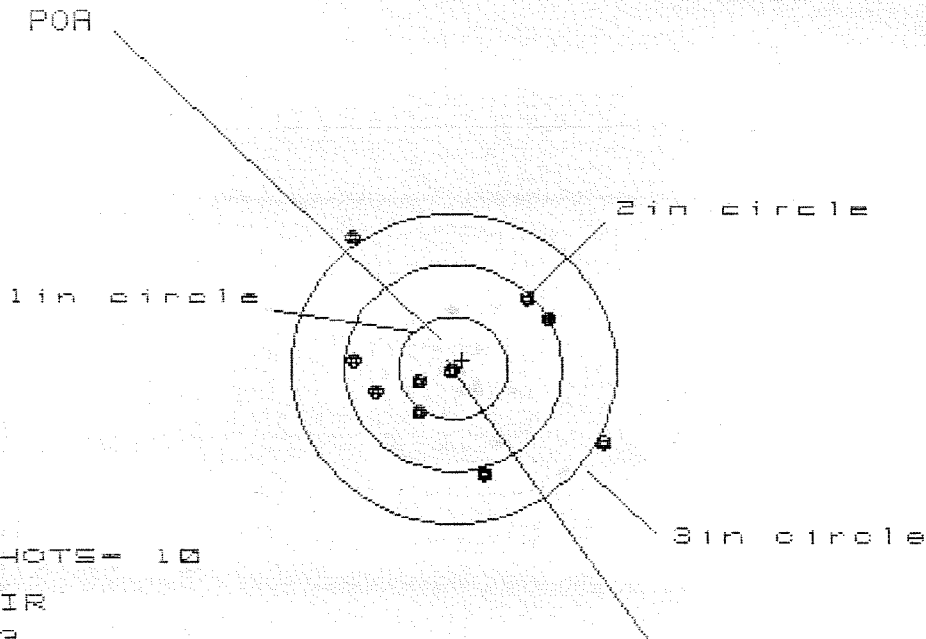
CENTROID *

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.250	1.236	.572
MINIMUM X	-.998	-.859	-.704
MAXIMUM Y	.883	.811	.846
MINIMUM Y	-.649	-.607	-.572
CENTROID X	.290	.151	-.004
CENTROID Y	-.141	-.069	-.104
POA TO CENTROID in.	.322	.166	.104
MIN RADIUS	.238	.382	.414
MEAN RADIUS	.794	.726	.648
MAX RADIUS	1.409	1.268	.854
HORIZONTAL SPREAD	2.248	2.095	1.276
VERTICAL SPREAD	1.532	1.418	1.418
EXTREME SPREAD	2.397	2.102	1.445
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523480

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS = 2.259

VS = 2.318

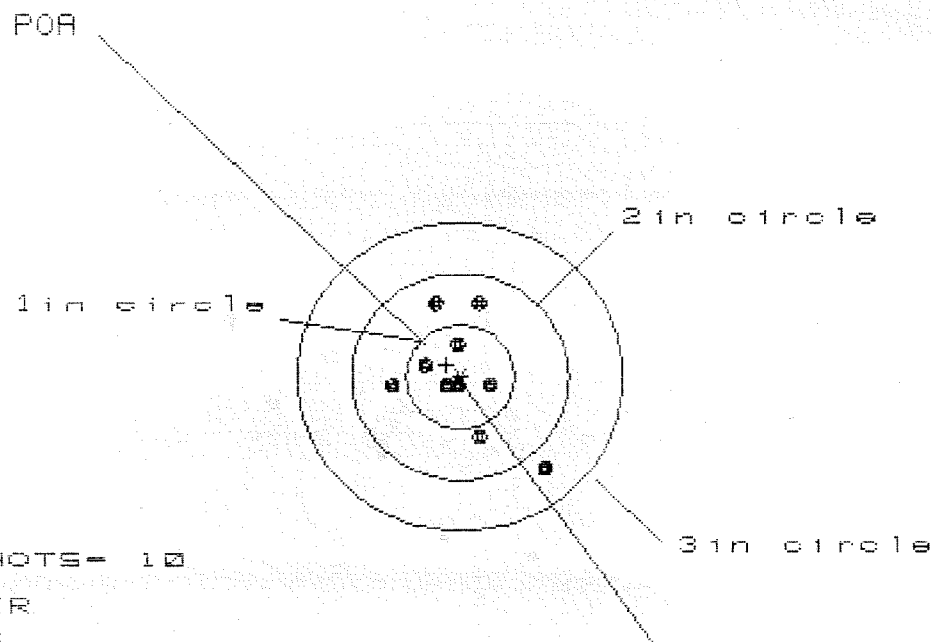
GS = 3.010

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.342	1.240	.947
MINIMUM X	-.917	-1.011	-.856
MAXIMUM Y	1.258	.779	.705
MINIMUM Y	-1.060	-.920	-.994
CENTROID X	-.082	.020	-.135
CENTROID Y	-.076	-.216	-.142
POA TO CENTROID in.	.112	.217	.196
MIN RADIUS	.015	.172	.070
MEAN RADIUS	.867	.806	.687
MAX RADIUS	1.557	1.374	1.105
HORIZONTAL SPREAD	2.259	2.251	1.803
VERTICAL SPREAD	2.318	1.699	1.699
EXTREME SPREAD	3.010	2.405	1.844
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523488

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 9

3 in = 10

HS= 1.353

VS= 1.569

GS= 1.817

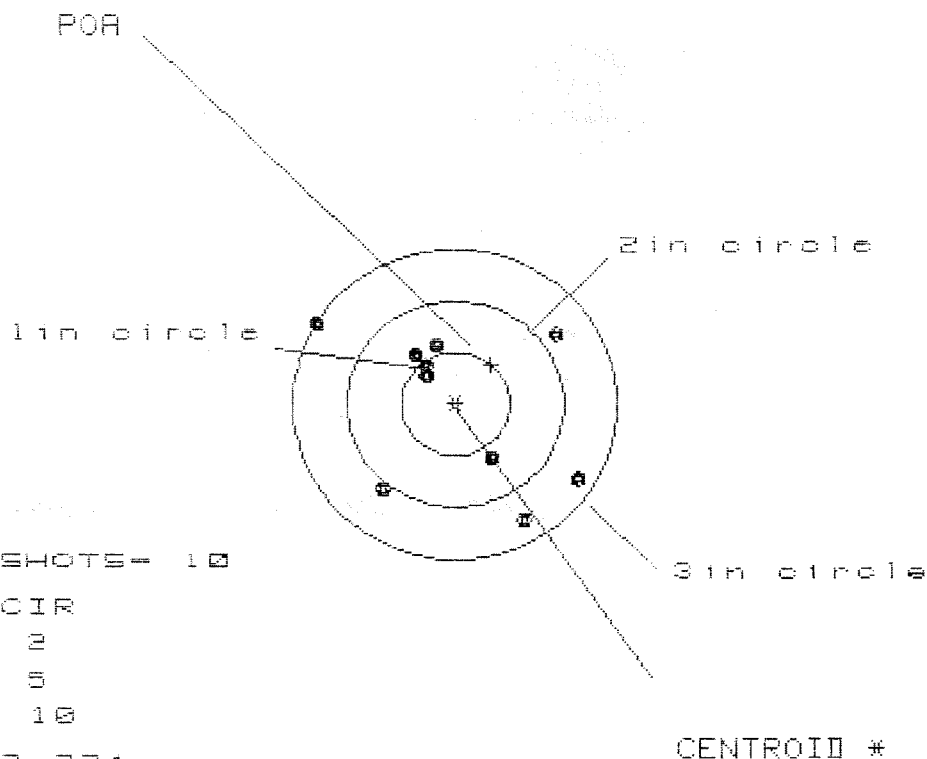
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.758	.321	.354
MINIMUM X	:	-.605	-.521	-.488
MAXIMUM Y	:	.689	.591	.647
MINIMUM Y	:	-.880	-.725	-.651
CENTROID X	:	.126	.042	.009
CENTROID Y	:	-.115	-.017	-.091
POA TO CENTROID in.	:	.171	.045	.092
MIN RADIUS	:	.080	.138	.066
MEAN RADIUS	:	.492	.409	.366
MAX RADIUS	:	1.161	.762	.704
HORIZONTAL SPREAD	:	1.363	.842	.842
VERTICAL SPREAD	:	1.569	1.316	1.298
EXTREME SPREAD	:	1.817	1.342	1.342
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

24 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523400

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.334

VS = 1.891

GS = 2.795

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.101	.964	.938
MINIMUM X	:	-1.233	-.830	-.710
MAXIMUM Y	:	.809	.722	.642
MINIMUM Y	:	-1.082	-.992	-1.072
CENTROID X	:	-.332	-.195	-.315
CENTROID Y	:	-.377	-.467	-.387
POA TO CENTROID in.	:	.502	.506	.499
MIN RADIUS	:	.406	.425	.424
MEAN RADIUS	:	.881	.830	.755
MAX RADIUS	:	1.475	1.156	1.217
HORIZONTAL SPREAD	:	2.334	1.794	1.648
VERTICAL SPREAD	:	1.891	1.714	1.714
EXTREME SPREAD	:	2.795	2.201	2.201
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	