

C6522140

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington



MODEL 700™ H24

SERIAL NO.
C6522140

ORDER NO.
5716

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

01



5716 C6522140

UPC



0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R93-15398

INITIAL CUSTOMER ORDER NO.

ATTN: FRED MARTIN W/TARGET SIGHTS/M-24

FPS

DATE RECEIVED 07/19/93	DATE OPENED 07/19/93	DATE CODE WK 8-90	SERIAL NUMBER C6522140	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS		W/SWIVELS		SCOPE BASE	SOFT CASE	

FROM:

SHIP TO:

HHD 1/20 SFGA
ALABAMA ARMY NATIONAL GUARD
2499 JOHNSON RD. SW
HUNTSVILLE AL 35805

HHD 1/20 SFGA
ALABAMA ARMY NATIONAL GUARD
2499 JOHNSON RD. SW
HUNTSVILLE AL 35805

CUST NO: 081055 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

Barrel Not Free Floating

PARTS

COMMENTS

*Rebed Stock to Free Float
Barrel Action*

Bench test only

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/92

U.S. GPO 1987-192-460

015 #3

100-16

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL	CONTROL NUMBER
For use of this form, see PAM 738-750; the proponent agency is DCSLOG							
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER W.T.P.C.B.		1b. CUSTOMER UNIT NAME DET 1 CO B 420 SFCAD		1c. 2008 No. 350-1230		3a. WORK ORDER NUMBER (WON)	
2a. IF INTRANSIT CUSTOMER, ENTER DATA IN BLOCKS 2b. AND 2c.		2b. SAMS-2 UIC		2c. UTILIZATION CODE		4a. UIC SUPPORT	
						4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE 1A		6. ID 1		7. NSN 1005012402136		15. FAILURE DETECTED DURING (Select one - use $\checkmark$ or X)	
						☐ A Scheduled Maintenance ☐ B Handling ☐ C Test ☐ D Normal Op ☒ E Storage ☐ F Inspection ☐ G Flight ☐ H Other ☐ J Calibration	
8. MODEL M-24		9. NOUN RIFLE 7.62 MM		10a. MILES/KILOMETERS (enter $\checkmark$ or X) MI KM		10b. HOURS 20000	
10a. ORG WON T.P.C.B. 113000194WV		10b. EIC 000102		10c. ROUNDS 00000		16d. LANDINGS	
11. SERIAL NUMBER 66522140		12. QTY 1		13. PD 02		16e. AUTO-ROTATIONS	
14. MALFUNCTION DESCRIPTION (for DSU/GSU use)				17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	
14a. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)				19. IN WARRANTY? (enter Y or N) N		20. LEVEL OF WORK (Select one - use $\checkmark$ or X)	
24a. REMARKS BARREL NOT FREE FLOATING				☐ O Unit Level ☐ F Intermediate ☐ D Depot ☒ H General Spt ☐ I Special Repair Activity		22. REIMBURSABLE CUSTOMER? (if Intransit Customer, enter Y or N)	
				21. BUMPER NO./TAIL NO.		23. PD AUTHENTICATING SIGNATURE (Payroll Signature)	

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

- (1) Block 1a. Enter UIC of submitting organization.
- (2) Block 1b. Enter name of submitting organization.
- (3) Block 1c. Enter number to be called when maintenance is completed.
- (4) Block 2b. Enter UIC of supporting SAMS-2 if work is requested while in-transit and away from your support maintenance unit.
- (5) Block 2c. Enter equipment utilization code under which Materiel Condition Status is reported. See SAMS Codes and Tables.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU.

SECTION III

- (1) Block 5. Enter the Type Maintenance Request Code. See SAMS Codes and Tables.
- (2) Block 6. Enter ID associated with block 7. See SAMS Codes and Tables.
- (3) Block 7. Enter the NSN or stock number of the item being submitted.
- (4) Block 8. Enter model of item being submitted.
- (5) Block 9. Enter noun/nomenclature of item being submitted.
- (6) Block 10a. Enter Work Order Number (WON) assigned when item submitted is reportable for MCSR. Otherwise, leave blank.
- (7) Block 10b. Enter EIC (left justify)
- (8) Block 11. Enter serial number of item being submitted.
- (9) Block 12. Enter the quantity of items being submitted.
- (10) Block 13. Enter the maintenance priority designator determined from SAMS Codes and Tables.

SECTION III (cont'd)

- (11) Block 14. Leave blank.
- (12) Block 15. Select one. Use a / or X to indicate when failure was detected.
- (13) Block 16. Enter the accumulated usage data in block 16a through 16c, when equipment is subject to usage reporting.
- (14) Block 17. Enter the project code if one has been assigned. If not, leave blank.
- (15) Block 18. Leave blank (for DSU/GSU use).
- (16) Block 19. Enter a "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
- (17) Block 20. Select one. Use a / or X to indicate the level of work to be performed on equipment submitted. See SAMS Codes and Tables.
- (18) Block 21. Enter the bumper number or admin number assigned for property control purposes to the equipment being submitted.
- (19) Block 22. Leave blank (for DSU/GSU use).
- (20) Block 23. Enter the payroll signature of the CO or the CO's designated representative when the priority designator is 01 - 10. For priority designators 11 - 15, leave blank.
- (21) Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maintenance.
- (22) Block 24a. Self-explanatory.

Block 34a. Enter signature of submitter.

Block 34b. Enter Ordinal Date submitted (YYDDD).

Block 35a. Enter signature of person accepting the maintenance request

Block 35b. Enter the status.

Block 35c. Enter Ordinal Date accepted (YYDDD).

Block 35d. Enter Military Time.

34a. SUBMITTED BY <i>[Signature]</i>		35a. ACCEPTED BY <i>[Signature]</i>	
34b. ORD DATE 9.3.13.4	35b. STA	35c. ORD DATE	35d. MIL TIME

DA FORM 5504, APR 87

DA FORM 5504 (TEST), DEC 85, MAY BE USED

RECEIPT COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400004392

100-16

[illegible]

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

Final Inspection

in:	DATE REC'D: 7/19/93	DATE RET'D: 7/26/93
EDITOR: RW	C6522140	

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☐ Scope
- ☐ Scope Rings
- ☐ Mounting Screws
- ☐ Mounting Base
- ☐ Screws
- ☐ Finish
- ☐ Looseness
- ☐ Clarity

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ Stock
- ☒ Sling Swivel Studs
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ IRON SIGHTS
- ☐ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

CAD 700

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522140

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/22/90	KCD
	Magnaflux Bolt		8/22/90	KCD
615	Rollmark Caliber		8/22/90	GS
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		8-20-90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/31/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/31/90	RW
	C) Inspect Ejector Hole for Chamfer		8/31/90	RW
	D) Oil Firing Pin Ass'y		8/31/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/5/90	W.B.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4			9/5/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			9/5/90	WB
	H) Trigger Pull Test & Retainability						9/5/90	WB
	I) Firing Pin Indent	.0225	.0225	.0225			9/5/90	WB
	J) Assemble Stock						9/8/90	RW
	K) Assemble Swivel Studs						9/15/90	228
	L) Attach Front and Rear Sight Assemblies						9/8/90	RW
	M) Iron Sight Alignment						9/8/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/8/90	RW
	O) Attach Scope to Rifle						9/8/90	RW
	P) Detach & Attach Scope 20 Times						9/8/90	RW
640	Gallery Target & Test						9/10/90	AF
	A) Time						9/10/90	AF
	B) Malfunctions						9/10/90	AF
	C) Pierced Primers						9/10/90	AF
	D) Optical Clarity of Scope						9/10/90	AF
645	Inspect for Live Ammo						9/10/90	AF
655	Final Inspection						9/15/90	928
	A) Headspace							
	B) Trigger Pull	2.23	2.24	2.21	2.20	2.19	9-14-90	921
	C) Function						9/15/90	928
660	Pack						9/19/90	AF

MOD. 700SW3 GA. CAL. 308 GUN # C6522140

#	TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
		1st		
		<u>4/10</u>	<u>Straighten Scope</u>	<u>RW</u>
		2nd		
			<u>Repaired</u>	<u>1-5 9/10/90</u>
		3rd		
		4th		

FUNCTION RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

SWS TRIGGER PULL TEST

C6527140

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. ~~C6349008~~

DATE

9-5-90

TESTER

W/B

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.47	2.55	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.46	2.58	2.24	
PULL #3	2.43	2.34	2.60	2.21	
PULL #4	2.38	2.42	2.56	2.20	
PULL #5	2.34	2.23	2.55	2.19	
TOTAL	11.96	11.92	12.84	11.12	
AVG.	2.49	2.48	2.57	2.224	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.20		
PULL #2	3.20	3.24		
PULL #3	3.20	3.24		
PULL #4	3.18	3.35		
PULL #5	3.26	3.31		
TOTAL	15.99	16.34		
AVG.	3.20	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.23		4.13
PULL #2	4.24	4.21		4.17
PULL #3	4.10	4.17		4.20
PULL #4	4.18	4.19		4.27
PULL #5	4.21	4.20		4.32
TOTAL	20.87	21.00		21.09
AVG.	4.17	4.20		4.22

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522140
11 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.105546
1 TO	2	.118207
1 TO	3	.037855
1 TO	4	.197497
1 TO	5	.156426

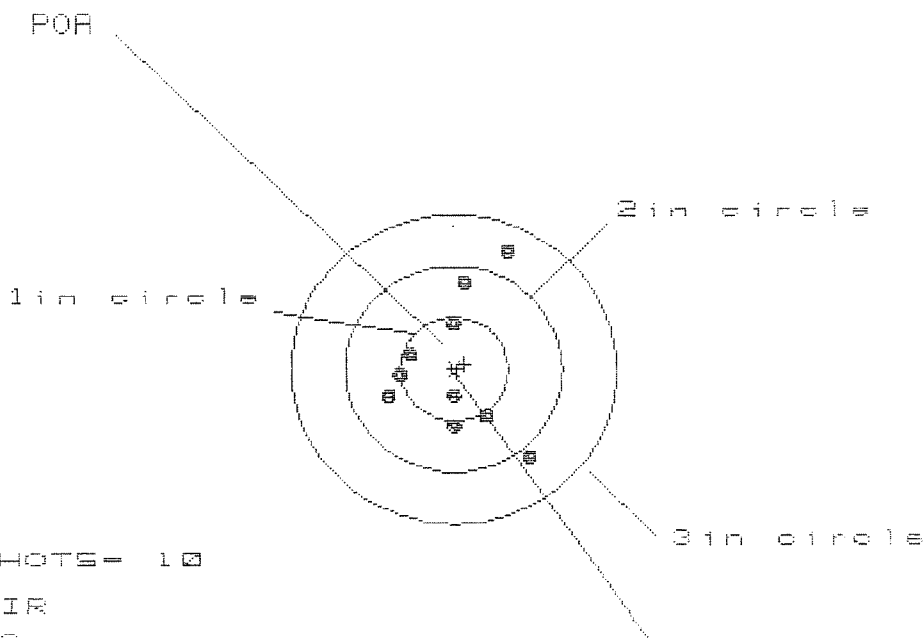
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0248
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0536
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0590593
THE AMR FOR THIS RIFLE IS: .778

13 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522140

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.302

VS= 1.994

GS= 2.001

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.672	.729	.459
MINIMUM X	-.630	-.573	-.482
MAXIMUM Y	1.101	.992	.896
MINIMUM Y	-.893	-.771	-.493
CENTROID X	-.094	-.151	-.242
CENTROID Y	-.048	-.170	-.074
POR TO CENTROID in.	.105	.227	.253
MIN RADIUS	.280	.177	.288
MEAN RADIUS	.661	.574	.505
MAX RADIUS	1.212	1.061	.923
HORIZONTAL SPREAD	1.302	1.302	.941
VERTICAL SPREAD	1.994	1.763	1.389
EXTREME SPREAD	2.001	1.862	1.394
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

18 Sep 1998

FILE: \PATTERNING\CENTERFIRE_PATT\08522140

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS = 1.858

VS = 1.527

GS = 1.968

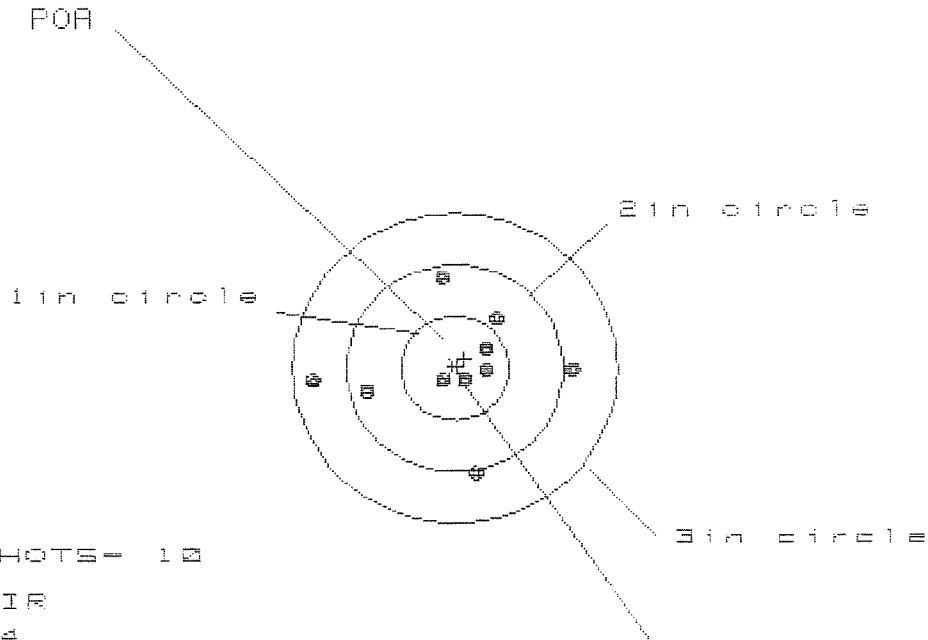
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.943	.844	.717
MINIMUM X	:	-.915	-1.014	-.564
MAXIMUM Y	:	.799	.875	.842
MINIMUM Y	:	-.728	-.652	-.685
CENTROID X	:	.024	.123	.250
CENTROID Y	:	-.055	-.131	-.098
POA TO CENTROID in.	:	.060	.180	.268
MIN RADIUS	:	.348	.345	.216
MEAN RADIUS	:	.703	.646	.581
MAX RADIUS	:	1.125	1.049	.878
HORIZONTAL SPREAD	:	1.858	1.858	1.281
VERTICAL SPREAD	:	1.527	1.527	1.527
EXTREME SPREAD	:	1.968	1.885	1.536
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522140

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 2.336

VS= 1.871

GS= 2.338

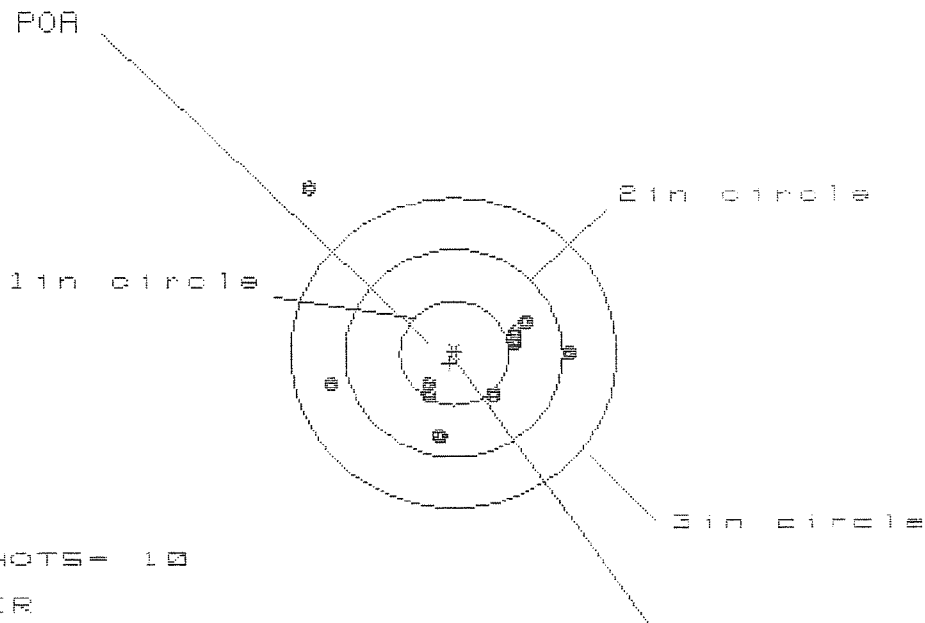
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.068	.927	.397
MINIMUM X	-1.268	-.911	-.795
MAXIMUM Y	.893	.885	.887
MINIMUM Y	-.978	-.986	-.984
CENTROID X	-.086	.055	-.061
CENTROID Y	-.085	-.077	-.079
POA TO CENTROID in.	.121	.095	.100
MIN RADIUS	.148	.117	.136
MEAN RADIUS	.660	.567	.528
MAX RADIUS	1.270	.986	.991
HORIZONTAL SPREAD	2.336	1.838	1.192
VERTICAL SPREAD	1.871	1.871	1.871
EXTREME SPREAD	2.338	1.893	1.893
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

18 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522140

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.411

VS= 2.409

GS= 2.877

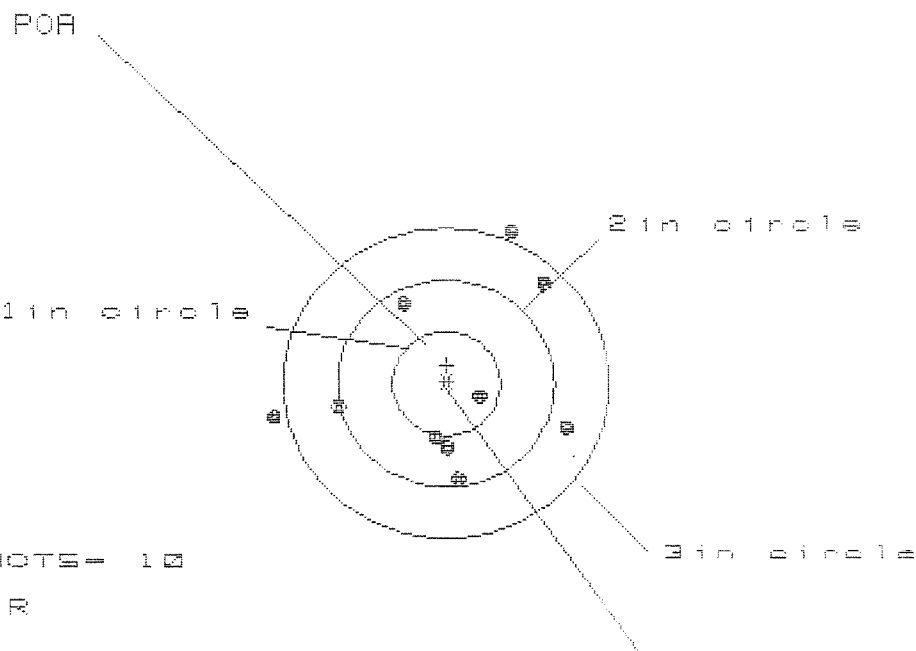
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.052	.901	.736
MINIMUM X	:	-1.359	-1.317	-.592
MAXIMUM Y	:	1.599	.462	.447
MINIMUM Y	:	-.818	-.633	-.648
CENTROID X	:	.039	.190	.355
CENTROID Y	:	.098	-.079	-.064
POA TO CENTROID in.	:	.106	.206	.361
MIN RADIUS	:	.384	.345	.283
MEAN RADIUS	:	.857	.667	.562
MAX RADIUS	:	2.098	1.323	.816
HORIZONTAL SPREAD	:	2.411	2.218	1.328
VERTICAL SPREAD	:	2.409	1.095	1.095
EXTREME SPREAD	:	2.877	2.242	1.491
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522140

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.690

VS= 2.431

GS= 2.844

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.145	1.211	1.026
MINIMUM X	:	-1.545	-1.479	-1.144
MAXIMUM Y	:	1.514	1.157	1.133
MINIMUM Y	:	-.917	-.749	-.772
CENTROID X	:	-.007	-.073	.112
CENTROID Y	:	-.178	-.346	-.322
POA TO CENTROID in.	:	.178	.354	.341
MIN RADIUS	:	.313	.349	.163
MEAN RADIUS	:	1.009	.903	.812
MAX RADIUS	:	1.628	1.532	1.399
HORIZONTAL SPREAD	:	2.690	2.690	2.170
VERTICAL SPREAD	:	2.431	1.906	1.906
EXTREME SPREAD	:	2.844	2.824	2.310
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	