

C6348729

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00131862

Serial: C6348729 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Status: Closed 7/30/2007 9:47:16 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: 0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

Address 1: ROSE BARRACKS

ROSE BARRACKS

Address 2: SOUTH CAMP BLDG 728

PO Box:

SOUTH CAMP BLDG 728

PO Box:

City: MILSECK

MILSECK

State: DE

Zip Code: 192249

Country: US

State: DE

Zip Code: 192249

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/31/2007

9:05 AM

CAPS

NUM

INS

SCRL

start

2 M.

6 L.

3 M.

Par...

SA...

Ar...

Re...

9:05 AM

Serial
Number:

C6348729

Model: M24 SWS



RE00131862

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348729.__0
FILE DATE AND TIME: 08/22/2007 14:44

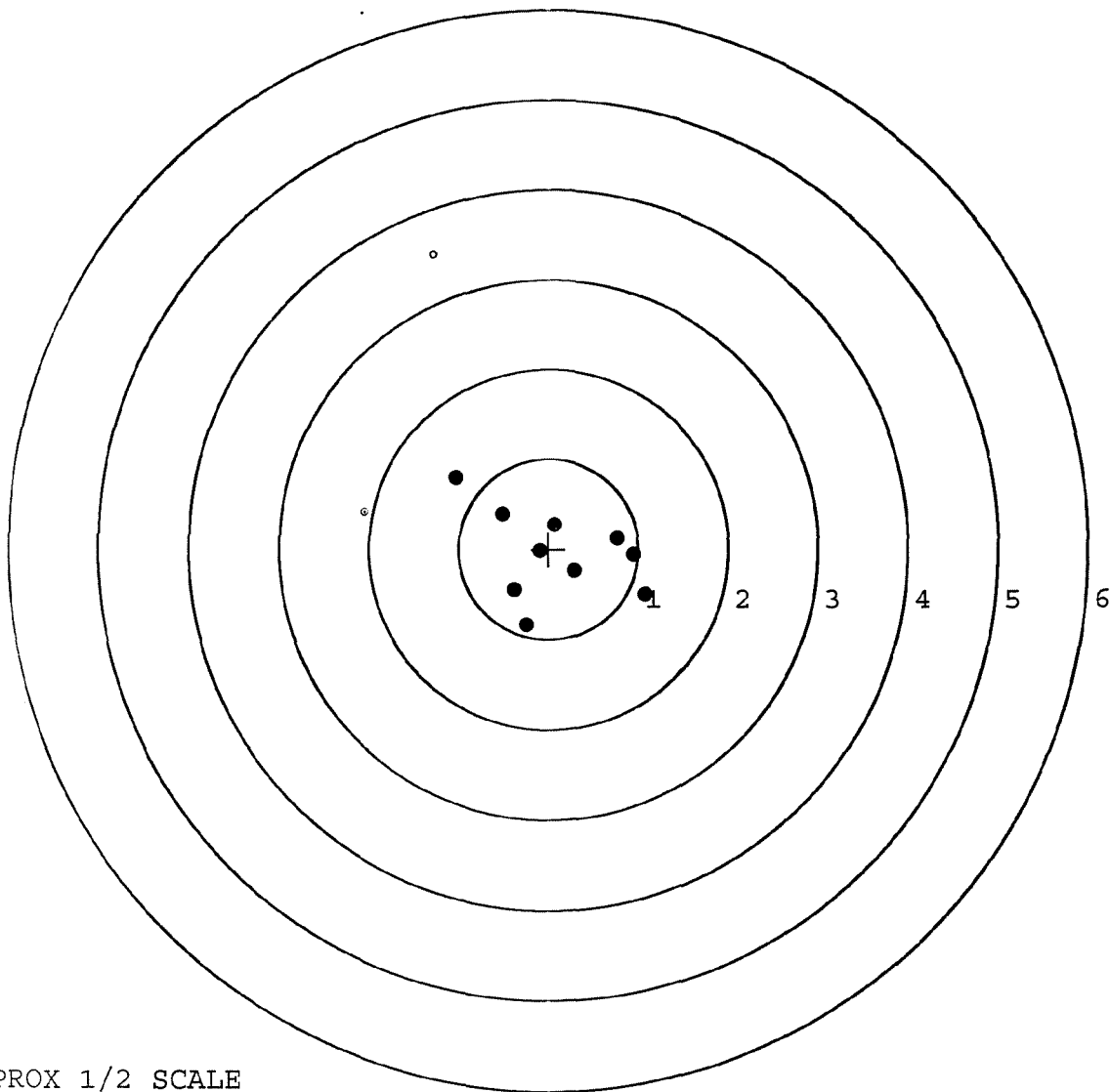
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.119
The Average Y Centroid of the Five Target Set:	0.048
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.684
The Distance from POA to Centroid Target #1:	0.102
The Distance from Centroid Target #2 to Centroid Target #1:	0.150
The Distance from Centroid Target #3 to Centroid Target #1:	0.164
The Distance from Centroid Target #4 to Centroid Target #1:	0.211
The Distance from Centroid Target #5 to Centroid Target #1:	0.237

SERIAL NUMBER: C6348729. __0
 TARGET NUMBER: 1
 FILE DATE: 08/22/2007
 FILE TIME: 14:44

POINT#	X	Y
1:	1.078	-0.500
2:	0.949	-0.060
3:	0.770	0.121
4:	0.287	-0.239
5:	-0.252	-0.843
6:	-0.382	-0.447
7:	-0.100	-0.023
8:	0.064	0.271
9:	-0.517	0.387
10:	-1.032	0.789

X CENTROID: 0.087
 Y CENTROID: -0.054
 POA TO CENTROID: 0.102
 HORZ SPREAD: 2.110
 VERT SPREAD: 1.632
 GROUP SPREAD: 2.473
 MIN RADIUS: 0.189
 MAX RADIUS: 1.401
 MEAN RADIUS: 0.706
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

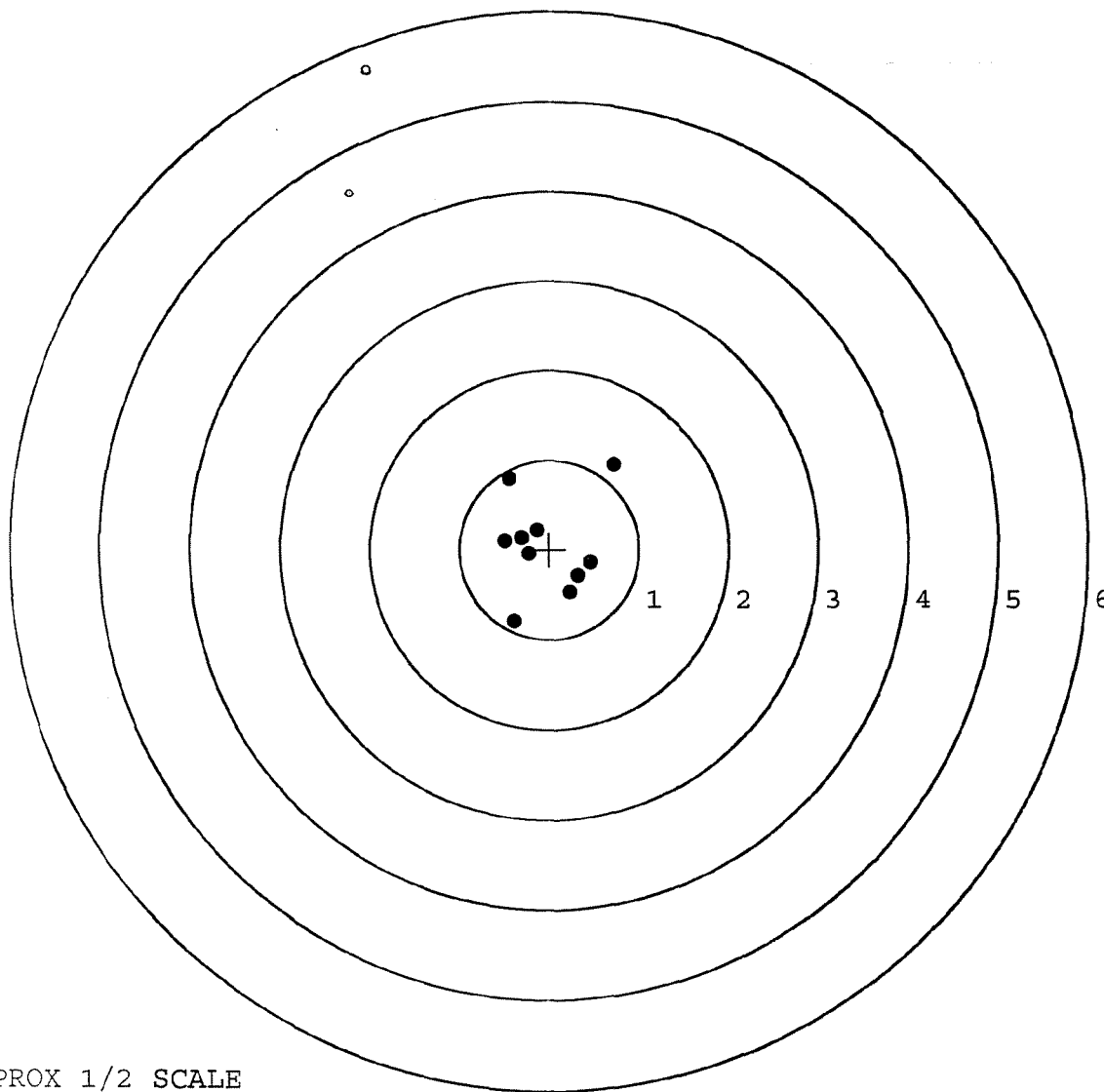


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348729. __0
 TARGET NUMBER: 2
 FILE DATE: 08/22/2007
 FILE TIME: 14:44

POINT#	X	Y
1:	0.719	0.947
2:	-0.447	0.797
3:	-0.141	0.217
4:	-0.313	0.127
5:	-0.499	0.099
6:	0.464	-0.141
7:	0.326	-0.288
8:	0.231	-0.479
9:	-0.392	-0.803
10:	-0.231	-0.047

X CENTROID: -0.028
 Y CENTROID: 0.043
 POA TO CENTROID: 0.051
 HORZ SPREAD: 1.218
 VERT SPREAD: 1.750
 GROUP SPREAD: 2.073
 MIN RADIUS: 0.207
 MAX RADIUS: 1.173
 MEAN RADIUS: 0.575
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



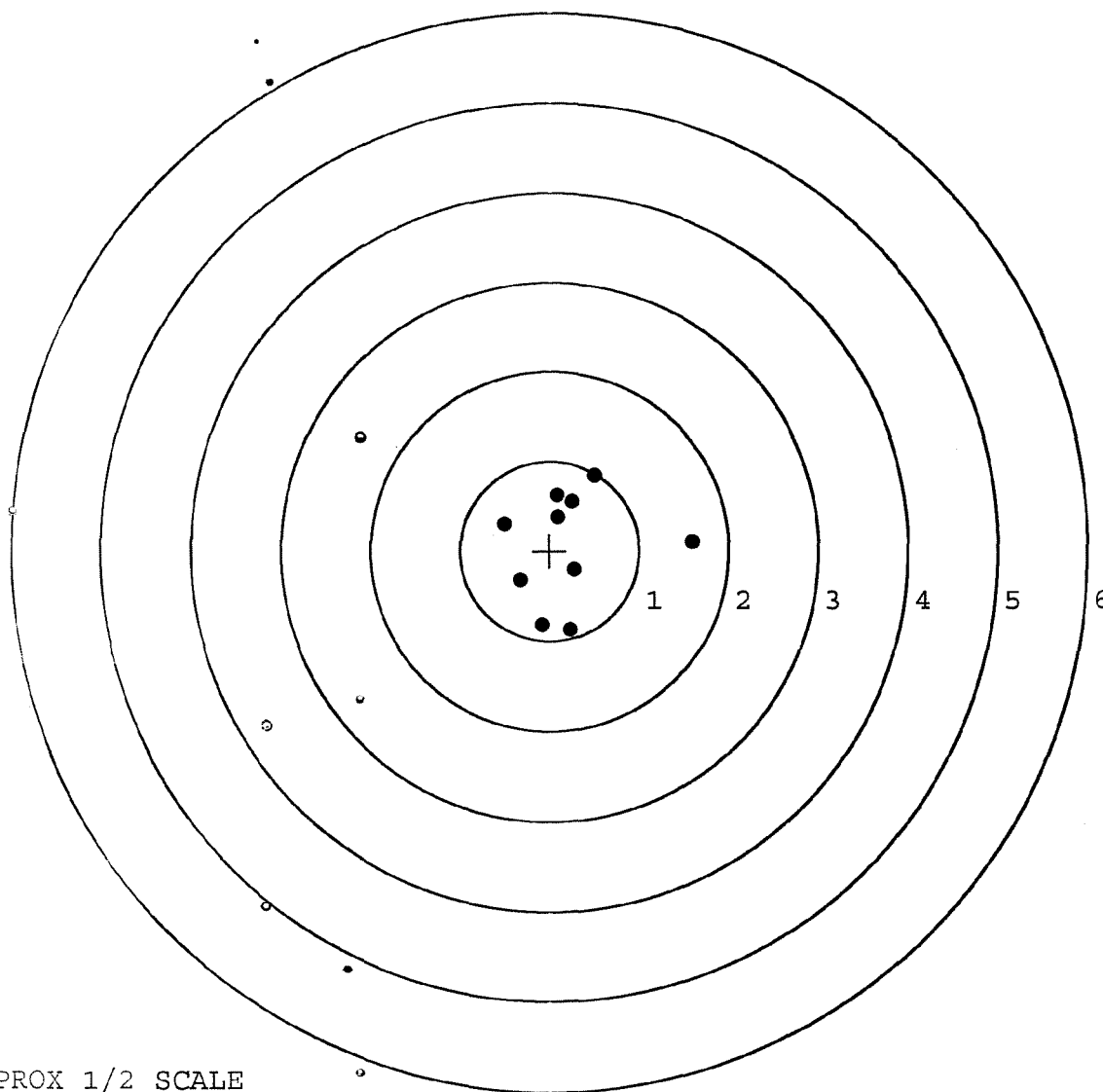
TARGET APPROX 1/2 SCALE

BARBER - M24 0062500

SERIAL NUMBER: C6348729. __0
 TARGET NUMBER: 3
 FILE DATE: 08/22/2007
 FILE TIME: 14:44

POINT#	X	Y
1:	1.587	0.106
2:	0.506	0.844
3:	0.086	0.624
4:	0.251	0.547
5:	0.087	0.376
6:	0.279	-0.214
7:	-0.512	0.303
8:	-0.329	-0.330
9:	-0.090	-0.832
10:	0.231	-0.885

X CENTROID: 0.210
 Y CENTROID: 0.054
 POA TO CENTROID: 0.216
 HORZ SPREAD: 2.099
 VERT SPREAD: 1.729
 GROUP SPREAD: 2.108
 MIN RADIUS: 0.277
 MAX RADIUS: 1.378
 MEAN RADIUS: 0.722
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062501

SERIAL NUMBER: C6348729. __0

TARGET NUMBER: 4

FILE DATE: 08/22/2007

FILE TIME: 14:44

POINT#	X	Y
1:	0.373	-0.697
2:	0.238	-0.456
3:	-0.242	-0.844
4:	0.807	0.741
5:	0.526	1.258
6:	0.195	0.568
7:	-0.254	0.436
8:	-0.099	0.013
9:	-0.319	0.053
10:	-0.959	0.404

X CENTROID: 0.027

Y CENTROID: 0.148

POA TO CENTROID: 0.150

HORZ SPREAD: 1.766

VERT SPREAD: 2.102

GROUP SPREAD: 2.238

MIN RADIUS: 0.184

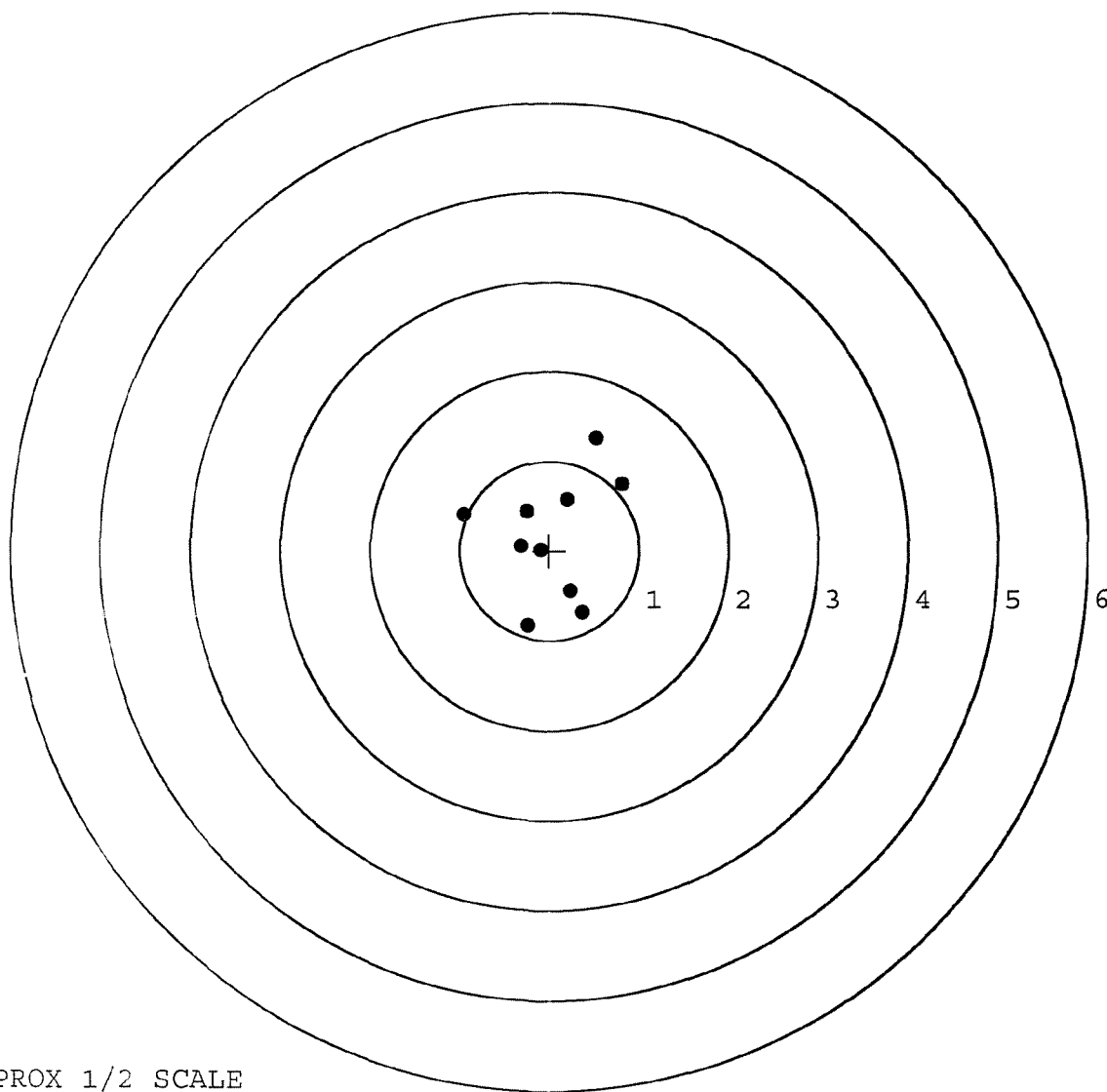
MAX RADIUS: 1.218

MEAN RADIUS: 0.719

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



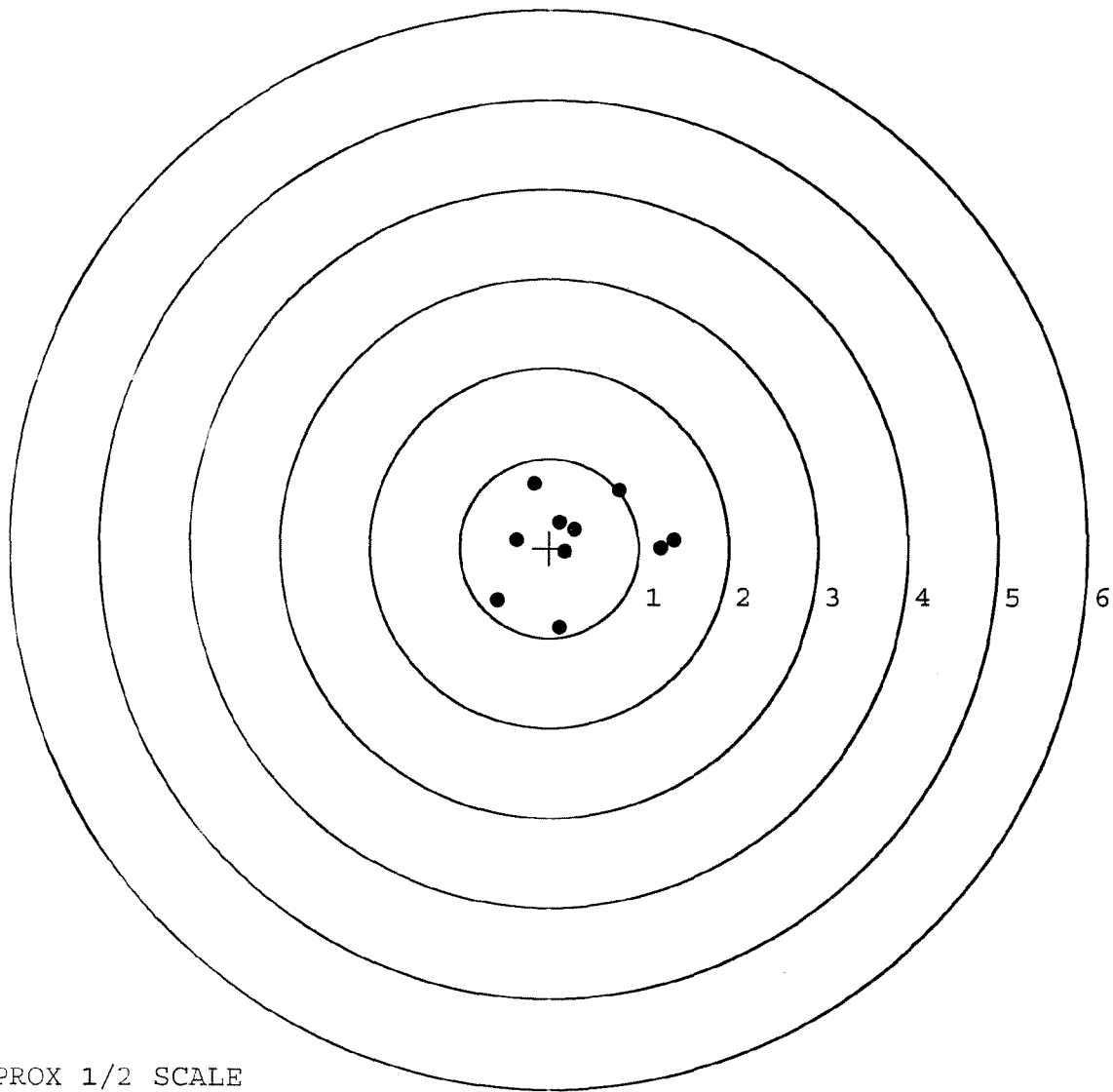
TARGET APPROX 1/2 SCALE

BARBER - M24 0062502

SERIAL NUMBER: C6348729. 0
 TARGET NUMBER: 5
 FILE DATE: 08/22/2007
 FILE TIME: 14:44

POINT#	X	Y
1:	1.391	0.090
2:	0.785	0.645
3:	-0.167	0.715
4:	1.243	-0.003
5:	0.116	0.288
6:	0.280	0.212
7:	0.173	-0.046
8:	-0.367	0.091
9:	-0.577	-0.593
10:	0.116	-0.892

X CENTROID: 0.299
 Y CENTROID: 0.051
 POA TO CENTROID: 0.304
 HORZ SPREAD: 1.968
 VERT SPREAD: 1.607
 GROUP SPREAD: 2.083
 MIN RADIUS: 0.159
 MAX RADIUS: 1.092
 MEAN RADIUS: 0.695
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER 131862SERIAL NUMBER C6348729LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-7-07	RTZ
505	RE-BARREL	8-9-07	RTZ
560	ASSEMBLE	8-9-07	RTZ
600	PROOF	8-9-07	mm
605	CHECK HEADSPACE	8-9-07	mm
610	DIS-ASSEMBLE GUN	8-9-07	SD
612	MAGNAFLUX	8-14-07	DRB
510	DRILL AND TAP	8-10-07	TRW
615	ROLLMARK CALIBER	8-10-07	CW
618	ROTO-BLAST	8-14-07	W
620	APPLY COATINGS	8-18-07	RS
625	FINAL ASSEMBLY	8-22-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	8-22-07 TRW
650	TARGET	(PASS) FAIL	8-22-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-22-07	Fm
	A) HEADSPACE	PASS FAIL	8-23-07 DA
	B) TRIGGER PULL	294 294 294 287 294	8-22-07 DA
680	F) SAFETY ON FORCE	30 45 50	8-22-07 DA
	G) SAFETY OFF FORCE	30 30 30	8-22-07 DA
	I) FIRING PIN INDENT	.021 .021 .021	8-22-07 DA
690	PACK		8-23-07 DA

Arms Services Repair & Estimate System
BARBER - M24 0062504
 File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00081141** Serial: C6348729 Model: M24 SWS Center Fire
 Caliber: 7.62 NATO Produced: 12/13/1999 Repairman: Status: Closed 5/20/2004 9:45:10 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 1/24 INF** **HHC 1/24 INF**

Address 1: **SSG MC DANIEL DAVID** **SSG MC DANIEL DAVID**

Address 2: **PO Box** **PO Box**

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A042	Adjustable Butt Pad	1
C000	Fit and Rear Sgt Base	1

Repair Search Refresh Close

maglet 5/24/2004 8:26 AM CAPS NUM INS SCPL

start 2 Arms Services Inc 2 4

Serial Number: **C6348729**
 Model: **M24 SWS**

RE00081141

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348729.___0
FILE DATE AND TIME: 08/23/2002 13:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

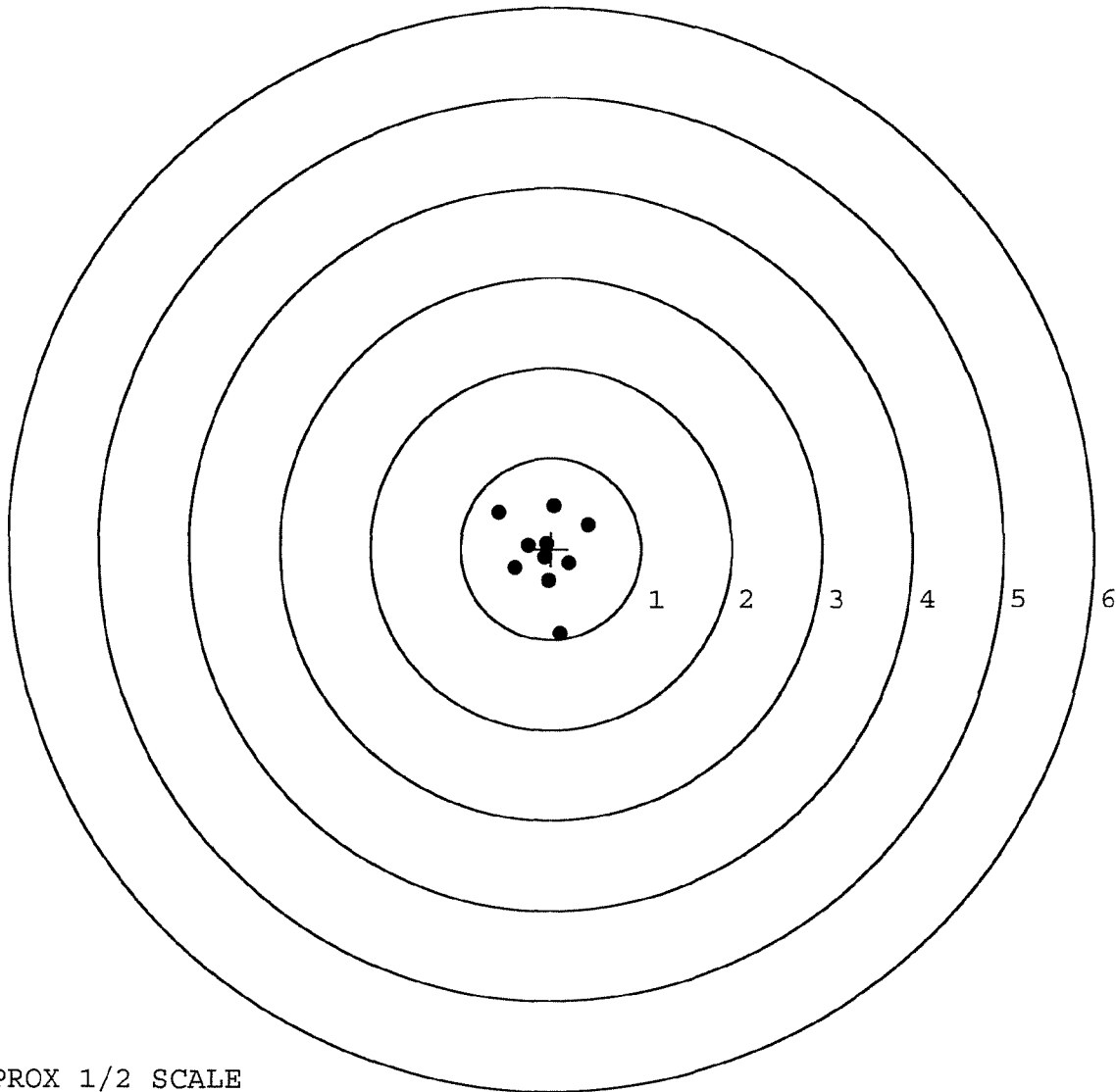
The Average X Centroid of the Five Target Set:	-0.089
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.097
The Average Mean Radius of the Five Target Set:	0.630
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.251
The Distance from Centroid Target #3 to Centroid Target #1:	0.208
The Distance from Centroid Target #4 to Centroid Target #1:	0.170
The Distance from Centroid Target #5 to Centroid Target #1:	0.119

BARBER - M24 0062506

SERIAL NUMBER: C6348729. __0
TARGET NUMBER: 1
FILE DATE: 08/23/2002
FILE TIME: 13:55

POINT#	X	Y
1:	0.106	-0.943
2:	0.415	0.261
3:	0.037	0.467
4:	-0.575	0.400
5:	-0.054	0.055
6:	-0.254	0.039
7:	-0.404	-0.213
8:	-0.027	-0.355
9:	-0.080	-0.100
10:	0.194	-0.164

X CENTROID: -0.064
Y CENTROID: -0.055
POA TO CENTROID: 0.085
HORZ SPREAD: 0.990
VERT SPREAD: 1.410
GROUP SPREAD: 1.506
MIN RADIUS: 0.047
MAX RADIUS: 0.904
MEAN RADIUS: 0.402
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



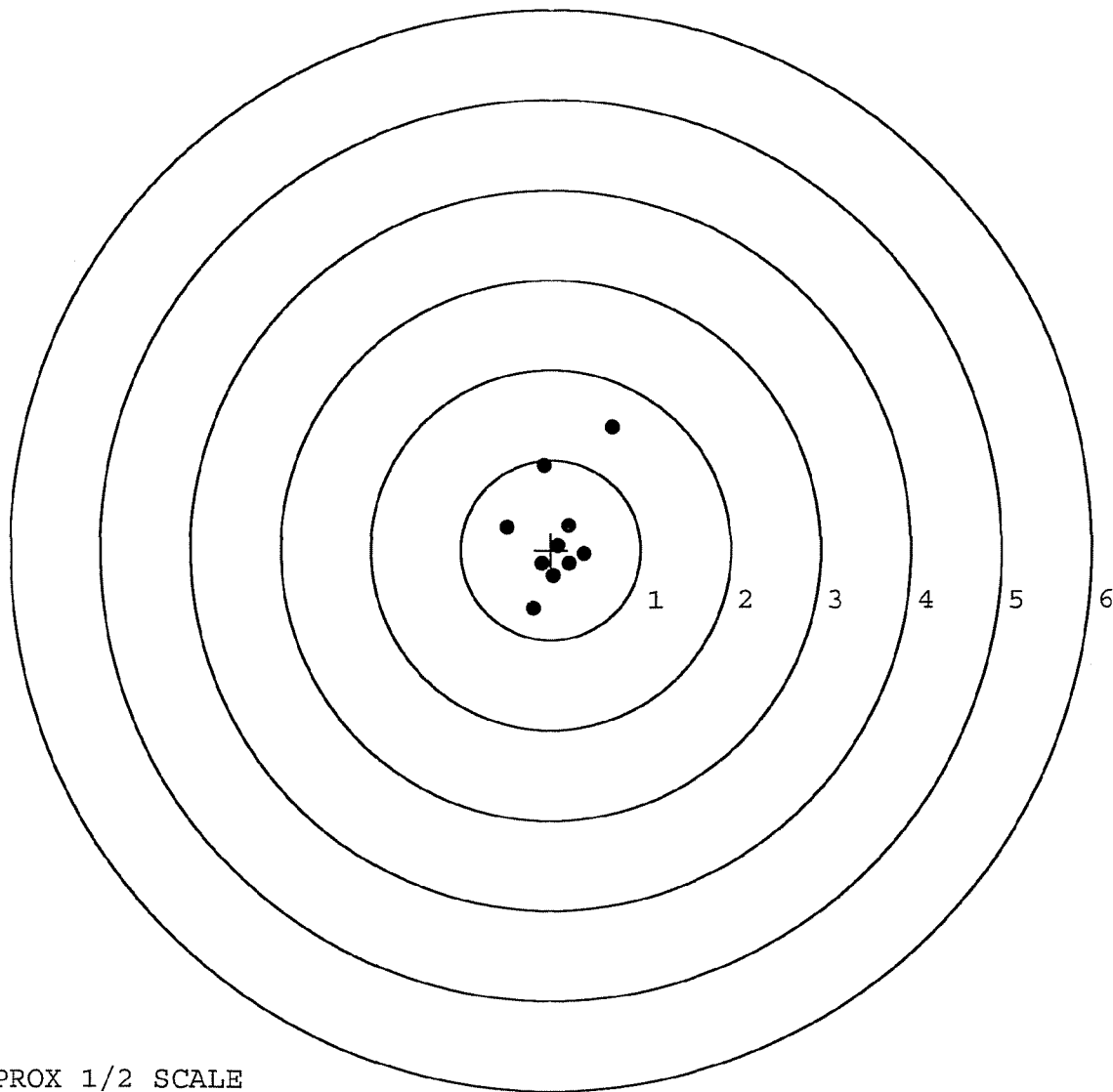
TARGET APPROX 1/2 SCALE

BARBER - M24 0062507

SERIAL NUMBER: C6348729. __0
 TARGET NUMBER: 2
 FILE DATE: 08/23/2002
 FILE TIME: 13:55

POINT#	X	Y
1:	0.682	1.366
2:	-0.085	0.943
3:	-0.481	0.250
4:	0.202	0.271
5:	0.370	-0.048
6:	-0.198	-0.660
7:	0.202	-0.158
8:	0.032	-0.291
9:	-0.105	-0.156
10:	0.076	0.051

X CENTROID: 0.070
 Y CENTROID: 0.157
 POA TO CENTROID: 0.172
 HORZ SPREAD: 1.163
 VERT SPREAD: 2.026
 GROUP SPREAD: 2.209
 MIN RADIUS: 0.106
 MAX RADIUS: 1.355
 MEAN RADIUS: 0.537
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062508

SERIAL NUMBER: C6348729. __0

TARGET NUMBER: 3

FILE DATE: 08/23/2002

FILE TIME: 13:55

POINT#	X	Y
1:	0.262	-0.453
2:	-1.064	-0.603
3:	-0.553	-0.631
4:	-0.287	-0.646
5:	-0.470	-0.821
6:	0.111	0.509
7:	-0.017	0.418
8:	0.168	0.165
9:	0.029	0.086
10:	-0.259	-0.075

X CENTROID: -0.208

Y CENTROID: -0.205

POA TO CENTROID: 0.292

HORZ SPREAD: 1.326

VERT SPREAD: 1.330

GROUP SPREAD: 1.618

MIN RADIUS: 0.140

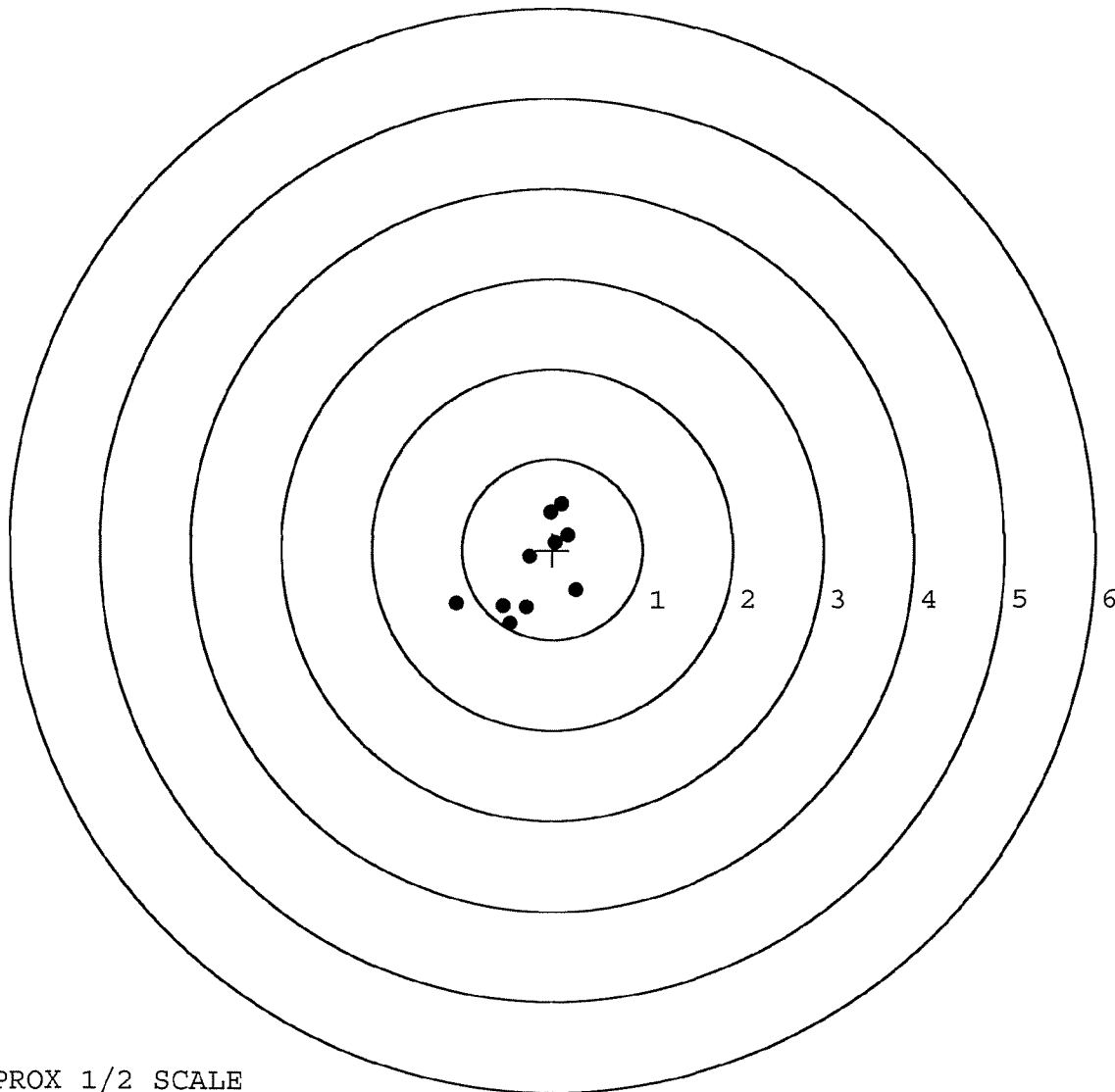
MAX RADIUS: 0.944

MEAN RADIUS: 0.562

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

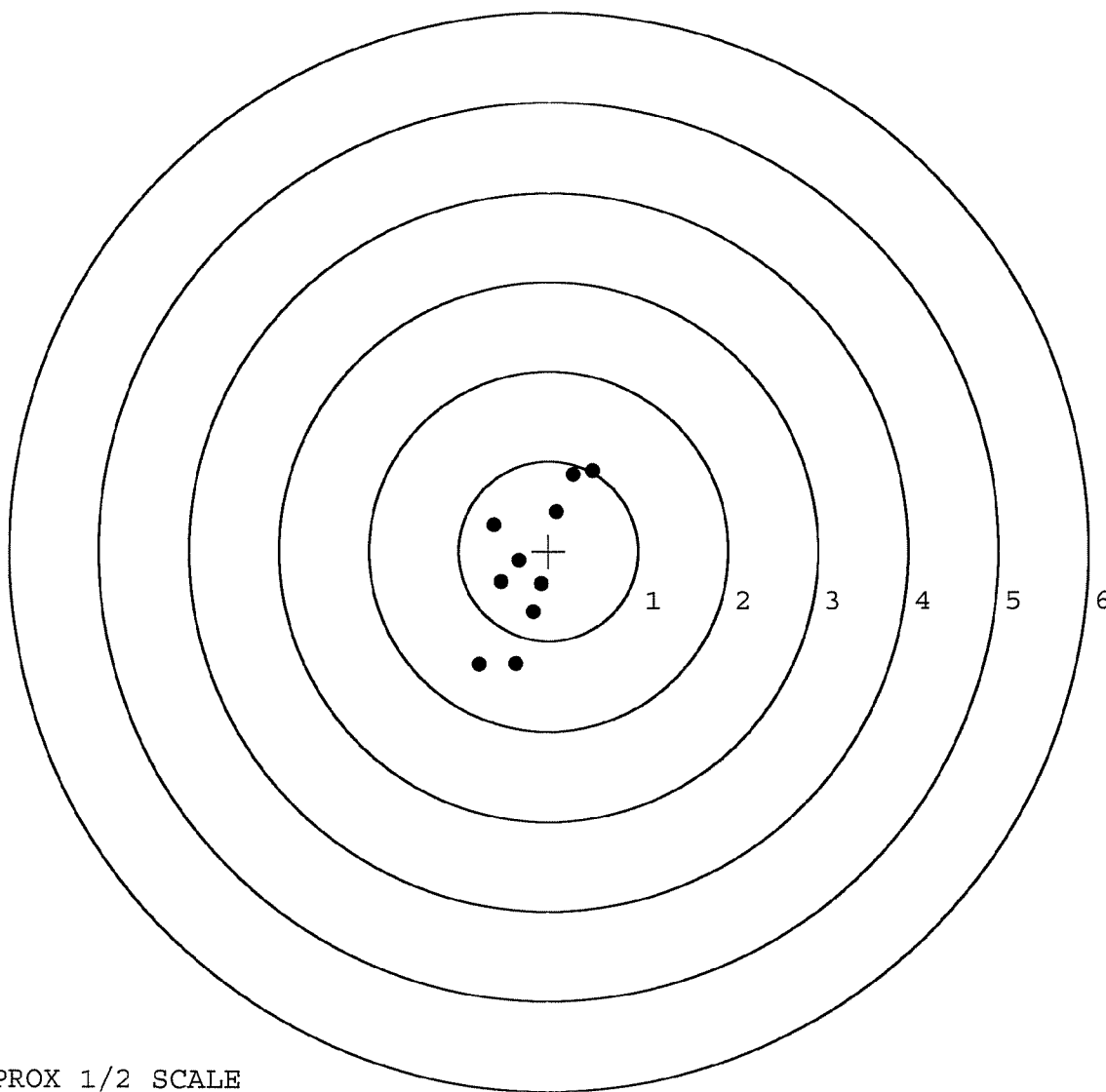
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062509

SERIAL NUMBER: C6348729. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.364	-1.261
FILE DATE: 08/23/2002	2:	-0.771	-1.273
FILE TIME: 13:55	3:	-0.167	-0.683
	4:	-0.081	-0.369
X CENTROID: -0.200	5:	-0.533	-0.347
Y CENTROID: -0.158	6:	-0.331	-0.113
POA TO CENTROID: 0.254	7:	-0.608	0.291
HORZ SPREAD: 1.263	8:	0.091	0.439
VERT SPREAD: 2.162	9:	0.492	0.889
GROUP SPREAD: 2.504	10:	0.275	0.851
MIN RADIUS: 0.139			
MAX RADIUS: 1.255			
MEAN RADIUS: 0.730			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 10			



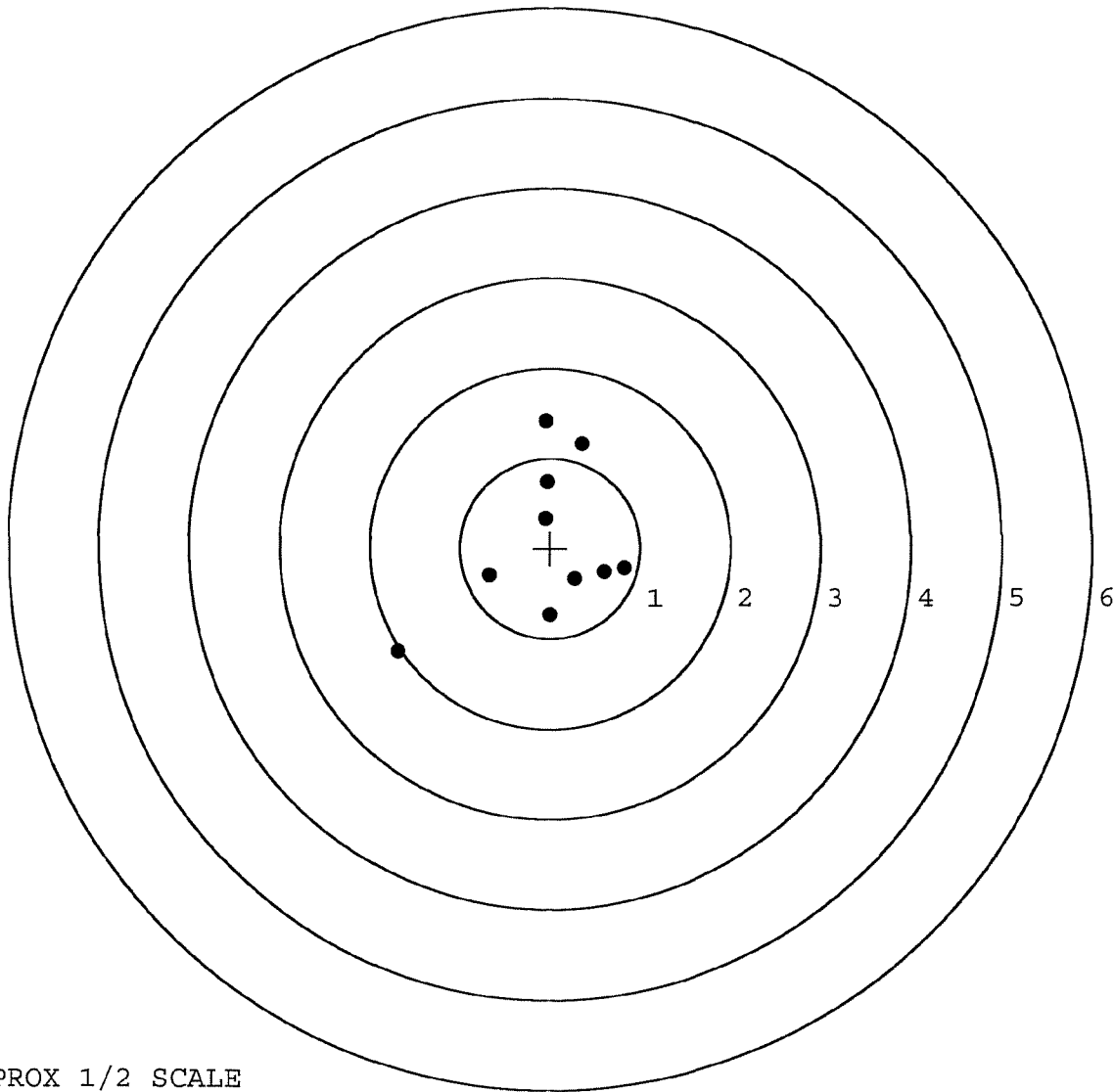
TARGET APPROX 1/2 SCALE

BARBER - M24 0062510

SERIAL NUMBER: C6348729. __0
 TARGET NUMBER: 5
 FILE DATE: 08/23/2002
 FILE TIME: 13:55

POINT#	X	Y
1:	0.004	-0.744
2:	0.279	-0.344
3:	0.606	-0.265
4:	0.824	-0.222
5:	-0.676	-0.300
6:	-1.683	-1.150
7:	-0.049	0.328
8:	-0.031	0.735
9:	0.360	1.165
10:	-0.052	1.417

X CENTROID: -0.042
 Y CENTROID: 0.062
 POA TO CENTROID: 0.075
 HORZ SPREAD: 2.507
 VERT SPREAD: 2.567
 GROUP SPREAD: 3.088
 MIN RADIUS: 0.266
 MAX RADIUS: 2.040
 MEAN RADIUS: 0.920
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

DA FORM 2765-1, APR 76

USAPA V1.00

PREVIOUS EDITION WILL BE

DOC IDENT	ROUT IDENT	FSC	FIN	ADD	UNIT OF ISSUE	QUANTITY	REQUISITIONER	DATE	SERIAL	SUPPLEMENTARY ADDRESS	FUND	DISTRIBUTION	PROJECT	PR. ORTY	REQ DEL DATE	ADV STAT
SEND TO: REMINGTON, ARMS CO, INC ATTN: SERVICE W31G1Y																
REQUEST IS FROM: COMMANDER A CO, 1/24 IN WDA6A0																
EDITING DATA DOC IDENT: D 6 Z ROUTING IDENTIFIER: 2 STOCK NUMBER: 1 0 0 5 0 1 2 4 0 2 1 3 6 UNIT OF ISSUE: E A QUANTITY: 0 0 1																
DOCUMENT NUMBER: W 8 0 5 G C 4 1 2 6 7 1 0 1 SVC: N REQ AND: W SUPPLEMENTARY ADDRESS: 81WTH																
COST DETAIL ACCOUNT NUMBER: L UNIT PRICE: M TOTAL PRICE: N																
ITEM DESCRIPTION: RIFLE SNIPER M24, SERIAL# C6348729 PUBLICATION DATA: TURN-IN: TRANSFER ACCOUNTABILITY TO ROCK ISLAND																
FUND: 37 DISTRIBUTION: 48 PROJECT: 19 PRIORITY: 20 REQ DEL DATE: 21 FUNDED: G NON-FUNDED: I EXP: H NON-EXP: J																
ADVISE: 23 MCS CODE: K ISSUED: Q DATE POSTED: T INIT:																
DUE OUT: R DATE AVAILABLE: U INIT:																
RECEIVED: S DATE RECEIVED: V SIGNATURE:																
DOC IDENT: 1 2 3 ROUT IDENT: 4 5 6 FSC: 8 9 10 FIN: 12 13 14 15 16 17 18 19 ADD: 21 22 UNIT OF ISSUE: 23 QUANTITY: 25 26 27 28 DOC IDENT: 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 SUPPLEMENTARY ADDRESS: 62 63 FUND: 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 DISTRIBUTION: 81 82 PROJECT: 83 84 PR. ORTY: 85 86 REQ DEL DATE: 87 88 ADV STAT: 89 90 ROUTING IDENT: 91 92 TRANSACTION: 93 94 DOLLARS: 95 96 CENTS: 97 98																

REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2-1)

DA FORM 2765-1, APR 76

USAPA V1.00

PREVIOUS EDITION WILL BE

DOC IDENT	ROUT IDENT	FSC	FIN STOCK NUMBER	ADD	UNIT OF ISSUE	QUANTITY	REQUISITIONER	DATE	SERIAL	SUPPLEMENTARY ADDRESS	FUND	DISTRI-BUTION	PROJECT	REV. DATE	ADV. STAT.
SEND TO: REMINGTON, ARMS CO, INC ATTN: SERVICE										REQUEST IS FROM: COMMANDER A CO, 1/24 IN					
W31G1Y										WDA6A0					
A										B					
C										D					
E										F					
G										H					
I										J					
K										L					
M										N					
O										P					
Q										R					
S										T					
U										V					
W										X					
Y										Z					
AA										AB					
AC										AD					
AE										AF					
AG										AH					
AI										AJ					
AK										AL					
AM										AN					
AO										AP					
AQ										AR					
AS										AT					
AU										AV					
AW										AX					
AY										AZ					
BA										BB					
BC										BD					
BE										BF					
BG										BH					
BI										BJ					
BK										BL					
BM										BN					
BO										BP					
BQ										BR					
BS										BT					
BU										BV					
BW										BX					
BY										BZ					
CA										CB					
CC										CD					
CE										CF					
CG										CH					
CI										CJ					
CK										CL					
CM										CN					
CO										CP					
CQ										CR					
CS										CT					
CU										CV					
CW										CX					
CY										CZ					
DA										DB					
DC										DD					
DE										DF					
DG										DH					
DI										DJ					
DK										DL					
DM										DN					
DO										DP					
DQ										DR					
DS										DT					
DU										DV					
DW										DX					
DY										DZ					
EA										EB					
EC										ED					
EE										EF					
EG										EH					
EI										EJ					
EK										EL					
EM										EN					
EO										EP					
EQ										ER					
ES										ET					
EU										EV					
EW										EX					
EY										EZ					
FA										FB					
FC										FD					
FE										FE					
FG										FG					
FI										FI					
FK										FK					
FM										FM					
FO										FO					
FQ										FQ					
FS										FS					
FU										FU					
FW										FW					
FY										FY					
GA										GA					
GC										GC					
GE										GE					
GG										GG					
GI										GI					
GK										GK					
GM										GM					
GO										GO					
GQ										GQ					
GS										GS					
GU										GU					
GW										GW					
GY										GY					
HA										HA					
HC										HC					
HE										HE					
HG										HG					
HI										HI					
HK										HK					
HM										HM					
HO										HO					
HQ										HQ					
HS										HS					
HU										HU					
HW										HW					
HY										HY					
IA										IA					
IC										IC					
IE										IE					
IG										IG					
II										II					
IK										IK					
IM										IM					
IO										IO					
IQ										IQ					
IS										IS					
IU										IU					
IW										IW					
IY										IY					
JA										JA					
JC										JC					
JE										JE					
JG										JG					
JI										JI					
JK										JK					
JM										JM					
JO										JO					
JQ										JQ					
JS										JS					
JU										JU					
JW										JW					
JY										JY					
KA										KA					
KC										KC					
KE										KE					
KG										KG					
KI										KI					
KK										KK					
KM										KM					
KO										KO					
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MAINTENANCE REQUEST				PAGE OF		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG									
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA				
1a. WORK ORDER NO.		b. CUSTOMER UNIT NAME		c. PHONE NO.		3a. WORK ORDER NO (WON)		b. SHOP	
		ALC 1124 IN		7-3076					
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA									
5. ID		6. NSN		15. FAILURE DETECTED DURING (Select one - use / or X)					
110050112401211361				☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration					
7. TYPE MNT. REQ. CODE		8. MODEL		16a. MILES/KILOMETERS (Enter or x)		b. HOURS		c. ROUNDS	
PMCS		M-24		MI KM					
9. NOUN				d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)	
Rifle, Sniper									
10a. ORG WON		b. EIC		19. IN WARRANTY? (Y or N)		20. LEVEL OF WORK (Select one - use / or X)		18. ACCT PROCESSING CO	
						☐ O Unit Level ☐ H Intermediate General Spt. ☐ I Special Repair Activity ☐ F Immediate Direct Spt. ☐ D Depot			
11. SERIAL NUMBER		b. QTY.		13. PD		21. BUMPER NO./TAIL NO.		22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)	
663418172191									
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.)									
Bolt closes on no-go gauge Crack on stock, next to the bolt face on right side									
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)									

PREPARATION INSTRUCTIONS

SECTION I -

- Block 1a. Enter UIC of submitting organization.
 Block 1b. Enter name of submitting organization.
 Block 1c. Enter number to be called when maintenance is completed.
 Block 2b. Enter UIC of supporting SAMS-2 if work is requested while intransit and away from your support maintenance unit.
 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 -

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

SECTION III (Continued) -

- Block 14. Leave blank.
 Block 15. Select one. Use a " / or x" to indicate when failure was detected.
 Block 16. Enter the accumulated usage data in block 16a through 16e, when equipment is subject to usage reporting.
 Block 17. Enter the project code if one has been assigned. If not, leave blank.
 Block 18. Leave blank (for DSU/GSU use).
 Block 19. Enter a "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
 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.
 Block 21. Enter the bumper number or admin. number assigned for property control purposes to the equipment being submitted.
 Block 22. Leave blank (for DSU/GSU use).
 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.
 Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maintenance.

- 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		35a. ACCEPTED BY	
b. ORD DATE	b. ST	c. ORD DATE	d. MIL TIME
4/12/51			

[illegible]

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00050323** Serial: C6348729 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: [redacted] Status: Closed 8/6/02 5:04 PM

Address Information

Customer: [redacted] Received From: [redacted] Return To: [redacted] Received From: [redacted]

Name: **A CO 1/24 INF** **A CO 1/24 INF**

Address 1: **ATTN CPT THORNTON MS85** **ATTN CPT THORNTON MS85**

Address 2: **BOX 339500** **BOX 339500**

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FRT: [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: [redacted]

Fax: [redacted]

Email: [redacted]

Comments: [redacted]

Received Condition

Pool: [redacted]

Condition: [redacted]

Notes: [redacted]

CSR Notes: [redacted]

Accessories Received

Code	Desc	Qty
A00Z	With Stud	1
A010	Hard Case	1
X	FRT & REAR SGT BA	2

Repair Search **Refresh** **Close**

haglet 8/7/02 7:50 AM CAPS NUM INS 5-RI

Start Inbox - Micros Calendar - Mic Microsoft Excel Arms Servi 7:50 AM

Serial Number: C6348729

Model: 700



RE00050323

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

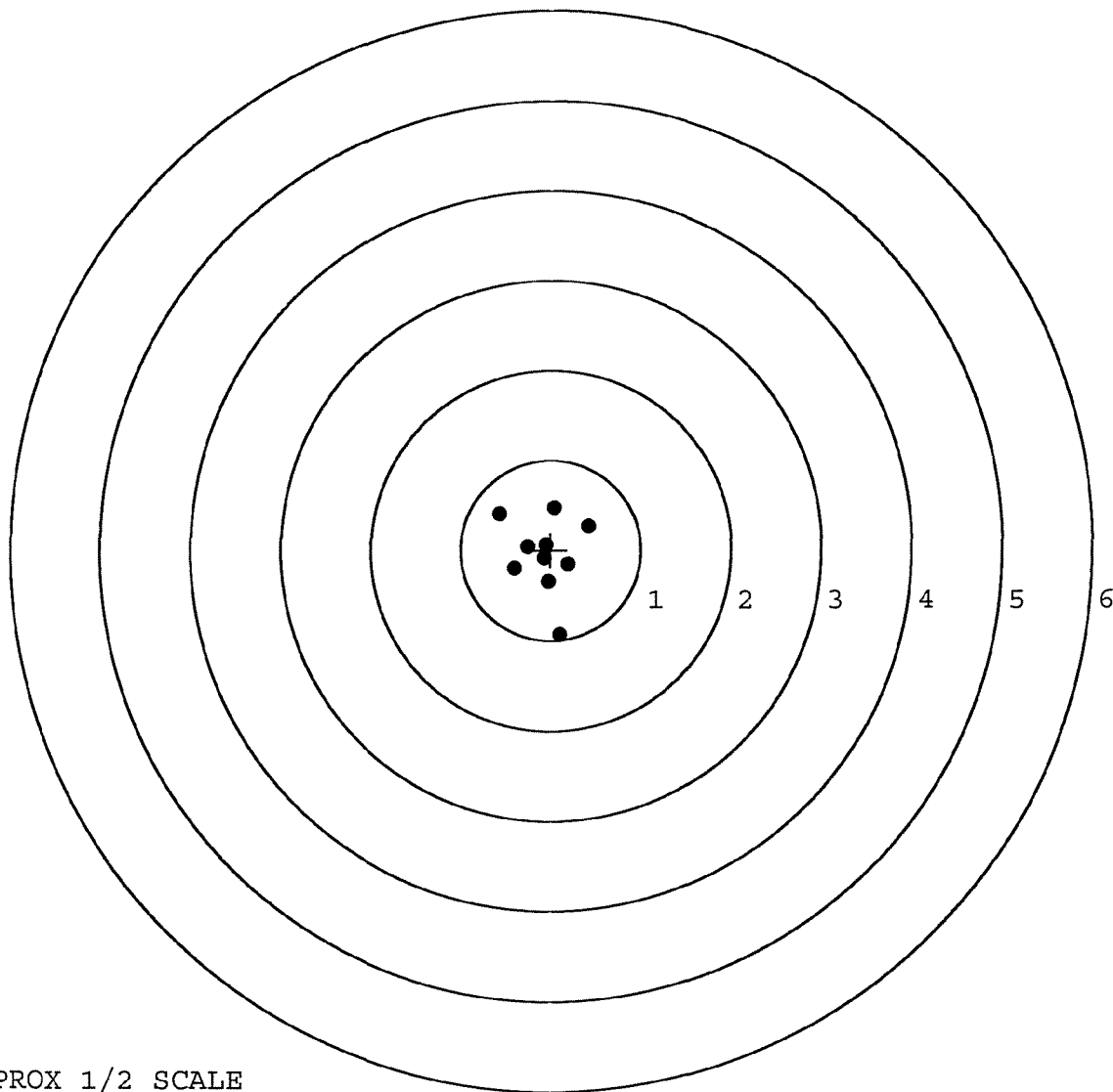
FIREARM SERIAL NUMBER / DATASET NAME: C6348729.__0
FILE DATE AND TIME: 08/23/2002 13:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.089
The Average Y Centroid of the Five Target Set:	-0.040
The Average Point of Impact of the Five Target Set:	0.097
The Average Mean Radius of the Five Target Set:	0.630
The Distance from POA to Centroid Target #1:	0.085
The Distance from Centroid Target #2 to Centroid Target #1:	0.251
The Distance from Centroid Target #3 to Centroid Target #1:	0.208
The Distance from Centroid Target #4 to Centroid Target #1:	0.170
The Distance from Centroid Target #5 to Centroid Target #1:	0.119

BARBER - M24 0062517

SERIAL NUMBER: C6348729. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.106	-0.943
FILE DATE: 08/23/2002	2:	0.415	0.261
FILE TIME: 13:55	3:	0.037	0.467
	4:	-0.575	0.400
X CENTROID: -0.064	5:	-0.054	0.055
Y CENTROID: -0.055	6:	-0.254	0.039
POA TO CENTROID: 0.085	7:	-0.404	-0.213
HORZ SPREAD: 0.990	8:	-0.027	-0.355
VERT SPREAD: 1.410	9:	-0.080	-0.100
GROUP SPREAD: 1.506	10:	0.194	-0.164
MIN RADIUS: 0.047			
MAX RADIUS: 0.904			
MEAN RADIUS: 0.402			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

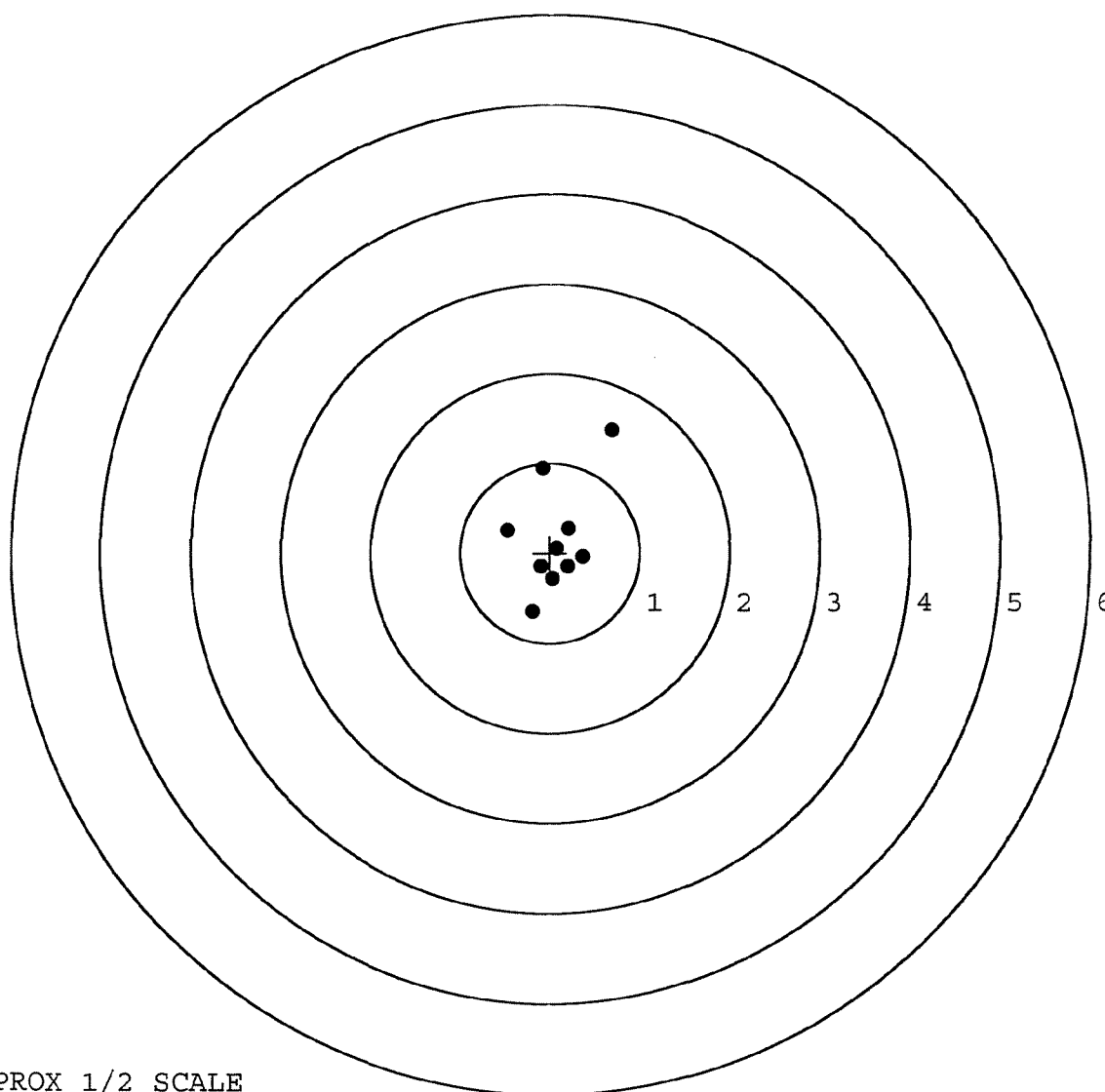
BARBER - M24 0062518

SERIAL NUMBER: C6348729. __0
 TARGET NUMBER: 2
 FILE DATE: 08/23/2002
 FILE TIME: 13:55

POINT#	X	Y
1:	0.682	1.366
2:	-0.085	0.943
3:	-0.481	0.250
4:	0.202	0.271
5:	0.370	-0.048
6:	-0.198	-0.660
7:	0.202	-0.158
8:	0.032	-0.291
9:	-0.105	-0.156
10:	0.076	0.051

X CENTROID: 0.070
 Y CENTROID: 0.157
 POA TO CENTROID: 0.172
 HORZ SPREAD: 1.163
 VERT SPREAD: 2.026
 GROUP SPREAD: 2.209
 MIN RADIUS: 0.106
 MAX RADIUS: 1.355
 MEAN RADIUS: 0.537

IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



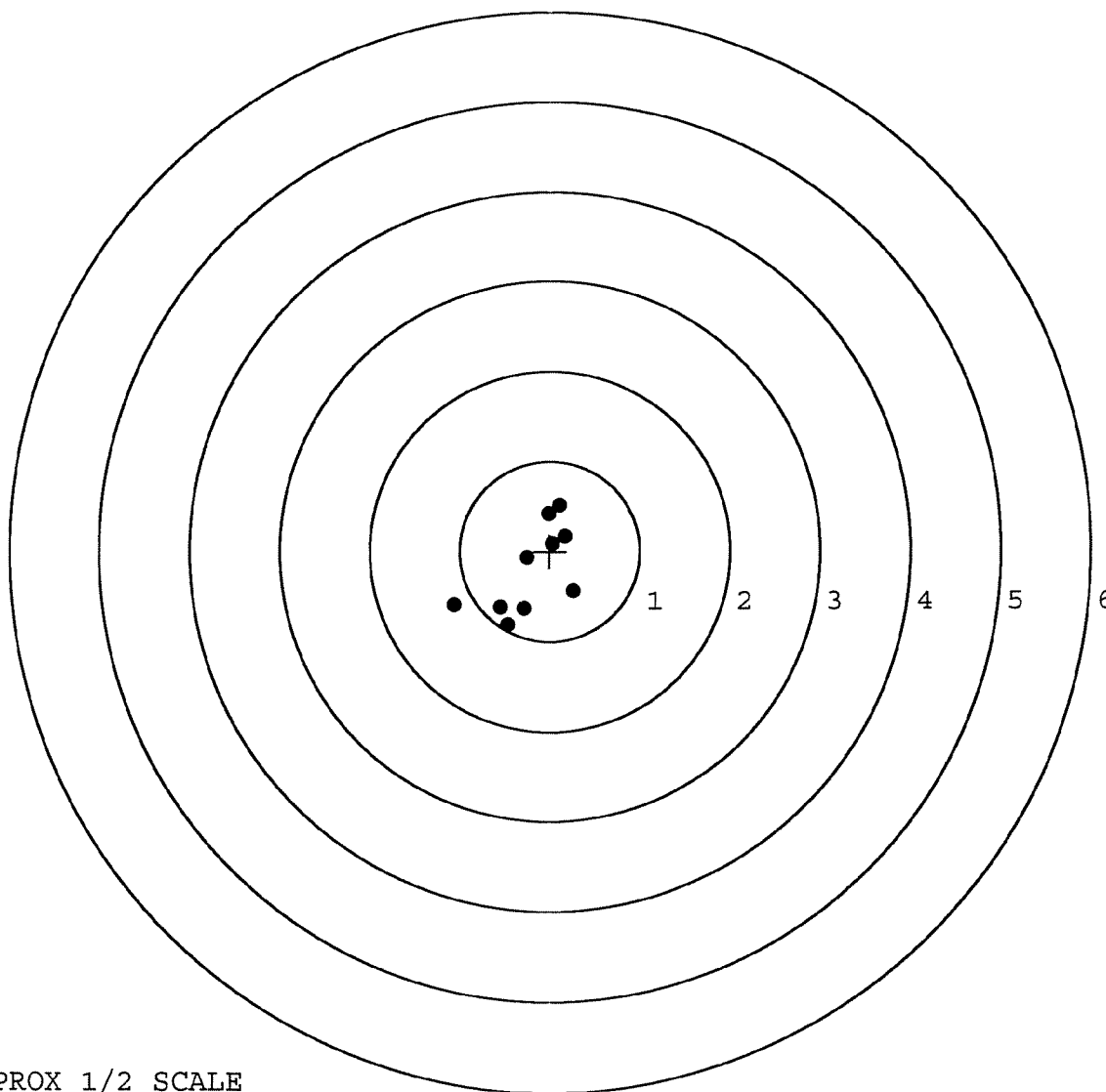
TARGET APPROX 1/2 SCALE

BARBER - M24 0062519

SERIAL NUMBER: C6348729. __0
 TARGET NUMBER: 3
 FILE DATE: 08/23/2002
 FILE TIME: 13:55

POINT#	X	Y
1:	0.262	-0.453
2:	-1.064	-0.603
3:	-0.553	-0.631
4:	-0.287	-0.646
5:	-0.470	-0.821
6:	0.111	0.509
7:	-0.017	0.418
8:	0.168	0.165
9:	0.029	0.086
10:	-0.259	-0.075

X CENTROID: -0.208
 Y CENTROID: -0.205
 POA TO CENTROID: 0.292
 HORZ SPREAD: 1.326
 VERT SPREAD: 1.330
 GROUP SPREAD: 1.618
 MIN RADIUS: 0.140
 MAX RADIUS: 0.944
 MEAN RADIUS: 0.562
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062520

SERIAL NUMBER: C6348729. __0

TARGET NUMBER: 4

FILE DATE: 08/23/2002

FILE TIME: 13:55

POINT#	X	Y
1:	-0.364	-1.261
2:	-0.771	-1.273
3:	-0.167	-0.683
4:	-0.081	-0.369
5:	-0.533	-0.347
6:	-0.331	-0.113
7:	-0.608	0.291
8:	0.091	0.439
9:	0.492	0.889
10:	0.275	0.851

X CENTROID: -0.200

Y CENTROID: -0.158

POA TO CENTROID: 0.254

HORZ SPREAD: 1.263

VERT SPREAD: 2.162

GROUP SPREAD: 2.504

MIN RADIUS: 0.139

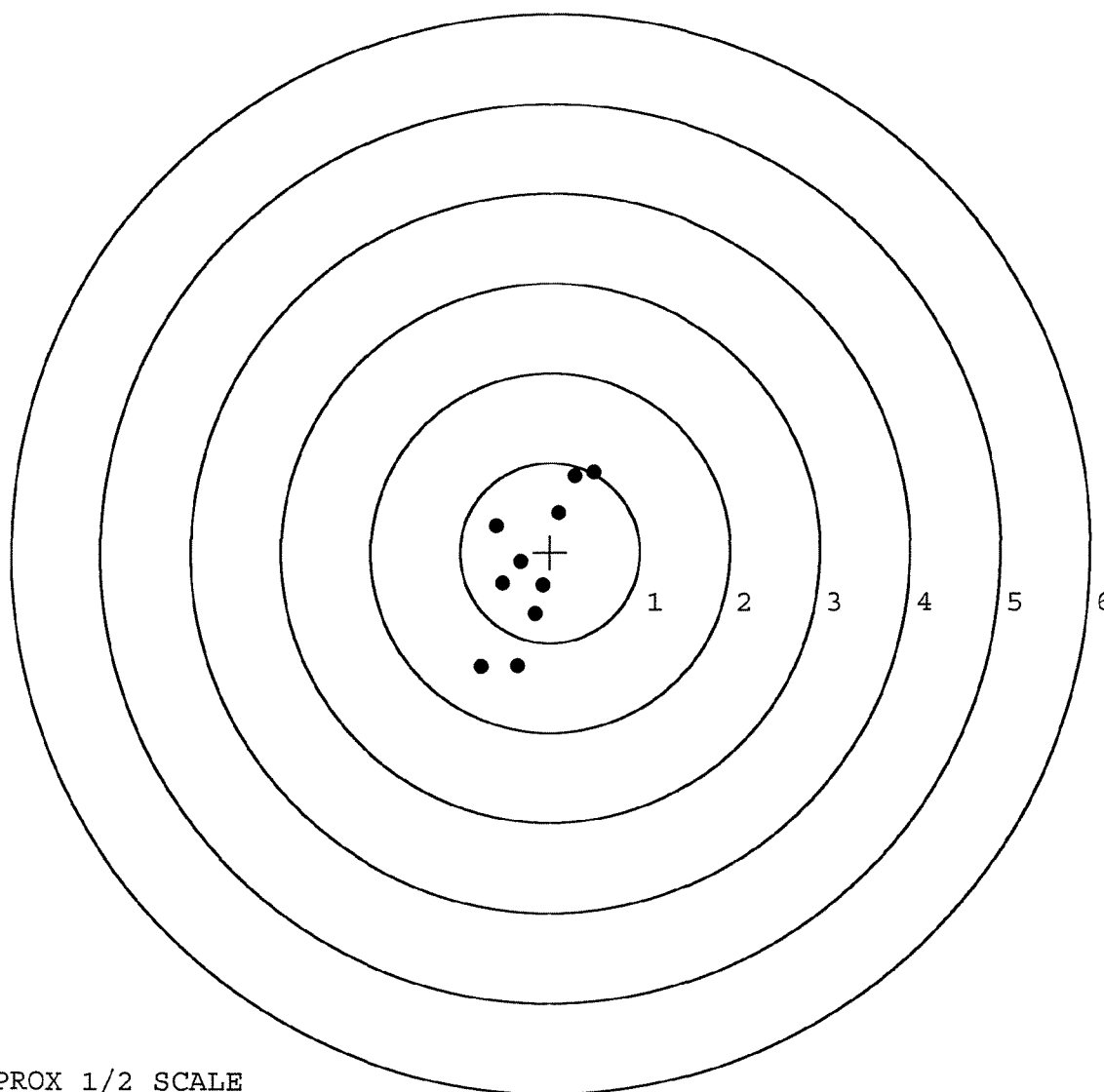
MAX RADIUS: 1.255

MEAN RADIUS: 0.730

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

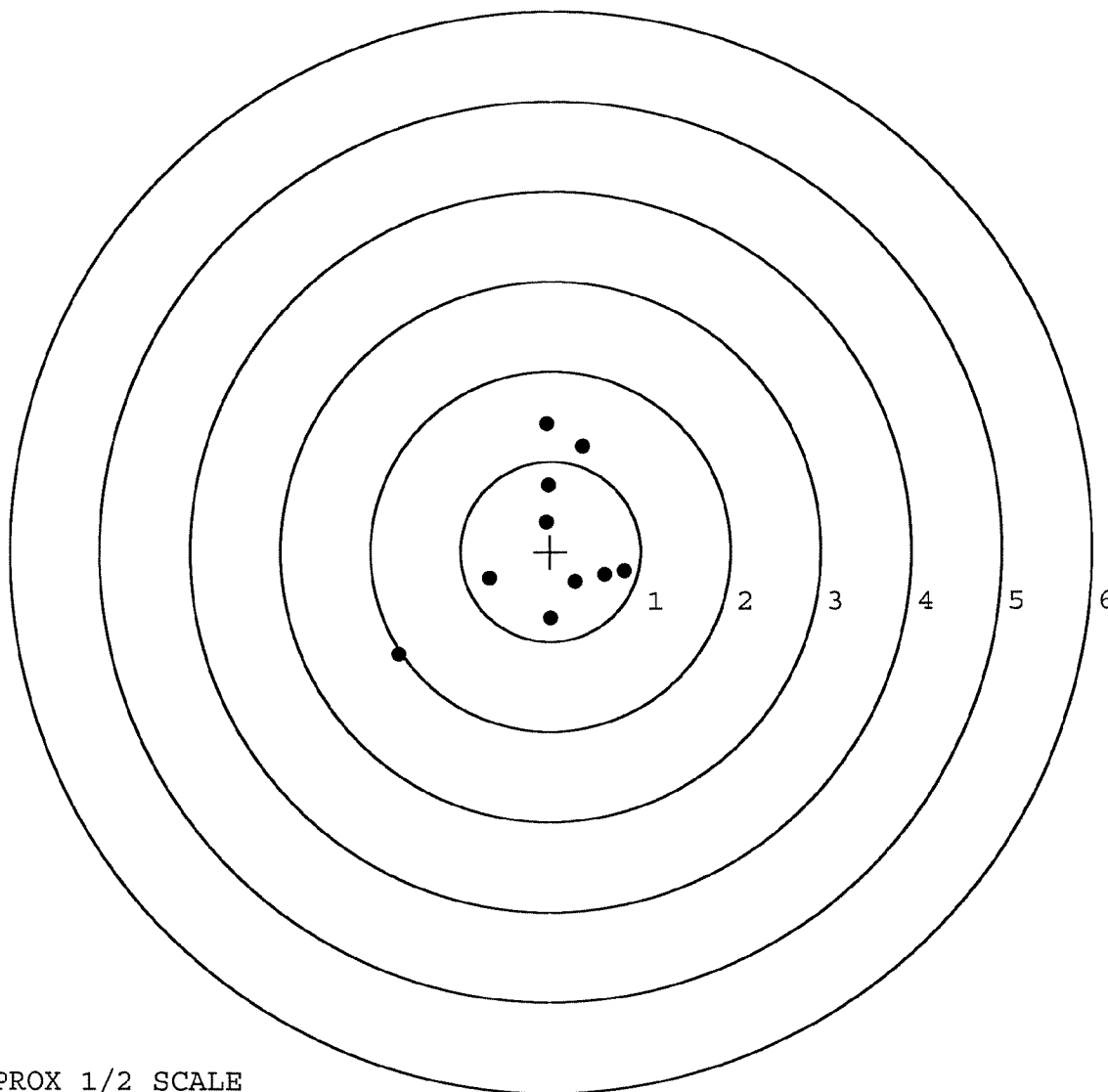
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0062521

SERIAL NUMBER: C6348729. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.004	-0.744
FILE DATE: 08/23/2002	2:	0.279	-0.344
FILE TIME: 13:55	3:	0.606	-0.265
	4:	0.824	-0.222
X CENTROID: -0.042	5:	-0.676	-0.300
Y CENTROID: 0.062	6:	-1.683	-1.150
POA TO CENTROID: 0.075	7:	-0.049	0.328
HORZ SPREAD: 2.507	8:	-0.031	0.735
VERT SPREAD: 2.567	9:	0.360	1.165
GROUP SPREAD: 3.088	10:	-0.052	1.417
MIN RADIUS: 0.266			
MAX RADIUS: 2.040			
MEAN RADIUS: 0.920			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	56323		
SERIAL NUMBER	C6348729		
LOG-IN DATE	8/6/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/7/02	RL
560 A	RE-BARREL	8-8-02	DA
B	DRILL AND TAP	8-13-02	AC
575	ASSEMBLE	8/13/02	RL
600	PROOF	8-13-02	MAGNA-FLUX INSPECTED
605	CHECK HEADSPACE	8/13/02	14 2002
610	DIS-ASSEMBLE GUN	8/13/02	RL
612	MAGNAFLUX		OPERATOR BR
615	ROLLMARK CALIBER	8/14	LB
618	ROTO-BLAST	8/15	RD
620	APPLY COATINGS	8-16	TA
625 A	FINAL ASSEMBLY	8/20/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-22-02	TRW
655	FINAL INSPECT	8-22-02	PW
660	PACK	8-26-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-10948

INITIAL CUSTOMER ORDER NO.

FJB

SNIPER W/DEPLOYMENT KIT

ATTN: FRED MARTIN

SCOPE SN 90-0532

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/30/95

03/31/95

EJ 10-89

C4348729

700

7.62

NATO

ACCESSORIES

SLING STRAP

SCOPE BASE

HARD CASE

SOFT CASE

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.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

☐

PROM. DATE

ESTIMATED

VIA

7-17-96 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

PARTS

COMMENTS

✓ NEW BARREL
✓ STOCK
✓ TRIGGER ASSY
✓ FIRING PIN ASSY
✓ SCOPE
✓ FRONT & REAR SIGHT ASSY

NO SCOPE WITH GUN

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 0062523

CONTRACT # DAAA21-87-C-0086

GUN SERIAL

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		7-17	REP
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7-17	REP
	C) Inspect Ejector Hole for Chamfer		7-17	REP
	D) Oil Firing Pin Ass'y		7-17	REP
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER, M24 0062525 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	7	5.5	7	7-17	REP
	G) Safety Off Force	4	4	4	7-17	REP
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.0235	.0225	.0235	7-17	REP
	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	2.21	2.31	2.22	2.26	2.33 8/2 SF
	C) Function					
660	Pack					

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348729

DATE 7-12-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.51	2.61	2.98	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.41	2.98	
PULL #3	2.65	2.80	2.84	
PULL #4	2.40	2.55	2.84	
PULL #5	2.62	2.63	2.88	
TOTAL	12.70	13.00	14.52	
AVG.	2.54	2.60	2.904	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.00	3.27	
PULL #2	3.07	3.33	
PULL #3	3.28	3.31	
PULL #4	3.14	3.28	
PULL #5	3.39	3.19	
TOTAL	15.88	16.38	
AVG.	3.17	3.27	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.09	4.07	
PULL #2	4.11	4.07	4.13	
PULL #3	4.18	4.07	4.19	
PULL #4	4.18	4.07	4.19	
PULL #5	4.18	3.97	4.19	
TOTAL	20.76	20.27	20.77	
AVG.	4.15	4.054	4.154	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348729
7 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.275726
1 TO	2	.102176
1 TO	3	.310002
1 TO	4	.290689
1 TO	5	.0940053

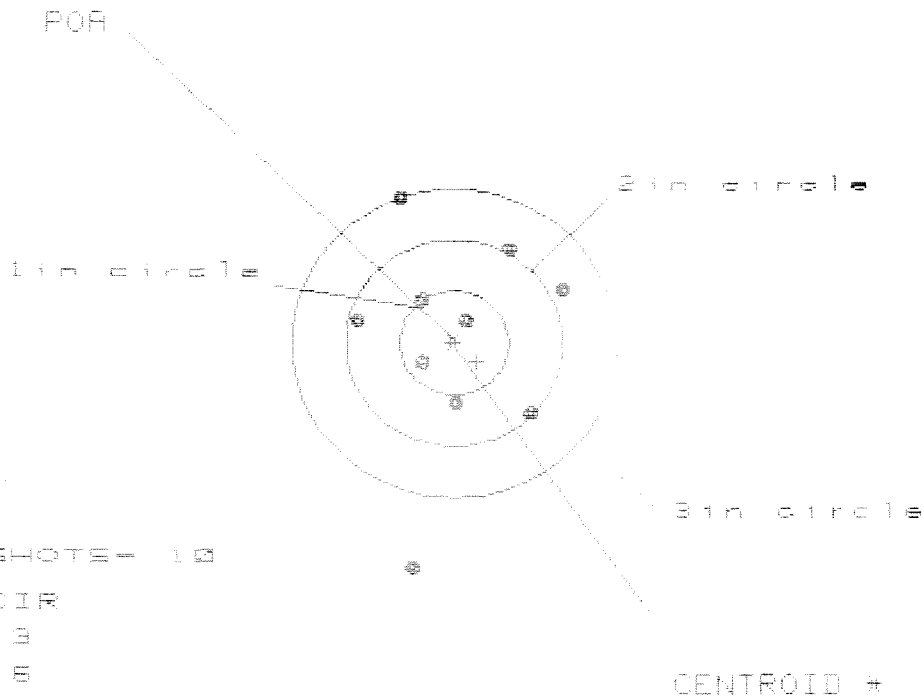
384 <----POF

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1964
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .286125
THE AMR FOR THIS RIFLE IS: 1.111

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08348729

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 2

HS= 1.884

VS= 3.602

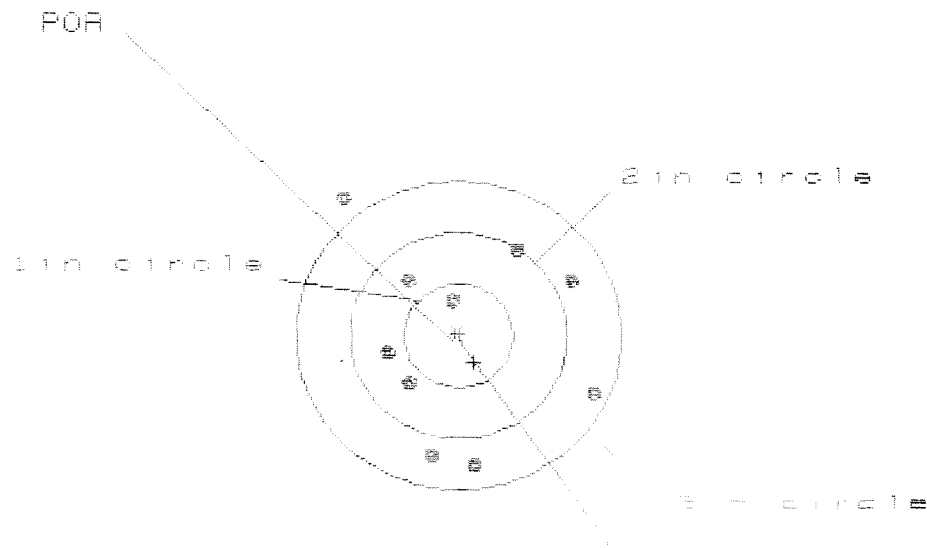
GS= 3.606

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.995	.954	.884
MINIMUM X	-.889	.930	-1.000
MAXIMUM Y	1.416	.777	.829
MINIMUM Y	-2.184	-.741	-.741
CENTROID X	-.208	-.097	-.097
CENTROID Y	.18	.277	.277
POA TO CENTROID in.	.275	.293	.293
MIN RADIUS	.235	.098	.098
MEAN RADIUS	.943	.703	.703
MAX RADIUS	2.214	1.504	1.003
HORIZONTAL SPREAD	1.884	1.884	1.884
VERTICAL SPREAD	3.602	2.063	1.570
EXTREME SPREAD	3.606	2.098	1.911
NUMBER IN ONE INCH CIRCLE	= 3	= 3	= 3
NUMBER IN TWO INCH CIRCLE	= 6	= 6	= 6
NUMBER IN THREE INCH CIRCLE	= 8	= 8	= 8

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348729

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

1 in = 2.268

2 in = 2.527

3 in = 2.912

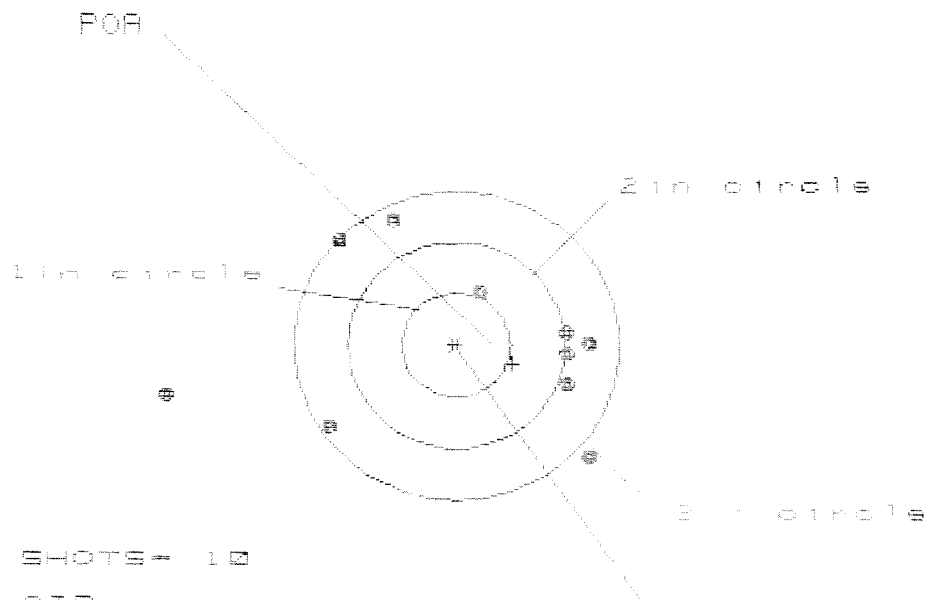
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.217	1.101	1.100
MINIMUM X	-1.051	-0.802	-0.655
MAXIMUM Y	1.297	1.028	0.980
MINIMUM Y	-1.230	-1.086	-1.134
CENTROID X	-0.142	-0.026	-0.163
CENTROID Y	0.259	0.115	0.163
POA TO CENTROID (in)	0.295	0.118	0.231
MIN RADIUS	0.349	0.512	0.444
MEAN RADIUS	1.016	0.953	0.896
MAX RADIUS	1.669	1.173	1.264
HORIZONTAL SPREAD	2.268	1.901	1.765
VERTICAL SPREAD	2.527	1.114	2.114
EXTREME SPREAD	2.912	2.245	2.245
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

7 Jan 1900

FILE://PATTERNING/CENTERFIRE_PATT/C834B729

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 1

3 in = 8

CENTROID #

HS= 3.893

VS= 2.242

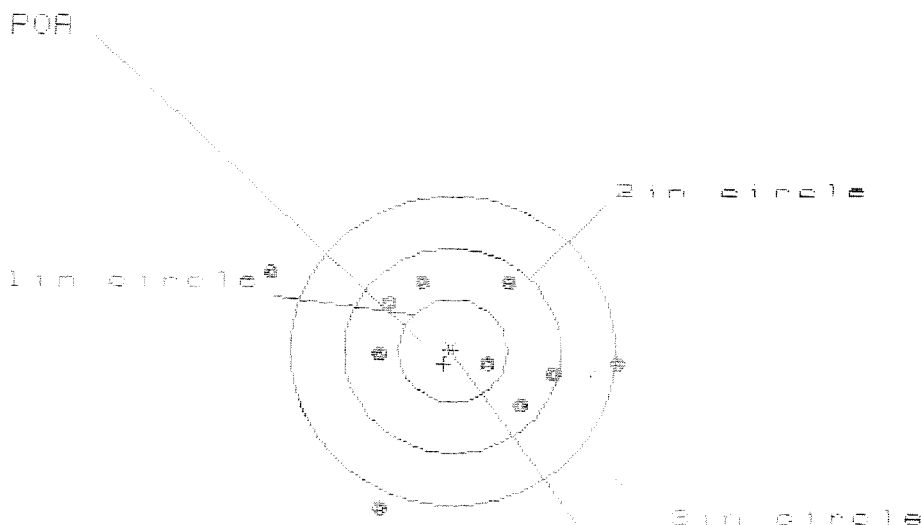
GS= 3.926

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.213	.915	1.024
MINIMUM X	-2.680	-1.521	-1.411
MAXIMUM Y	1.175	1.126	.986
MINIMUM Y	-1.067	-1.116	-.941
CENTROID X	-.519	-.220	-.330
CENTROID Y	.182	.231	.371
POA TO CENTROID in.	.549	.319	.496
MIN RADIUS	.546	.486	.331
MEAN RADIUS	1.346	1.111	1.076
MAX RADIUS	2.716	1.719	1.696
HORIZONTAL SPREAD	3.893	2.436	2.436
VERTICAL SPREAD	2.242	2.242	1.927
EXTREME SPREAD	3.926	3.065	2.574
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	1		
NUMBER IN THREE INCH CIRCLE =	8		

7 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08348723

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 7

HS = 3.184

VS = 2.331

GS = 3.300

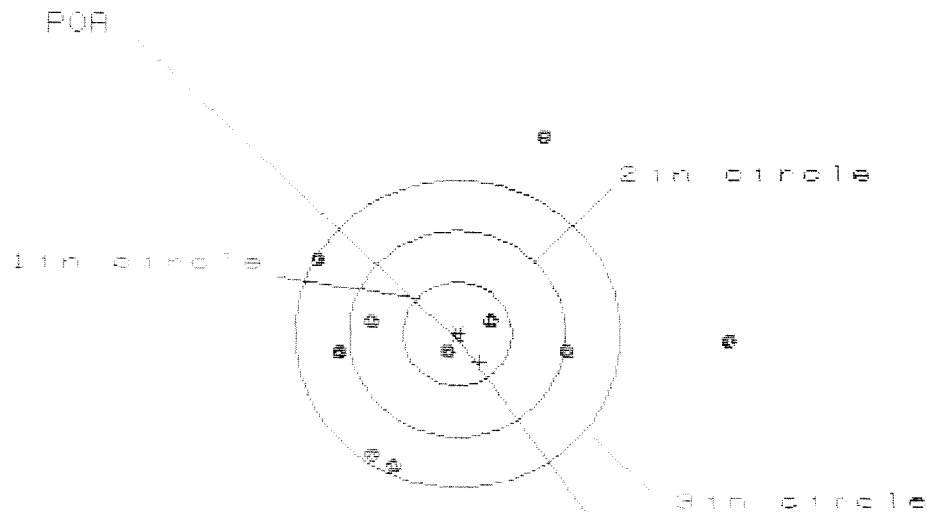
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.556	1.375	1.266
MINIMUM X	-1.628	-0.893	-1.002
MAXIMUM Y	.754	.783	.597
MINIMUM Y	-1.577	-1.493	-1.670
CENTROID X	.078	.259	.368
CENTROID Y	.129	.045	.231
POA TO CENTROID IN.	.150	.263	.435
MIN RADIUS	.321	.126	.198
MEAN RADIUS	1.024	.912	.790
MAX RADIUS	1.795	1.727	1.284
HORIZONTAL SPREAD	3.184	2.268	2.268
VERTICAL SPREAD	2.331	2.276	1.267
EXTREME SPREAD	3.300	2.679	2.271
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	7		

7 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06348729

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 3

3 in = 8

HSE = 3.766

VSE = 3.221

GSE = 3.859

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.480	1.284	1.418
MINIMUM X	-1.286	-1.011	-0.877
MAXIMUM Y	1.935	1.927	1.002
MINIMUM Y	-1.286	-1.294	-1.053
CENTROID X	-0.207	-0.482	-0.616
CENTROID Y	.275	.283	.042
POB TO CENTROID in.	.344	.559	.617
MIN RADIUS	.206	.219	.287
MEAN RADIUS	1.227	1.051	.879
MAX RADIUS	2.481	2.203	1.419
HORIZONTAL SPREAD	3.766	2.295	2.295
VERTICAL SPREAD	3.221	3.221	2.055
EXTREME SPREAD	3.859	3.488	2.487
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348729

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10 1689		LB
618	Polish Barrel <i>RUB</i>	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/2/89	WB

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	11/2/89	RL
	G) Safety Off Force	3	3	3	11/2/89	RL
	H) Trigger Pull Test & Retainability				11/2/89	WLB
	I) Firing Pin Indent	.021	.021	.021	11/2/89	RL
	J) Assemble Stock				11/3/89	RW
	K) Assemble Swivel Studs				11/2/89	RL
	L) Attach Front and Rear Sight Assemblies				11/3/89	RW
	M) Iron Sight Alignment				11/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container				11/3/89	RW
	O) Attach Scope to Rifle				11/3/89	RL
	P) Detach & Attach Scope 20 Times				11/3/89	RL
640	Gallery Target & Test				11-6-89	DH
	A) Time				11-6-89	DH
	B) Malfunctions				11-6-89	DH
	C) Pierced Primers				11-6-89	DH
	D) Optical Clarity of Scope				11-6-89	DH
645	Inspect for Live Ammo				11-6-89	DH
655	Final Inspection				11 Dec 89	RL
	A) Headspace				11 Dec 89	RL
	B) Trigger Pull	2.53	2.73	2.81	11 Dec 89	RL
	C) Function				11 Dec 89	RL
660	Pack				12 Dec 89	RL

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348729

DATE 2/11/90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	254	264		277	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	238	251		277	
PULL #3	240	252		257	
PULL #4	243	242		256	
PULL #5	244	243		261	
TOTAL	1222	1252			
AVG.	244.4	250.4			

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	307	323			
PULL #2	305	311			
PULL #3	307	306			
PULL #4	303	296			
PULL #5	302	308			
TOTAL	1524	1544			
AVG.	304.8	308.8			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	414	411		
PULL #2	398	406		
PULL #3	410	400		
PULL #4	399	399		
PULL #5	406	392		
TOTAL	2027	2008		
AVG.	405.4	401.6		

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector hole Polish Ejector 12/8/89	Ru
TEST		
TGT		
PROOF	Shot OK —	Ru
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. #		GA. CAL.	GUN #	ASSEM. #
TEST	DATE	MALFUNCTION/DEFECT		
	1st			
	2nd			
	3rd			
4th				
FUNCTION				

Shaver brass and eject

RD 6654 Rev 1

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348729
6 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.526642
1 TO	2	.310363
1 TO	3	.498993
1 TO	4	.13354
1 TO	5	.468875

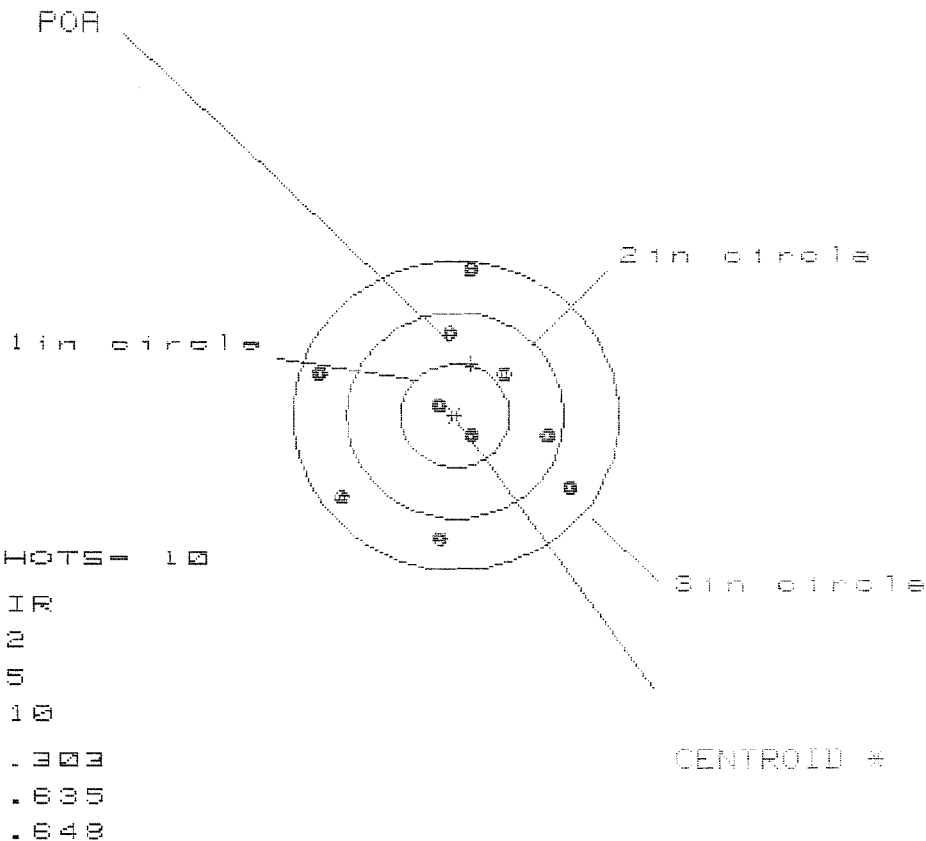
3.27 (----)FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.272
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.266
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .388447
THE AMR FOR THIS RIFLE IS: .9262

5 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348723

CENTERFIRE PATTERNS # 1

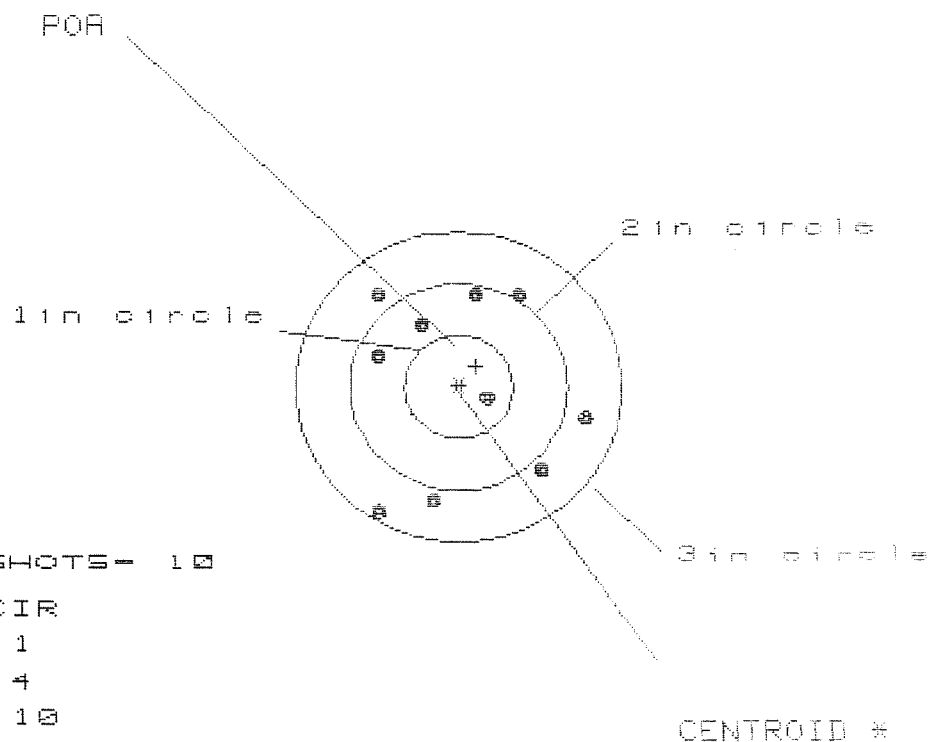


PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.073	1.084	.956
MINIMUM X	:	-1.230	-1.219	-1.347
MAXIMUM Y	:	1.400	.973	.890
MINIMUM Y	:	-1.235	-1.080	-1.163
CENTROID X	:	-.146	-.157	-.029
CENTROID Y	:	-.506	-.661	-.578
POA TO CENTROID in.	:	.526	.680	.579
MIN RADIUS	:	.187	.162	.135
MEAN RADIUS	:	.925	.874	.804
MAX RADIUS	:	1.404	1.322	1.414
HORIZONTAL SPREAD	:	2.303	2.303	2.303
VERTICAL SPREAD	:	2.635	2.053	2.053
EXTREME SPREAD	:	2.648	2.518	2.518
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348729

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 1.912

VS= 2.170

GS= 2.504

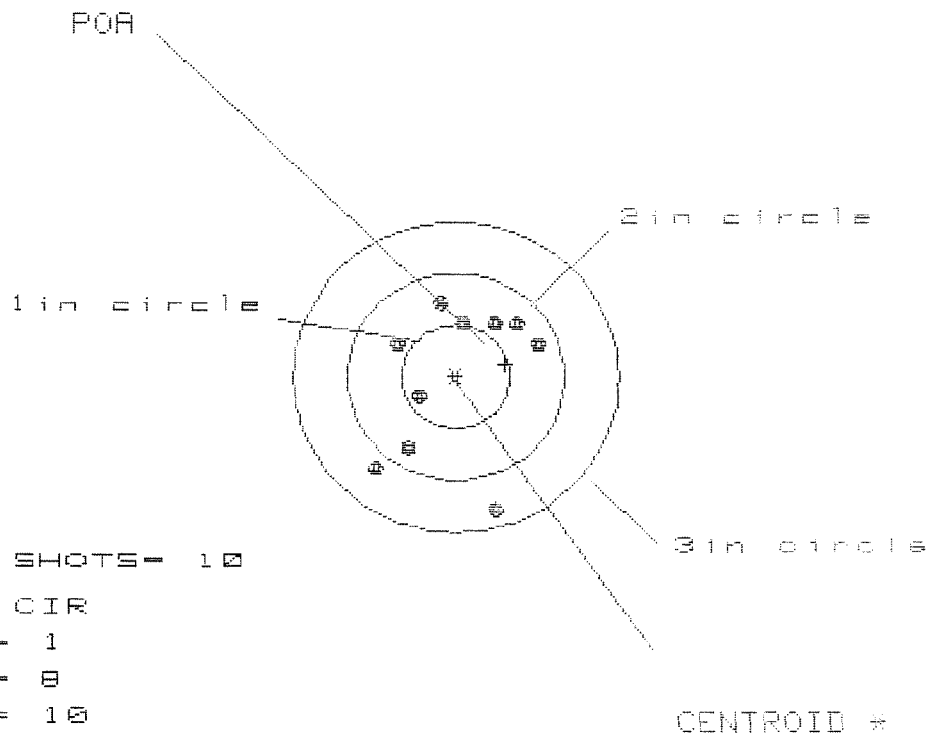
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.157	1.076	.780
MINIMUM X	:	-.756	-.836	-.702
MAXIMUM Y	:	.941	.805	.744
MINIMUM Y	:	-1.229	-1.205	-1.266
CENTROID X	:	-.161	-.080	-.214
CENTROID Y	:	-.196	-.060	.001
POA TO CENTROID in.	:	.253	.099	.214
MIN RADIUS	:	.317	.326	.465
MEAN RADIUS	:	.980	.912	.863
MAX RADIUS	:	1.429	1.258	1.230
HORIZONTAL SPREAD	:	1.912	1.912	1.482
VERTICAL SPREAD	:	2.170	2.010	2.010
EXTREME SPREAD	:	2.504	2.285	2.285
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346729

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 8

3 in - 10

HS- 1.562

VS- 2.040

GS- 2.102

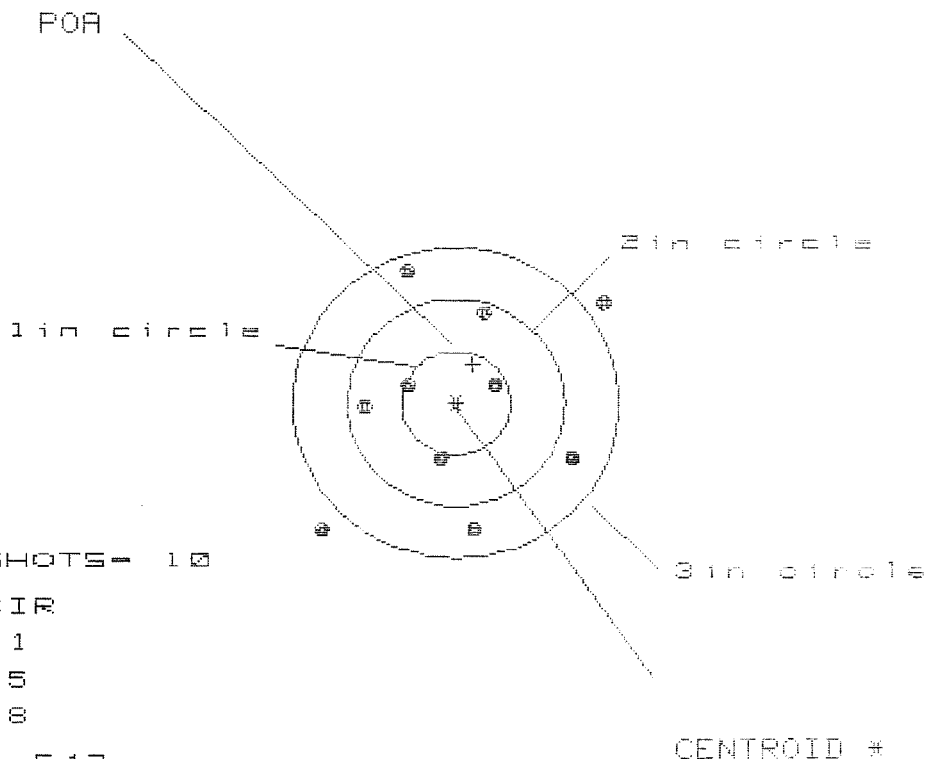
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.809	.847	.757
MINIMUM X	:	-.753	-.715	-.589
MAXIMUM Y	:	.729	.583	.457
MINIMUM Y	:	-1.311	-1.010	-.942
CENTROID X	:	-.461	-.499	-.409
CENTROID Y	:	-.119	.027	.153
POA TO CENTROID in.	:	.476	.499	.437
MIN RADIUS	:	.360	.408	.278
MEAN RADIUS	:	.794	.702	.604
MAX RADIUS	:	1.354	1.237	1.048
HORIZONTAL SPREAD	:	1.562	1.562	1.346
VERTICAL SPREAD	:	2.040	1.593	1.399
EXTREME SPREAD	:	2.102	1.967	1.676
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348723

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.643

VS= 2.484

GS= 3.467

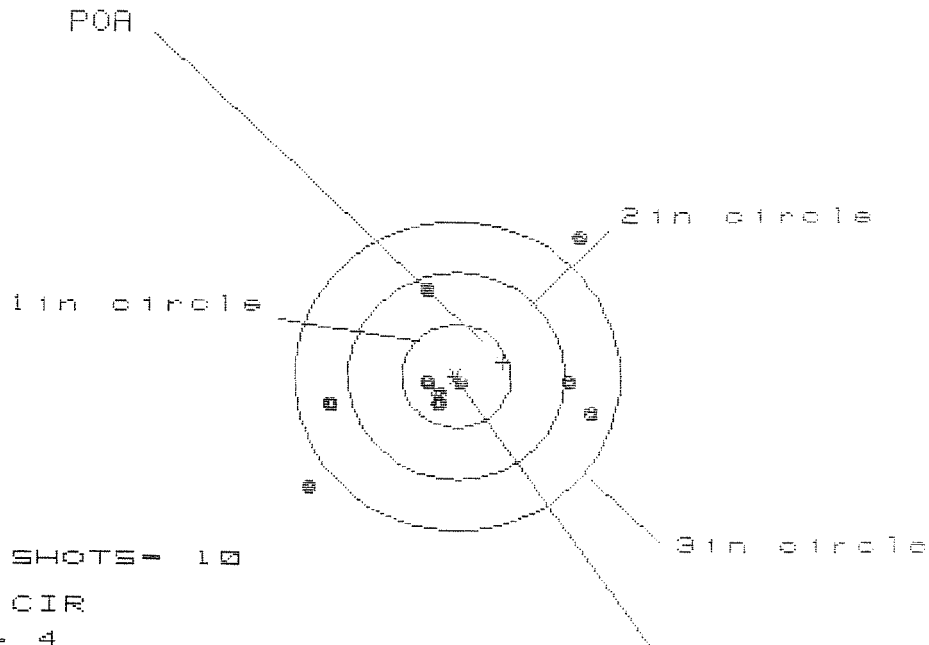
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.373	1.232	1.071
MINIMUM X	:	-1.270	-1.032	-.878
MAXIMUM Y	:	1.246	1.109	1.217
MINIMUM Y	:	-1.238	-1.367	-1.259
CENTROID X	:	-.158	-.017	-.171
CENTROID Y	:	-.373	-.236	-.344
POA TO CENTROID in.	:	.405	.236	.384
MIN RADIUS	:	.408	.226	.407
MEAN RADIUS	:	1.052	.962	.879
MAX RADIUS	:	1.774	1.507	1.304
HORIZONTAL SPREAD	:	2.643	2.264	1.949
VERTICAL SPREAD	:	2.484	2.476	2.476
EXTREME SPREAD	:	3.467	2.563	2.563
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

6 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348729

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 2.674

VS= 2.399

GS= 3.524

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.267	1.397	1.237
MINIMUM X	:	-1.487	-1.277	-1.192
MAXIMUM Y	:	1.336	1.015	.901
MINIMUM Y	:	-1.063	-.915	-.316
CENTROID X	:	-.434	-.564	-.404
CENTROID Y	:	-.136	-.284	-.170
POA TO CENTROID in.	:	.454	.632	.439
MIN RADIUS	:	.031	.037	.028
MEAN RADIUS	:	.880	.740	.657
MAX RADIUS	:	1.779	1.571	1.277
HORIZONTAL SPREAD	:	2.674	2.674	2.430
VERTICAL SPREAD	:	2.399	1.930	1.217
EXTREME SPREAD	:	3.524	2.767	2.433
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

Remington®

MODEL 700™ H24

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

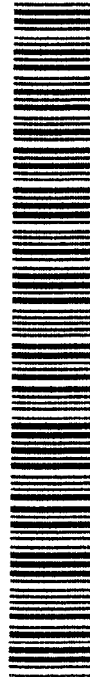
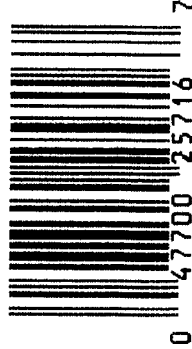
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

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

DU PONT

SERIAL NO. C6348729	01
ORDER NO. 5716	

UPC



5716 C6348729