

G-646 1615
Rephased
E 641 3496

6646 1615 (Nm)

Serial Number:

~~E6413496~~

Model: M24 SWS



RE00100194

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461615.__0
FILE DATE AND TIME: 09/16/2005 09:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	0.095
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.772
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.166
The Distance from Centroid Target #3 to Centroid Target #1:	0.022
The Distance from Centroid Target #4 to Centroid Target #1:	0.279
The Distance from Centroid Target #5 to Centroid Target #1:	0.492

SERIAL NUMBER: G6461615. __0

TARGET NUMBER: 1

FILE DATE: 09/16/2005

FILE TIME: 09:32

X CENTROID: -0.061

Y CENTROID: 0.036

POA TO CENTROID: 0.071

HORZ SPREAD: 1.528

VERT SPREAD: 1.428

GROUP SPREAD: 1.831

MIN RADIUS: 0.360

MAX RADIUS: 0.944

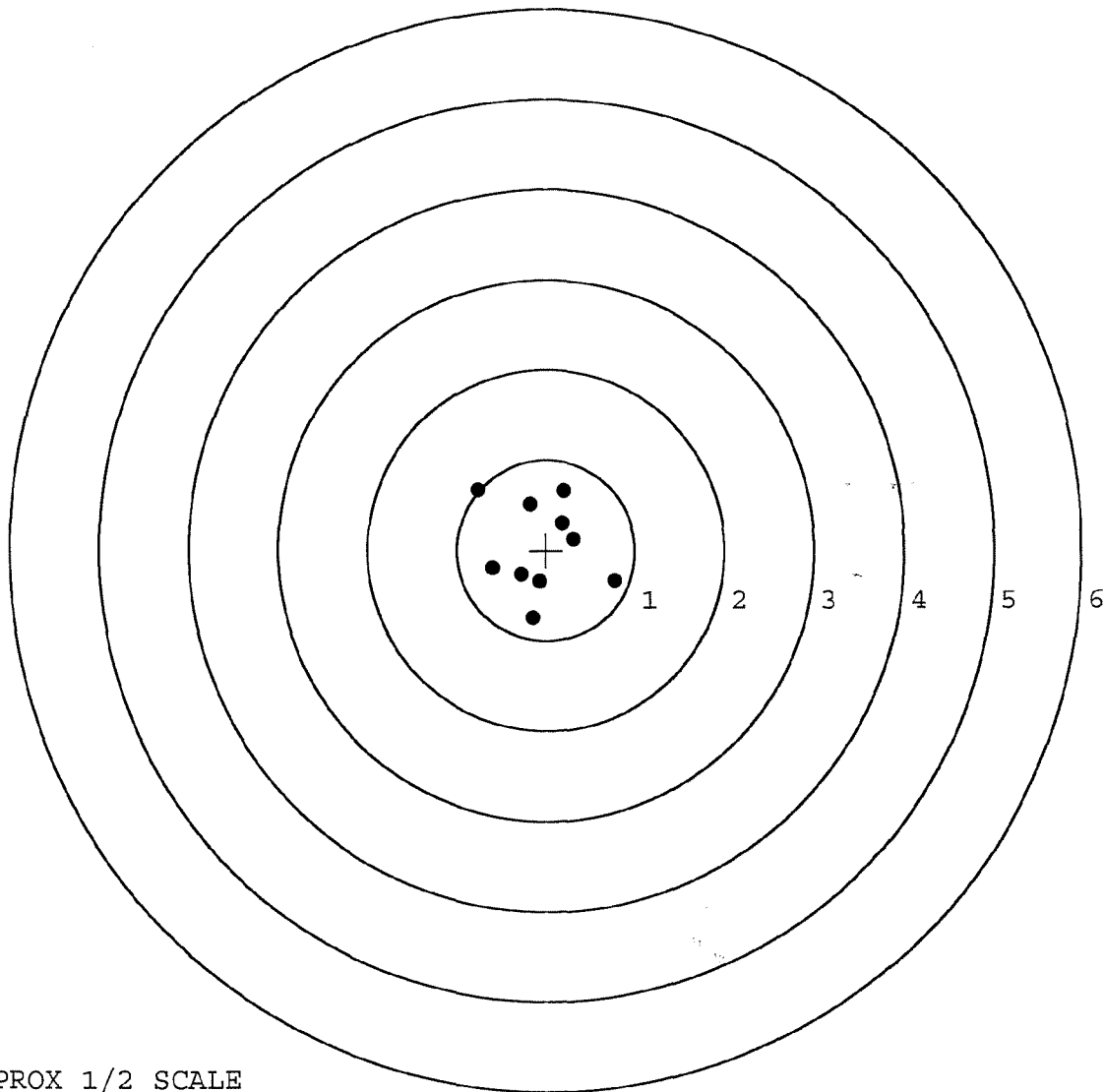
MEAN RADIUS: 0.591

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.767	-0.339
2:	-0.155	-0.758
3:	-0.077	-0.350
4:	-0.286	-0.270
5:	-0.600	-0.194
6:	-0.761	0.670
7:	0.194	0.656
8:	0.310	0.129
9:	0.179	0.305
10:	-0.180	0.513



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461615. 0

TARGET NUMBER: 2

FILE DATE: 09/16/2005

FILE TIME: 09:32

X CENTROID: -0.198

Y CENTROID: 0.130

POA TO CENTROID: 0.237

HORZ SPREAD: 2.819

VERT SPREAD: 3.948

GROUP SPREAD: 4.091

MIN RADIUS: 0.405

MAX RADIUS: 2.153

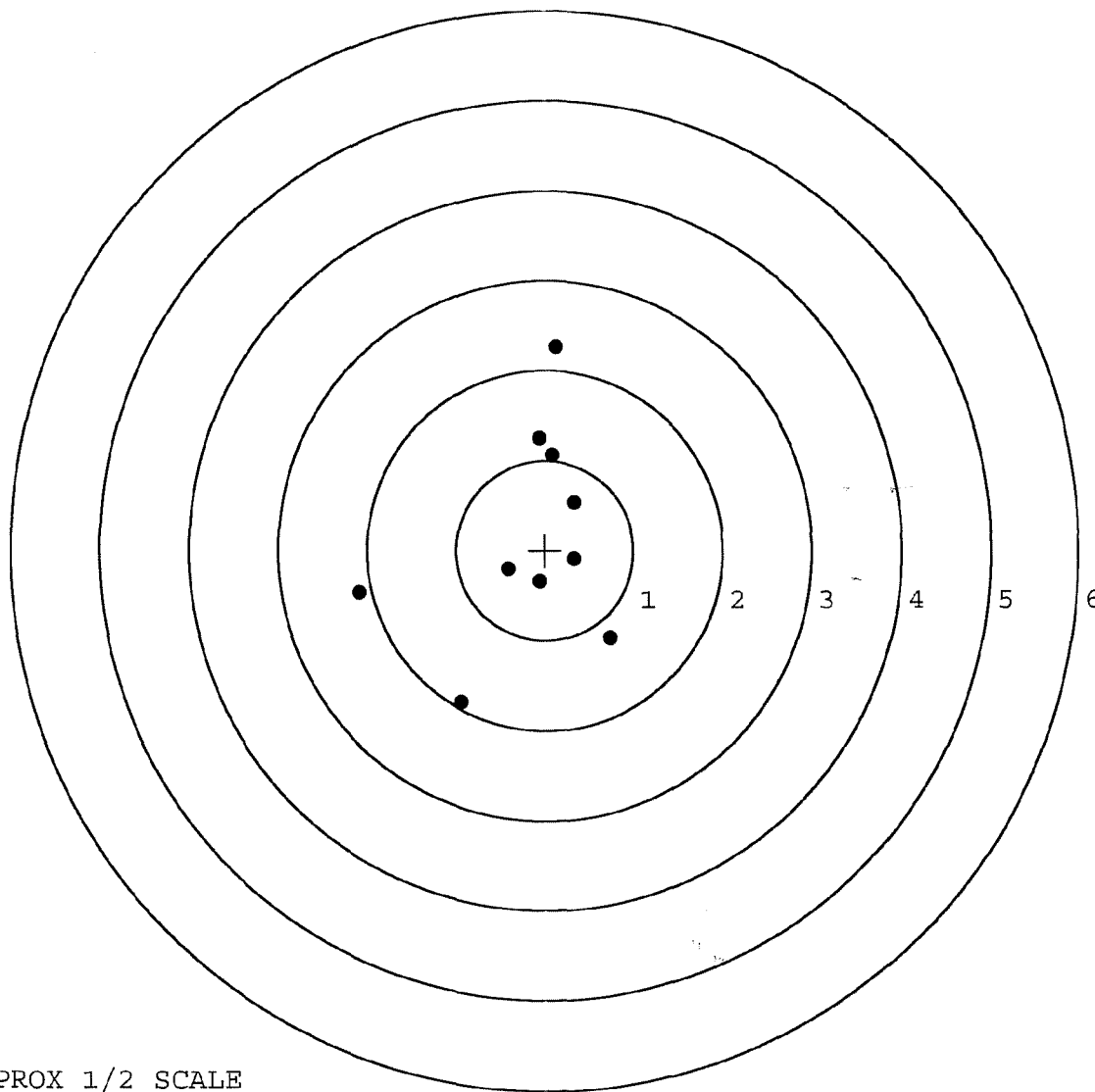
MEAN RADIUS: 1.178

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.060	1.242
2:	0.081	1.054
3:	0.328	0.539
4:	0.328	-0.098
5:	-0.063	-0.349
6:	-0.419	-0.209
7:	0.730	-0.980
8:	-0.944	-1.690
9:	-2.089	-0.467
10:	0.127	2.258



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461615. __0

TARGET NUMBER: 3

FILE DATE: 09/16/2005

FILE TIME: 09:32

X CENTROID: -0.066

Y CENTROID: 0.015

POA TO CENTROID: 0.067

HORZ SPREAD: 1.300

VERT SPREAD: 2.800

GROUP SPREAD: 2.847

MIN RADIUS: 0.208

MAX RADIUS: 1.499

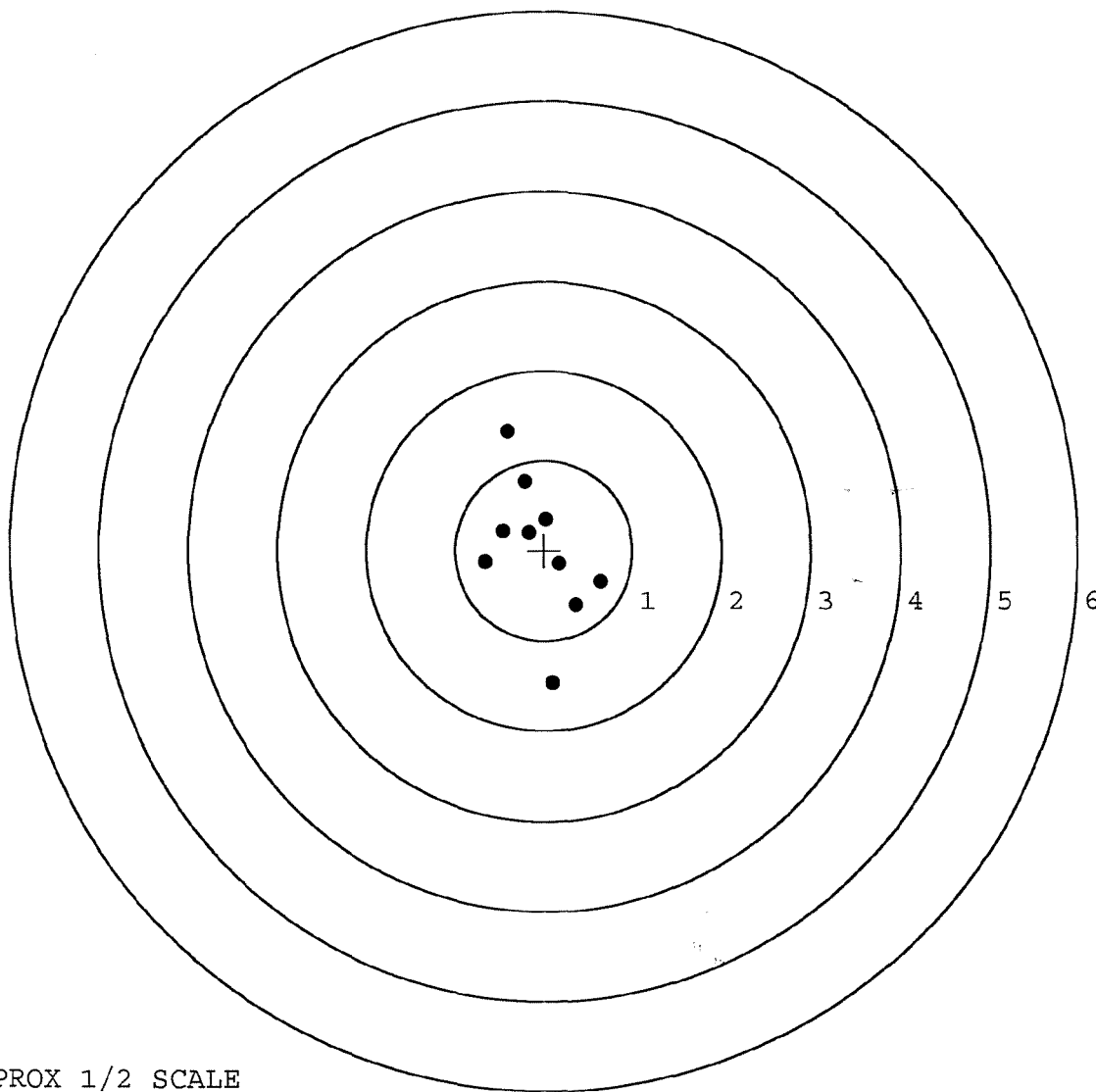
MEAN RADIUS: 0.706

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.416	1.325
2:	-0.226	0.762
3:	0.015	0.343
4:	-0.472	0.218
5:	-0.661	-0.129
6:	0.100	-1.475
7:	0.360	-0.603
8:	0.639	-0.342
9:	0.172	-0.149
10:	-0.168	0.196



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461615. 0

TARGET NUMBER: 4

FILE DATE: 09/16/2005

FILE TIME: 09:32

X CENTROID: 0.127

Y CENTROID: -0.170

POA TO CENTROID: 0.212

HORZ SPREAD: 2.087

VERT SPREAD: 1.751

GROUP SPREAD: 2.282

MIN RADIUS: 0.174

MAX RADIUS: 1.393

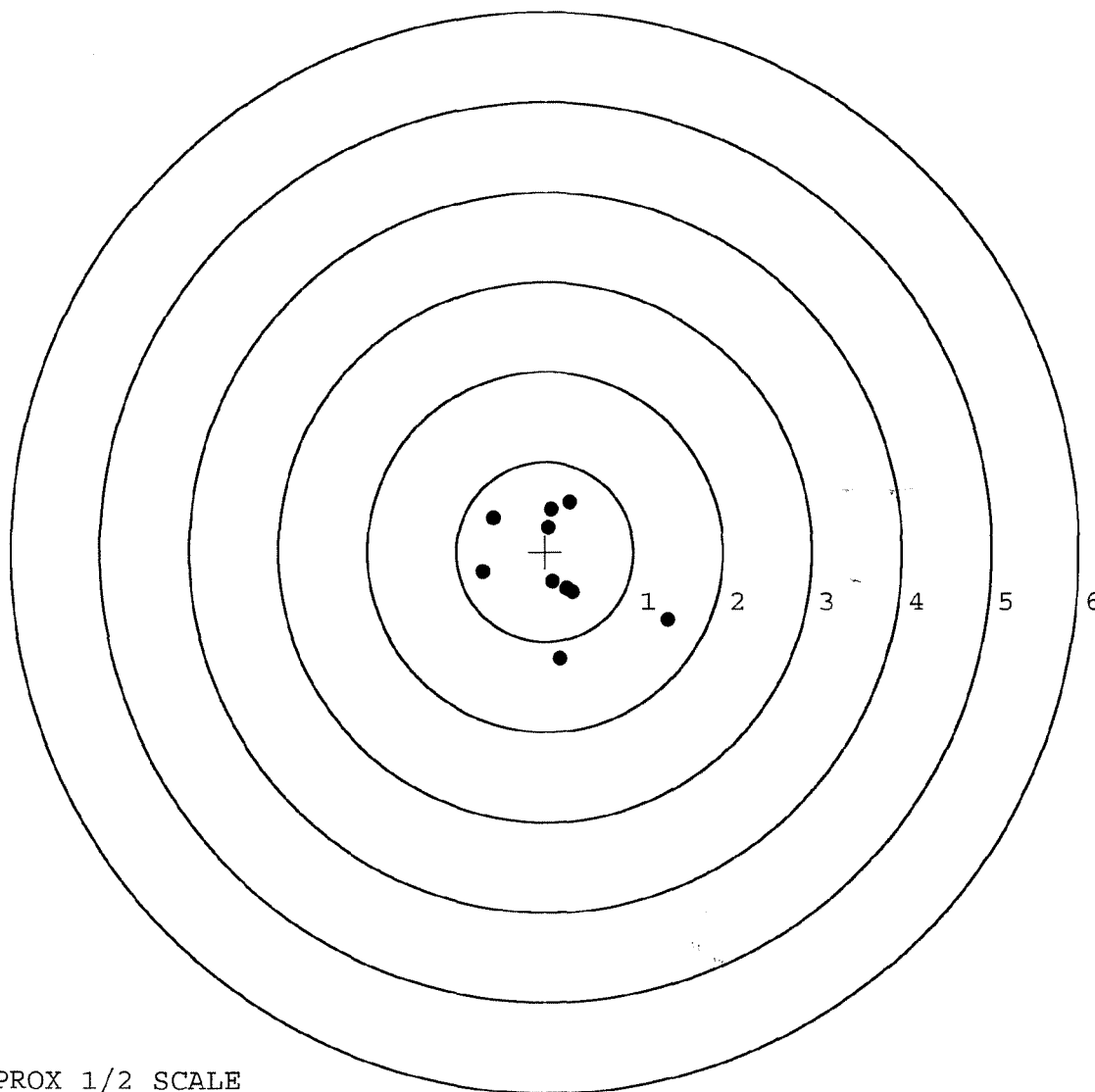
MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.276	0.555
2:	0.061	0.467
3:	0.028	0.273
4:	-0.589	0.379
5:	-0.701	-0.221
6:	0.082	-0.338
7:	0.307	-0.448
8:	0.172	-1.196
9:	1.386	-0.765
10:	0.244	-0.409



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461615. 0

TARGET NUMBER: 5

FILE DATE: 09/16/2005

FILE TIME: 09:32

X CENTROID: 0.182

Y CENTROID: 0.464

POA TO CENTROID: 0.499

HORZ SPREAD: 1.106

VERT SPREAD: 2.532

GROUP SPREAD: 2.532

MIN RADIUS: 0.173

MAX RADIUS: 1.474

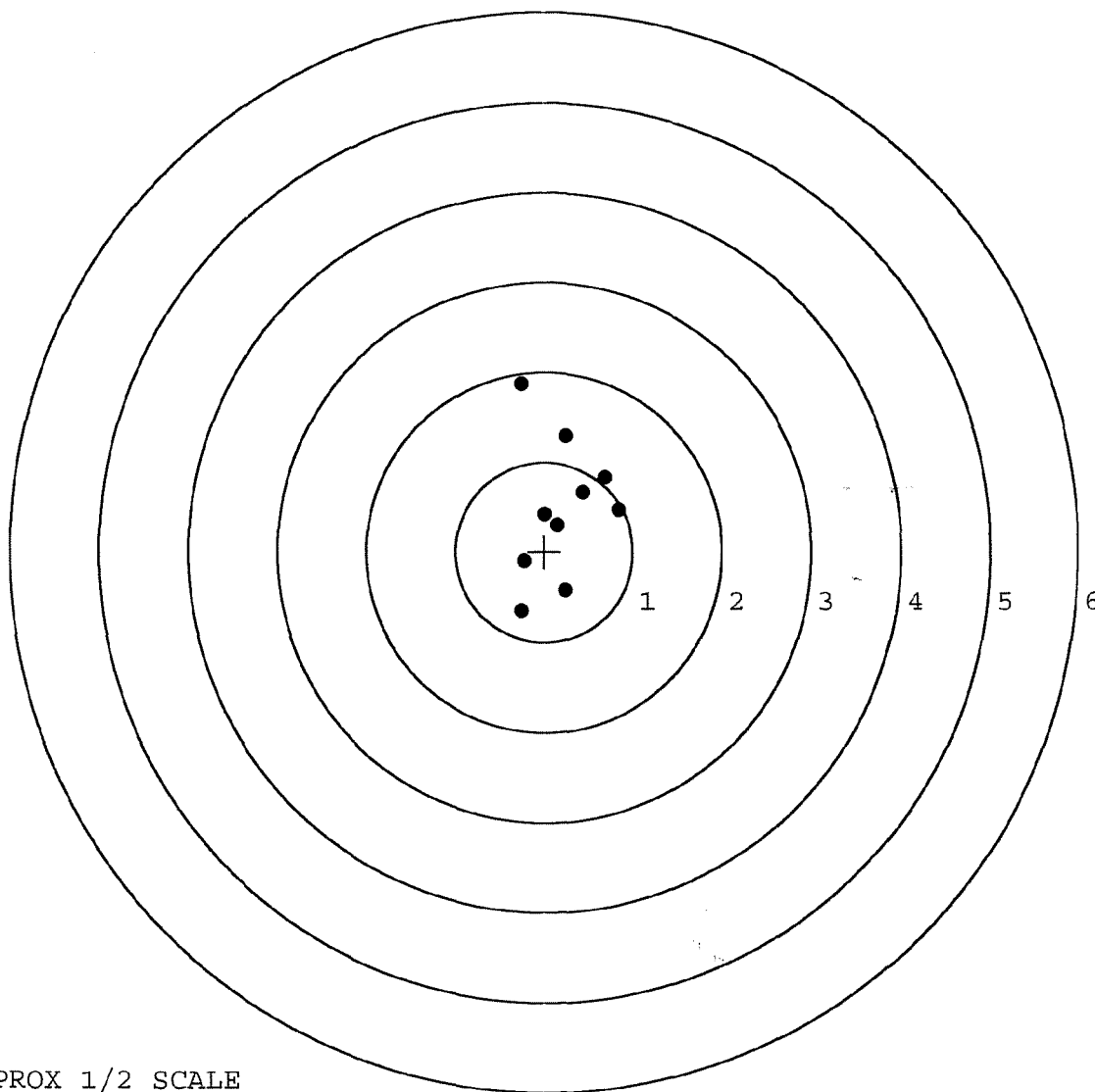
MEAN RADIUS: 0.709

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.681	0.830
2:	0.438	0.666
3:	0.002	0.419
4:	0.143	0.296
5:	-0.233	-0.111
6:	-0.266	-0.662
7:	0.238	-0.431
8:	0.840	0.467
9:	0.243	1.300
10:	-0.262	1.870



TARGET APPROX 1/2 SCALE

11564807

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG			PAGE NO		NO OF PAGES		REQUIREMENT CONTROL SYMBOL CSGLD-1047(R7)		
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA				
a. UIC CUSTOMER 126581P		1b. CUSTOMER UNIT NAME C 2-29		1c. PHONE NO 575-8256		3a. WORK ORDER NUMBER (WON) 11564807		3b. SHOP W	
3c. PHONE NO 4-2823		1a. SAMS-2 UIC/SAMS-I/IDA		2b. UTILIZATION CODE 0		2c. MCSR		4a. UIC SUPPORT UNIT W16CIR017	
						4b. SUPPORT UNIT NAME ITT			
SECTION III - EQUIPMENT DATA									
1. TYPE MNT REQ CODE 1		6. ID A		7. NSN 100510124021316		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751 D			
8. MODEL M24		9. NOUN Sapper R-File		10a. ORG WON/DOC NO		10b. EIC		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751 099	
11. SERIAL NUMBER E6413496		12. QTY 1		13. PD 0.3		17. PROJECT CODE (if assigned) 50P		18. ACCOUNT PROCESSING CODE M19111M	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) Repair as Needed						19. IN WARRANTY (enter Y or N) N		20. ADMIN NO	
						21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N) Y			
						22. LEVEL OF WORK F		23. SIGNATURE	
14. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Fires while on safe									
25. REMARKS SERIAL E6413496 Poc Sgt Phillips 575-8526 NO Scopes									
26. TECHNICAL REFERENCES									

SECTION IV - TASK REQUIREMENTS DATA									
27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP	

SECTION V - PART REQUIREMENTS											
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$			28o. TOTAL PARTS COSTS \$					

SECTION VI - COMPLETION DATA				
29. QTY RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME

SECTION VII - ACTION SIGNATURES											
34a. SUBMITTED BY Ph. Phillips		35a. ACCEPTED BY [Signature]		35c. DATE 05228		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY	
34b. DATE 05228	35b. STATUS A	35d. TIME 0940	36b. STATUS	36c. DATE	36d. TIME	37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME

DA FORM 2407, JUL 94

NMP COPY 2

BARBER - M24 0153755

 AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO.

DATE

7-12-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.83		2.74	
PULL #2	2.57	2.96		2.70	
PULL #3	2.62	2.52		2.10	
PULL #4	2.77	2.43		2.71	
PULL #5	2.91	2.38		2.71	
TOTAL	13.41	13.12		13.56	
AVERAGE	2.68	2.62		2.71	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.26		
PULL #2	3.18	3.38		
PULL #3	3.16	2.97		
PULL #4	3.43	3.08		
PULL #5	3.32	3.14		
TOTAL	16.23	15.83		
AVERAGE	3.24	3.16		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.51	4.03		4.17
PULL #2	4.08	4.20		4.77
PULL #3	4.13	3.79		4.27
PULL #4	4.41	4.40		4.27
PULL #5	4.37	3.76		4.08
TOTAL	21.50	20.18		21.56
AVERAGE	4.30	4.03		4.31

M-24 INSPECTION CHECKLIST
 CONTRACT #: BAAE-20-02-D-0127

R & E NUMBER	100194		
SERIAL NUMBER	E60413496 (606461615) (New)		
LOG-IN DATE	8-26-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-29-05	RTL
560 A	RE-BARREL	8-29-05	RTL
B	DRILL AND TAP	8-30-05	TRW
575	ASSEMBLE	8-30-05	RTL
600	PROOF	8-29-05	TRW
605	CHECK HEADSPACE	8-29-05	RTL
610	DIS-ASSEMBLE GUN	8-30-05	RTL
612	MAGNAFLUX	8-30-05	CW
615	ROLLMARK CALIBER	8-30-05	LB
618	ROTO-BLAST	9-10-05	WJ
620	APPLY COATINGS	9-14-05	RTL
625 A	FINAL ASSEMBLY	9-21-05	Ac
B	TRIGGER PULL TEST	9-21-05	Ac
C	SAFETY "ON" FORCE	9-21-05	Ac
D	SAFETY "OFF" FORCE	9-21-05	Ac
E	FIRING PIN INDENT	9-21-05	Ac
640	TARGET	9-16-05	TRW
655	FINAL INSPECT	9-21-05	Ac
660	PACK	9-22-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00028681** Serial: C6413496 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 6/18/01 1:07:17 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DFEL STORAGE SECTION** **DFEL STORAGE SECTION**

Address 1: **BLDG 490** **BLDG 490**

Address 2: PO Box: PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FEL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A008	With Swivel	1
A010	Hard Case	1
A026	Scope	1

Repair Search Refresh Close

6/18/01 2:33 PM CAPS NUM INS SCFL

Start Inb Ar Mi Am Par Fre La SA 2:33 PM

Serial Number:

C6413496Model: **700****RE00028681**

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413496
9 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0744
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.087
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .114474

THE AMR FOR THIS RIFLE IS: 1.081

CENTROIDAL DISTANCES

0 TO	1	.338733
1 TO	2	.405031
1 TO	3	.404949
1 TO	4	.264464
1 TO	5	.44062

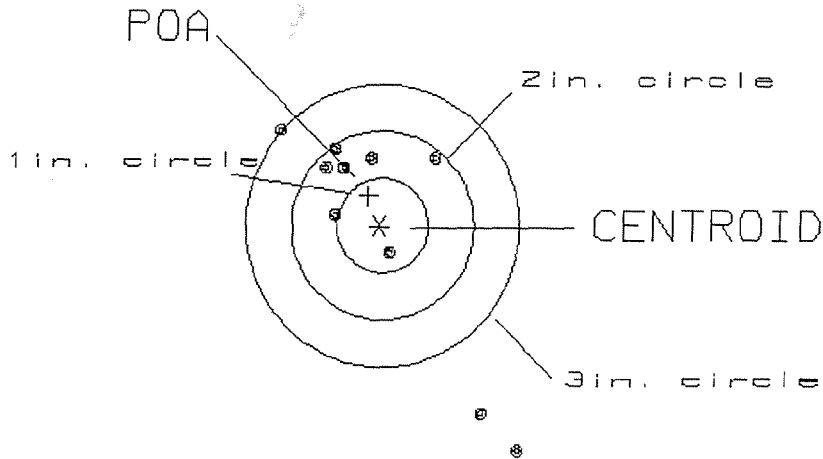
3²
4 5<----POA
1

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .339
 MIN RADIUS : .328
 MEAN RADIUS : 1.170
 MAX RADIUS : 2.793
 CENTROID X : .122
 CENTROID Y : -.316

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413496

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.65
 VS= 3.35
 GS= 4.27

1
 6
 7

REMINGTON CENTERFIRE ACCURACY TEST

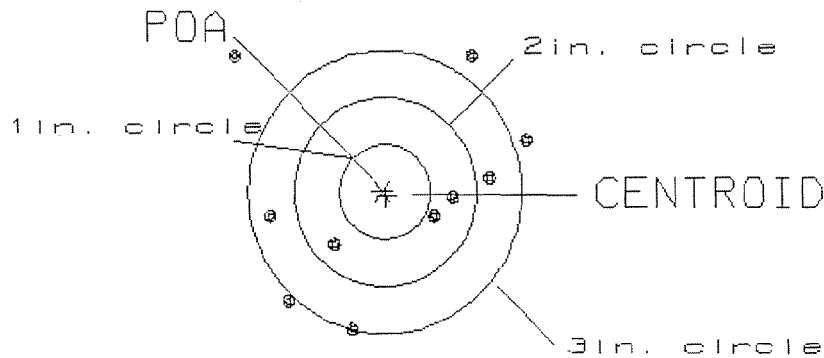
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
 POA TO CENTROID: .069
 MIN RADIUS : .573
 MEAN RADIUS : 1.309
 MAX RADIUS : 2.190
 CENTROID X : -.045
 CENTROID Y : .053

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6413496

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.16

0

VS= 2.91

3

GS= 3.31

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

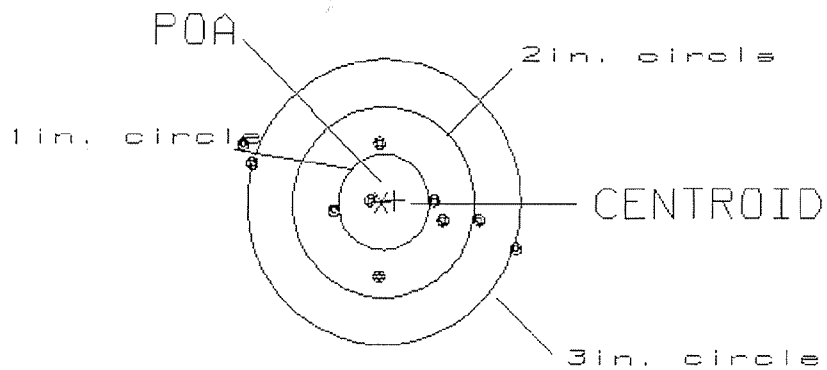
PATTERN #: 3

POA TO CENTROID: .151
 MIN RADIUS : .148
 MEAN RADIUS : .925
 MAX RADIUS : 1.691
 CENTROID X : -.150
 CENTROID Y : -.016

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413496

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.07

1

VS= 1.37

6

GS= 3.28

7

REMINGTON CENTERFIRE ACCURACY TEST

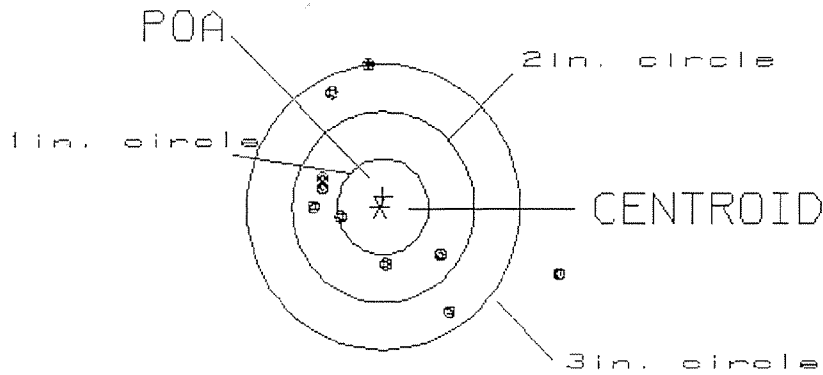
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .106
 MIN RADIUS : .468
 MEAN RADIUS : 1.031
 MAX RADIUS : 2.055
 CENTROID X : -.032
 CENTROID Y : -.101

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413496

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.72

1

VS= 2.54

6

GS= 3.11

9

REMINGTON CENTERFIRE ACCURACY TEST

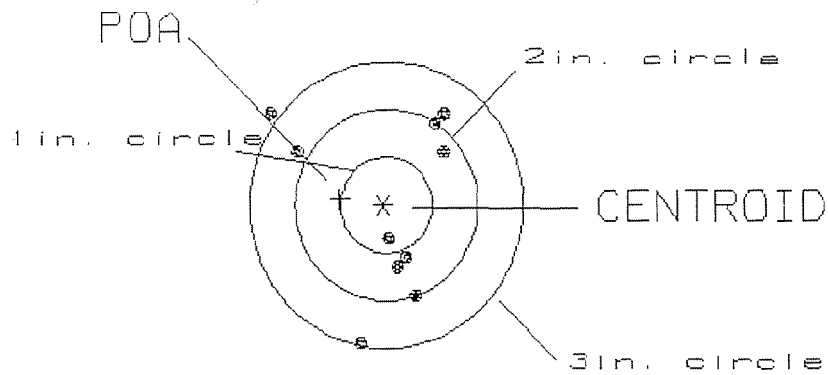
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 050
 POA TO CENTROID: .480
 MIN RADIUS : .338
 MEAN RADIUS : .969
 MAX RADIUS : 1.573
 CENTROID X : .477
 CENTROID Y : -.055

9 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/ef6413496

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.91
 VS= 2.39
 GS= 2.56

1
 5
 9