

C6349023

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00129147

Serial: C6349023 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status: New 5/9/2007 11:44:15 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: TRANSPORTATION OFFICER TRANSPORTATION OFFICER

Address 1: BLDG 49015 CRSP UPSTAIRS BLDG 49015 CRSP UPSTAIRS

Address 2: SANTA FE AVE PO Box: SANTA FE AVE PO Box:

City: FORT HOOD FORT HOOD

State: TX Zip Code: 76544 Country: US State: TX Zip Code: 76544 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
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

5/10/2007

11:27 AM

CAPS

NUM

INS

SCRL



2 Mi...

5 In...

2 Mi...

SAP L...

Part ...

Arms ...



11:27 AM

Serial Number: C6349023

Model: M24 SWS



RE00129147

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349023.___0
FILE DATE AND TIME: 06/05/2007 15:05

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.715
The Distance from POA to Centroid Target #1:	0.014
The Distance from Centroid Target #2 to Centroid Target #1:	0.045
The Distance from Centroid Target #3 to Centroid Target #1:	0.033
The Distance from Centroid Target #4 to Centroid Target #1:	0.117
The Distance from Centroid Target #5 to Centroid Target #1:	0.087

SERIAL NUMBER: C6349023.___0

TARGET NUMBER: 1

FILE DATE: 06/05/2007

FILE TIME: 15:05

POINT#	X	Y
1:	-0.406	0.334
2:	-0.547	0.122
3:	-0.601	-0.043
4:	-0.440	-0.114
5:	-0.102	-0.305
6:	-0.355	-0.659
7:	0.286	0.228
8:	0.547	0.543
9:	1.081	0.433
10:	0.646	-0.620

X CENTROID: 0.011

Y CENTROID: -0.008

POA TO CENTROID: 0.014

HORZ SPREAD: 1.682

VERT SPREAD: 1.202

GROUP SPREAD: 1.804

MIN RADIUS: 0.318

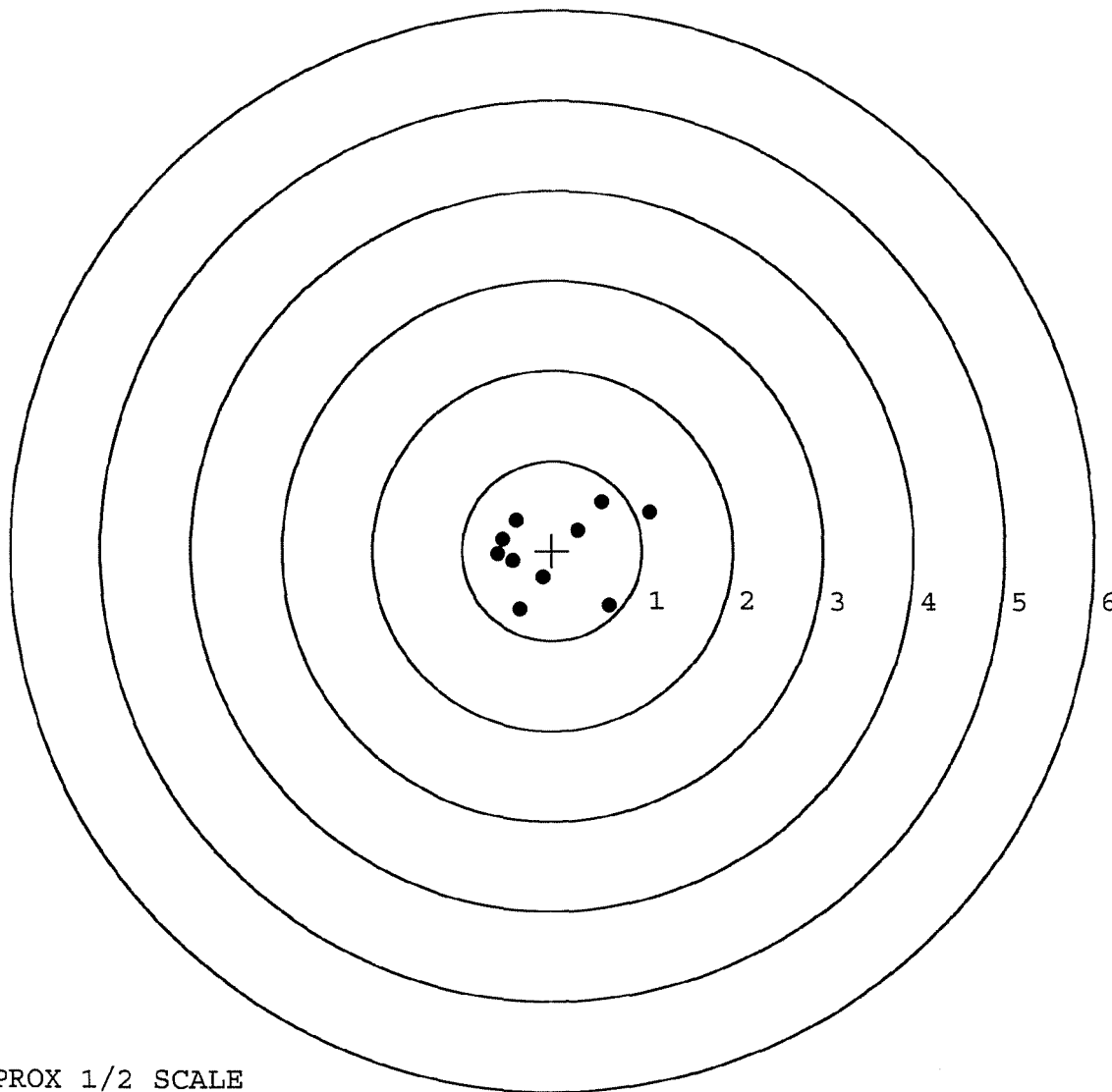
MAX RADIUS: 1.157

MEAN RADIUS: 0.642

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023. __0

TARGET NUMBER: 2

FILE DATE: 06/05/2007

FILE TIME: 15:05

POINT#	X	Y
1:	0.344	0.447
2:	0.539	0.145
3:	0.813	-0.126
4:	0.099	-0.073
5:	0.247	-0.524
6:	0.013	-0.441
7:	-1.205	0.017
8:	-0.844	-0.322
9:	-0.555	0.226
10:	0.414	0.188

X CENTROID: -0.014

Y CENTROID: -0.046

POA TO CENTROID: 0.048

HORZ SPREAD: 2.018

VERT SPREAD: 0.971

GROUP SPREAD: 2.023

MIN RADIUS: 0.116

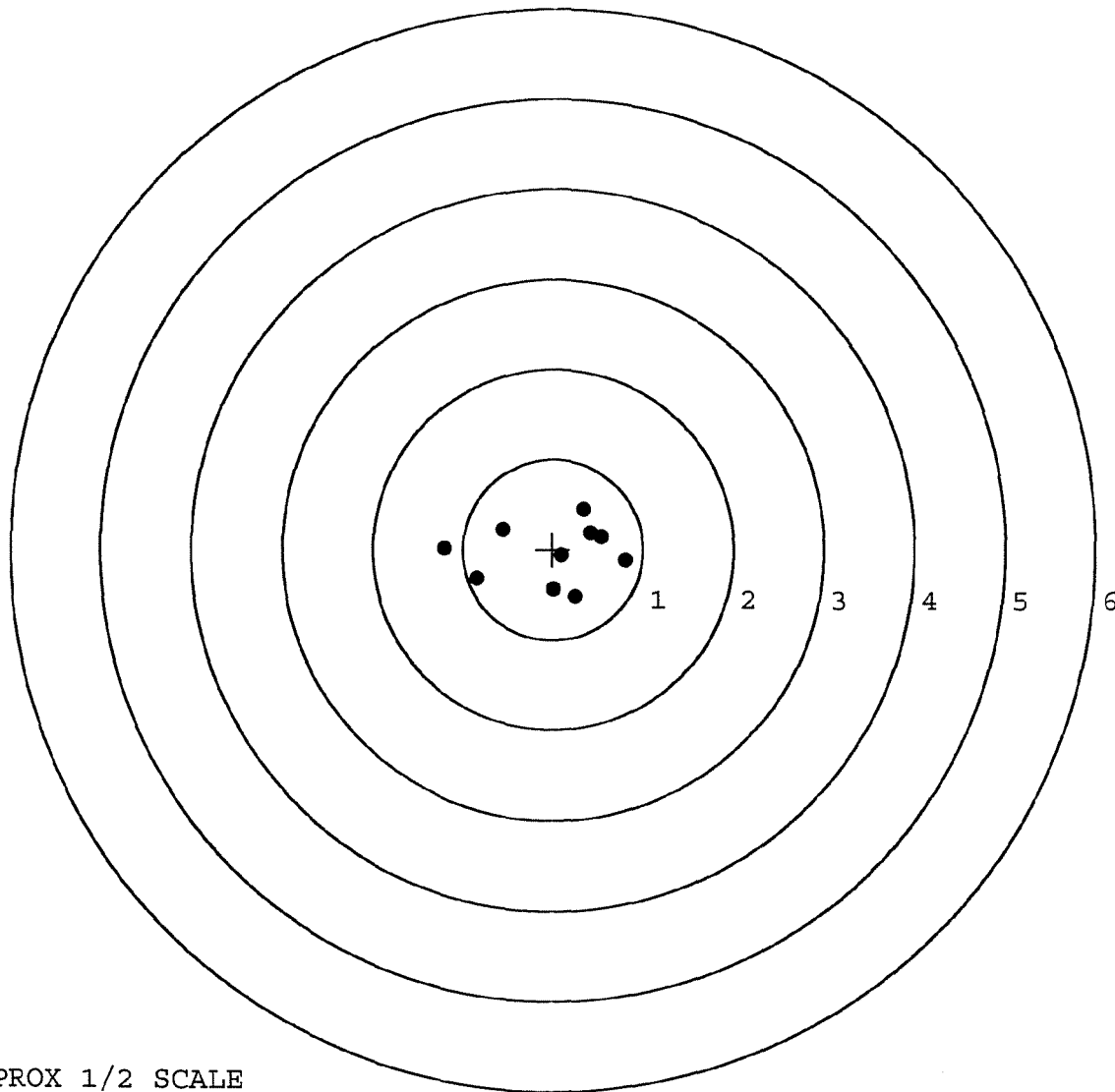
MAX RADIUS: 1.193

MEAN RADIUS: 0.624

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

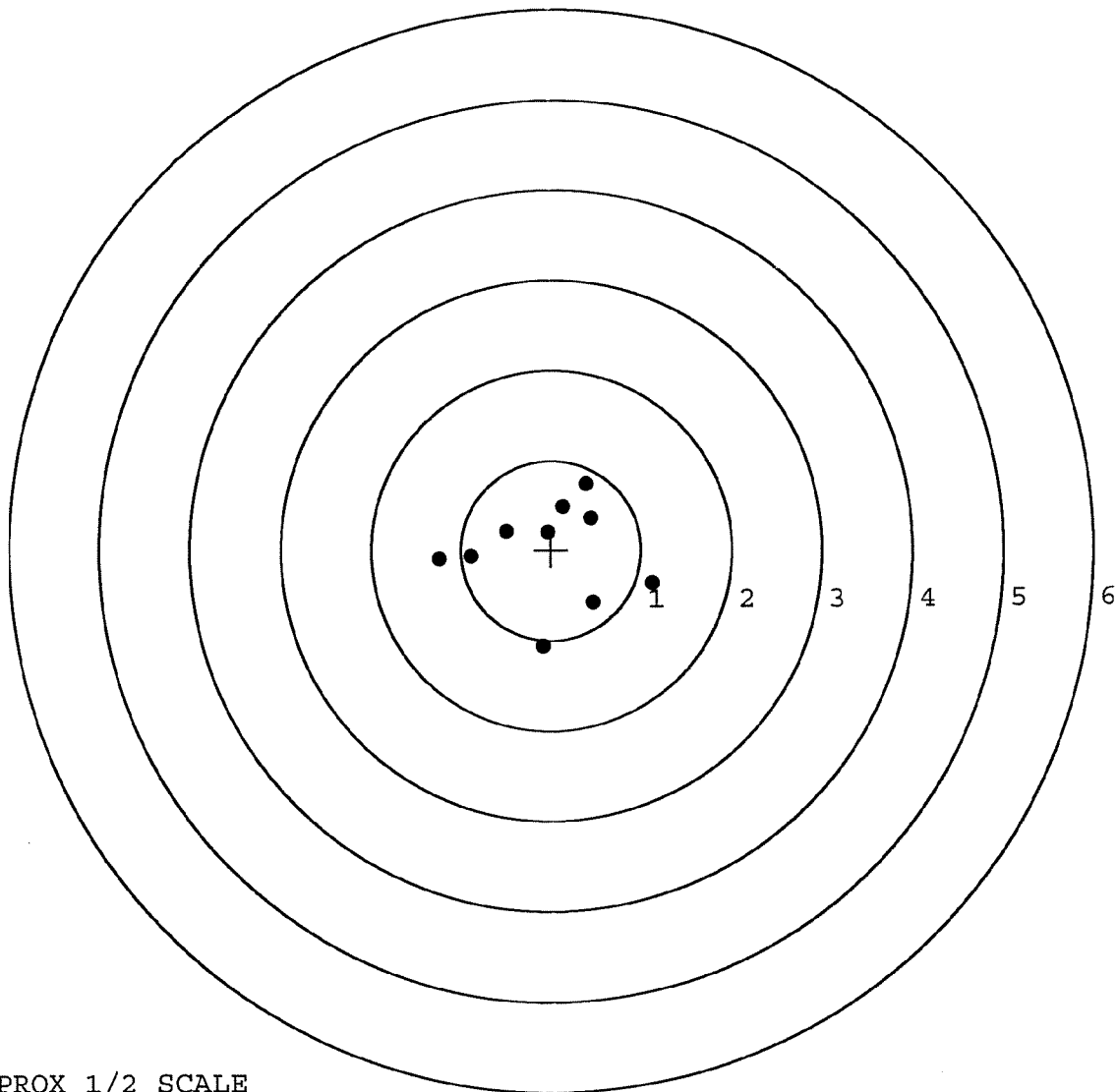


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023. __0
TARGET NUMBER: 3
FILE DATE: 06/05/2007
FILE TIME: 15:05

X CENTROID: -0.018
Y CENTROID: -0.024
POA TO CENTROID: 0.030
HORZ SPREAD: 2.364
VERT SPREAD: 1.805
GROUP SPREAD: 2.382
MIN RADIUS: 0.219
MAX RADIUS: 1.224
MEAN RADIUS: 0.784
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.396	0.738
2:	0.447	0.350
3:	0.139	0.482
4:	-0.039	0.195
5:	-0.495	0.212
6:	-0.893	-0.070
7:	-1.240	-0.096
8:	-0.095	-1.067
9:	0.472	-0.593
10:	1.124	-0.386

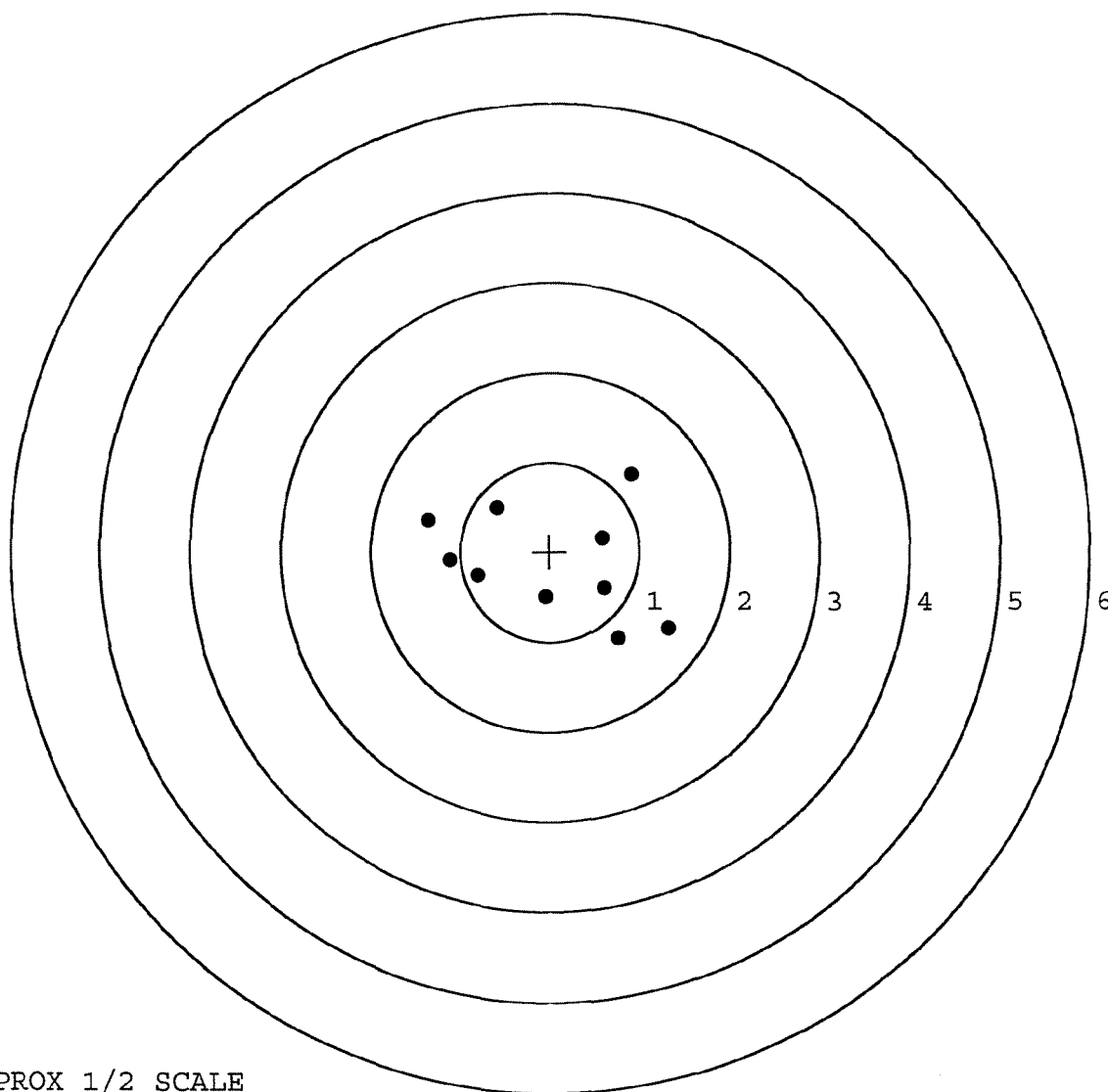


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023. __0
TARGET NUMBER: 4
FILE DATE: 06/05/2007
FILE TIME: 15:05

POINT#	X	Y
1:	1.319	-0.855
2:	0.766	-0.962
3:	0.609	-0.410
4:	0.581	0.156
5:	0.908	0.860
6:	-0.051	-0.513
7:	-0.806	-0.267
8:	-1.114	-0.098
9:	-0.591	0.494
10:	-1.363	0.356

X CENTROID: 0.026
Y CENTROID: -0.124
POA TO CENTROID: 0.127
HORZ SPREAD: 2.682
VERT SPREAD: 1.822
GROUP SPREAD: 2.943
MIN RADIUS: 0.397
MAX RADIUS: 1.486
MEAN RADIUS: 0.992
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023. __0

TARGET NUMBER: 5

FILE DATE: 06/05/2007

FILE TIME: 15:05

POINT#	X	Y
1:	1.084	0.375
2:	1.172	-0.066
3:	0.372	-0.180
4:	-0.117	-0.438
5:	0.071	-0.020
6:	-0.488	-0.166
7:	-0.566	0.377
8:	-0.169	0.215
9:	-0.336	0.033
10:	-0.067	-0.001

X CENTROID: 0.096

Y CENTROID: 0.013

POA TO CENTROID: 0.096

HORZ SPREAD: 1.738

VERT SPREAD: 0.815

GROUP SPREAD: 1.794

MIN RADIUS: 0.041

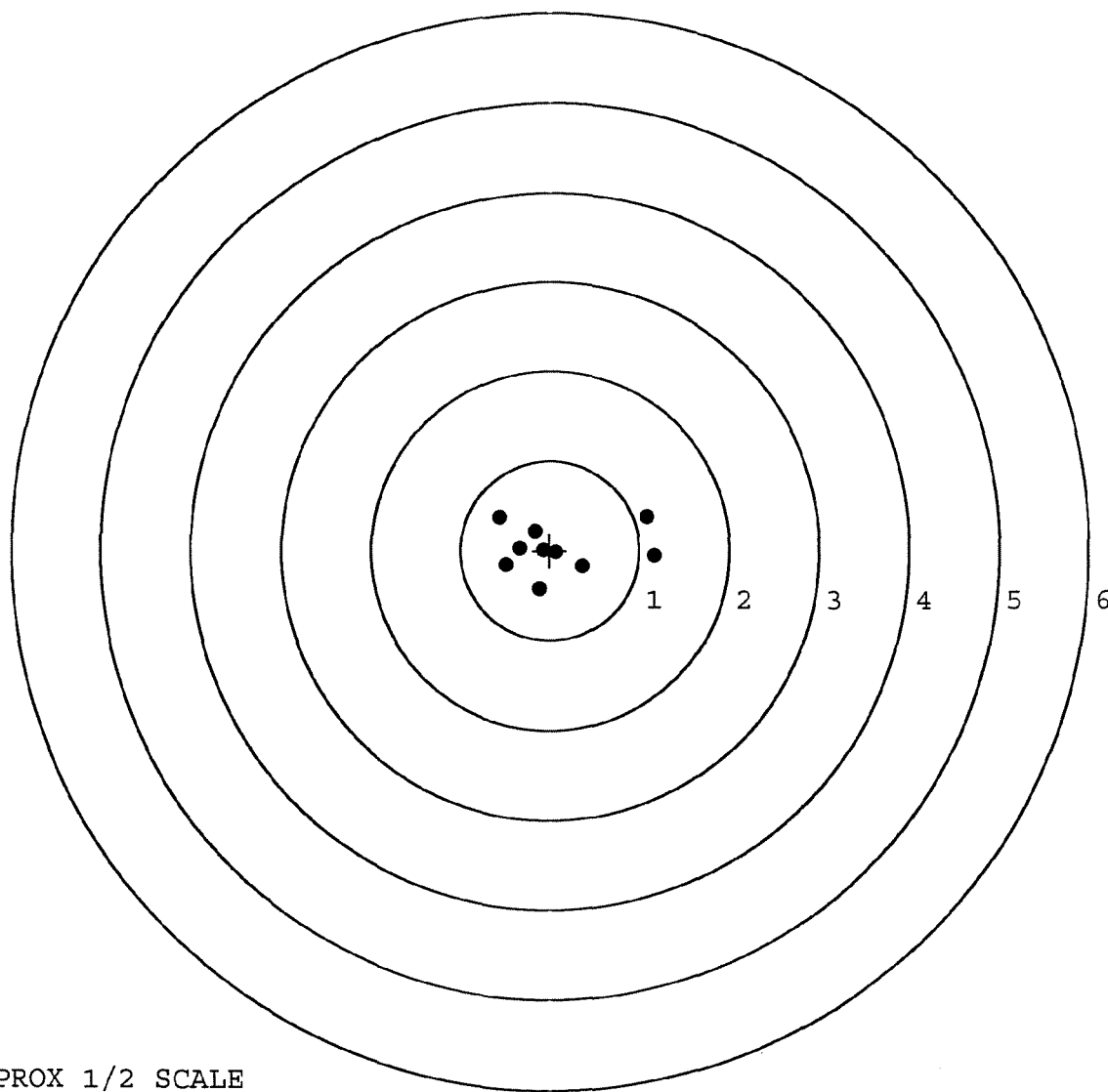
MAX RADIUS: 1.079

MEAN RADIUS: 0.530

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER		129147	
SERIAL NUMBER		C6349023	
LOG-IN DATE		5-9-07	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-22-07	RTZ
505	RE-BARREL	5-22-07	RTZ
560	ASSEMBLE	5-23-07	RTZ
600	PROOF	5-25-07	TRW
605	CHECK HEADSPACE	5-25-07	TRW
610	DIS-ASSEMBLE GUN	5-29-07	RTZ
612	MAGNAFLUX	5/29/07	unms
510	DRILL AND TAP	5-29-07	TRW
615	ROLLMARK CALIBER	5-29-07	CW
618	ROTO-BLAST	5-29-07	UB
620	APPLY COATINGS	5/30/07	WJ
625	FINAL ASSEMBLY	6-4-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-5-07 FM
650	TARGET	PASS FAIL	6-5-07 FM
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION NA	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	6-5-07 TRW
670	FINAL INSPECTION		6-7-07 RTZ
	A) HEADSPACE	PASS FAIL	6-7-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.57 2.49 2.55 2.52 2.48 6-6-07 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.0 6.0 6.0 6-6-07 RA
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.0 2.0 6-6-07 RA
	I) FIRING PIN INDENT	.020	1.023 1.023 1.023 6-6-07 RA
690	PACK		6-7-07 RA

Repair Inquiry

Repair Number: RE00129145

Serial: C6587689 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Status: New 5/9/2007 11:30:22 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: BLDG 49015 CRSP UPSTAIRS

BLDG 49015 CRSP UPSTAIRS

Address 2: SANTA FE AVE

PO Box:

SANTA FE AVE

PO Box:

City: FORT HOOD

FORT HOOD

State: TX

Zip Code: 76544

Country: US

State: TX

Zip Code: 76544

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
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

naglej

5/10/2007

11:26 AM

CAPS

NUM

INS

SCRL



2 Mi...

5 In...

2 Mi...

SAP L...

Part ...

Arms ...

11:26 AM

Serial Number: C6587689

Model: M24 SWS



RE00129145

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587689.__0

FILE DATE AND TIME: 06/05/2007 15:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	0.614
The Distance from POA to Centroid Target #1:	0.058
The Distance from Centroid Target #2 to Centroid Target #1:	0.152
The Distance from Centroid Target #3 to Centroid Target #1:	0.191
The Distance from Centroid Target #4 to Centroid Target #1:	0.080
The Distance from Centroid Target #5 to Centroid Target #1:	0.117

SERIAL NUMBER: C6587689. __0

TARGET NUMBER: 1

FILE DATE: 06/05/2007

FILE TIME: 15:08

POINT#	X	Y
1:	-0.051	0.793
2:	-0.453	0.695
3:	-0.447	0.420
4:	-0.365	-0.004
5:	-0.029	-0.004
6:	-0.271	-0.510
7:	0.115	-0.952
8:	0.374	-0.318
9:	0.326	0.003
10:	0.352	0.238

X CENTROID: -0.045

Y CENTROID: 0.036

POA TO CENTROID: 0.058

HORZ SPREAD: 0.827

VERT SPREAD: 1.745

GROUP SPREAD: 1.753

MIN RADIUS: 0.043

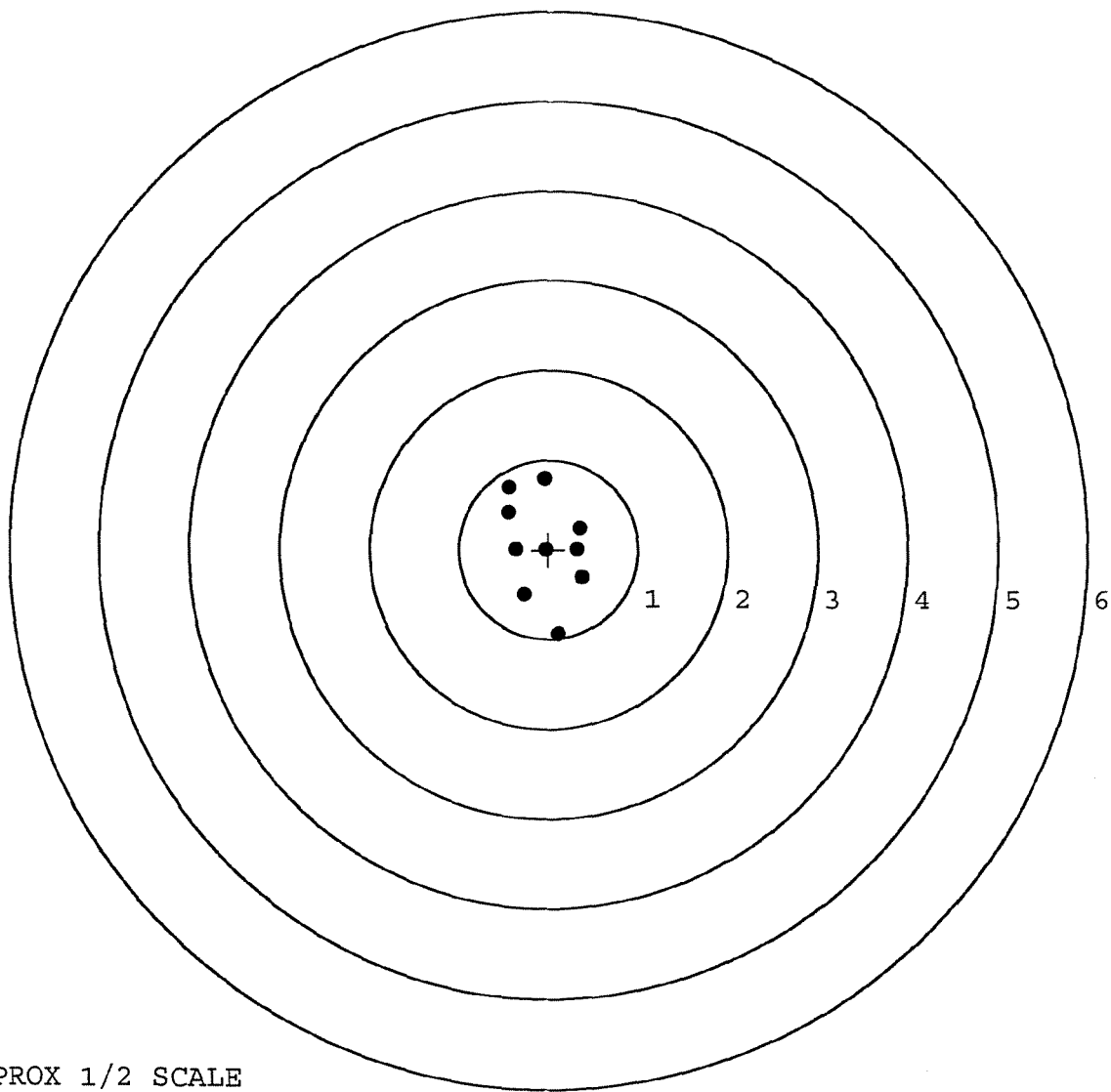
MAX RADIUS: 1.001

MEAN RADIUS: 0.541

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

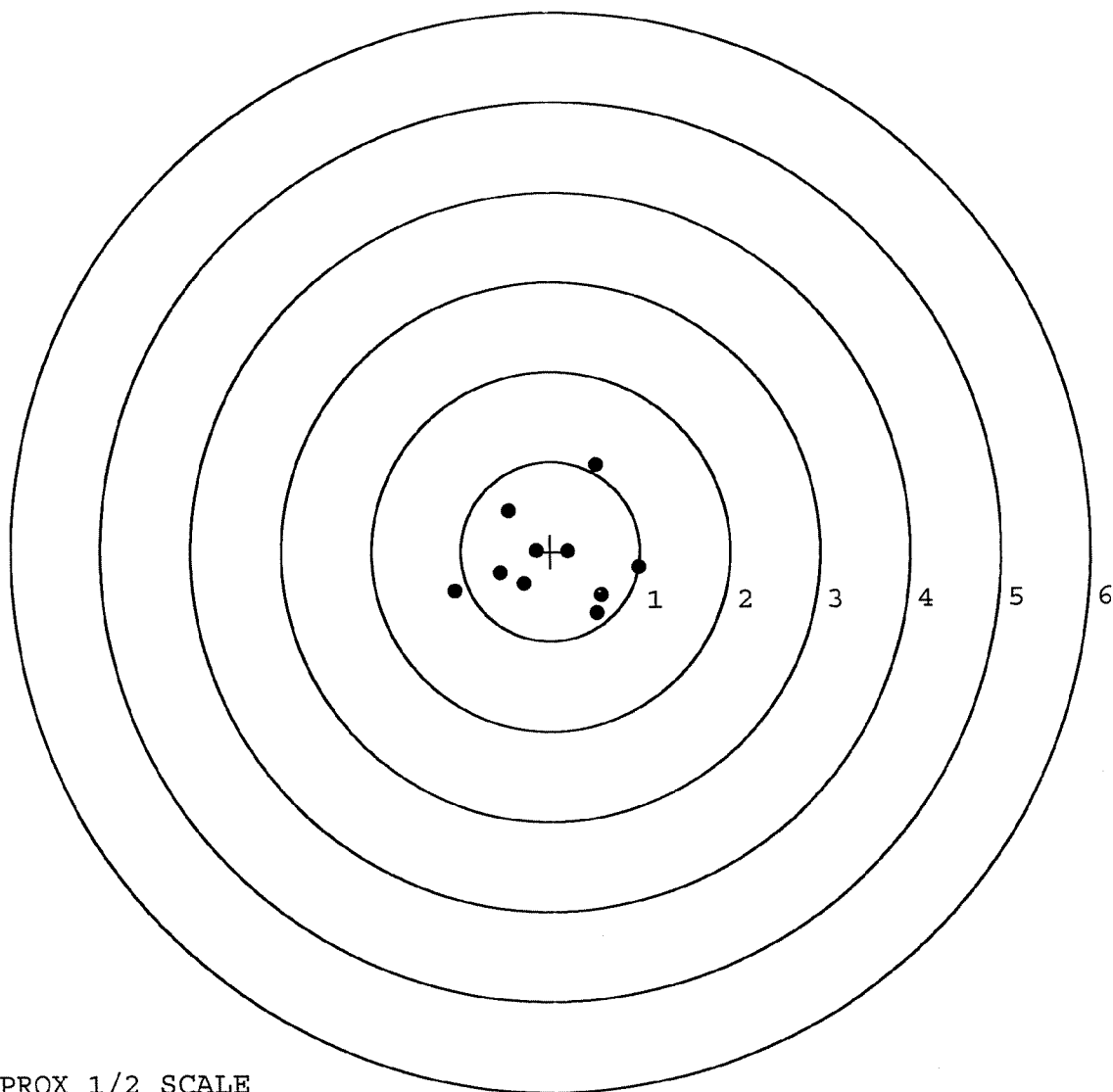


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587689. __0
TARGET NUMBER: 2
FILE DATE: 06/05/2007
FILE TIME: 15:08

POINT#	X	Y
1:	0.514	0.961
2:	-0.461	0.458
3:	0.199	0.004
4:	-0.159	0.007
5:	-0.296	-0.363
6:	-0.560	-0.238
7:	-1.070	-0.435
8:	0.518	-0.700
9:	0.570	-0.496
10:	0.981	-0.190

X CENTROID: 0.024
Y CENTROID: -0.099
POA TO CENTROID: 0.102
HORZ SPREAD: 2.051
VERT SPREAD: 1.661
GROUP SPREAD: 2.111
MIN RADIUS: 0.204
MAX RADIUS: 1.168
MEAN RADIUS: 0.689
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587689. __0

TARGET NUMBER: 3

FILE DATE: 06/05/2007

FILE TIME: 15:08

POINT#	X	Y
1:	0.014	-0.601
2:	0.260	-0.462
3:	0.595	-0.344
4:	-0.540	-0.179
5:	0.285	-0.239
6:	-0.070	-0.068
7:	0.250	0.354
8:	0.029	0.178
9:	-0.389	0.324
10:	0.241	-0.150

X CENTROID: 0.068

Y CENTROID: -0.119

POA TO CENTROID: 0.137

HORZ SPREAD: 1.135

VERT SPREAD: 0.955

GROUP SPREAD: 1.189

MIN RADIUS: 0.147

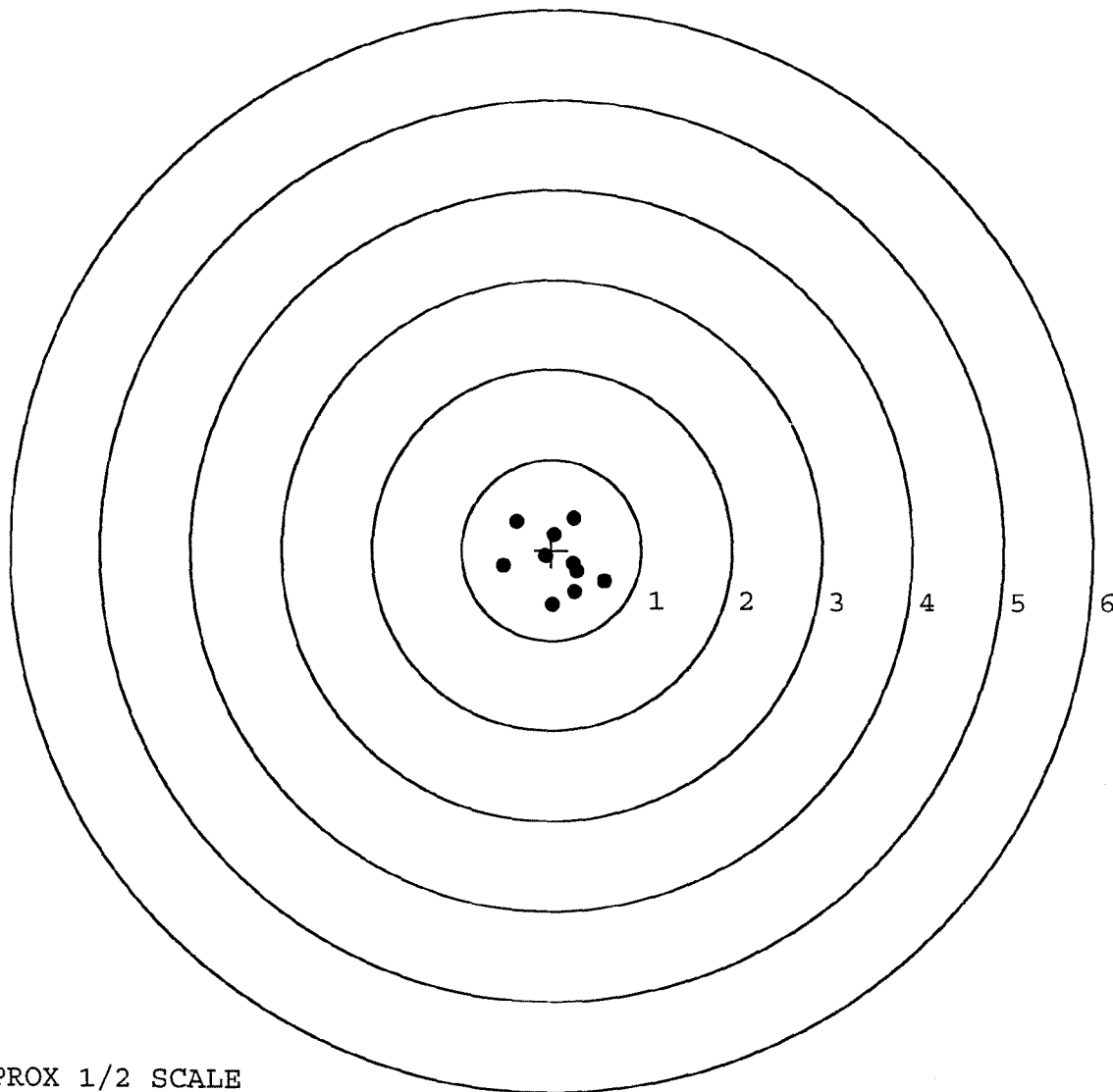
MAX RADIUS: 0.636

MEAN RADIUS: 0.408

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587689. __0

TARGET NUMBER: 4

FILE DATE: 06/05/2007

FILE TIME: 15:08

POINT#	X	Y
1:	-0.720	-0.232
2:	-0.811	-0.524
3:	-0.076	-0.715
4:	-0.217	-0.458
5:	0.717	-0.166
6:	-0.219	0.661
7:	0.279	0.463
8:	0.318	0.257
9:	0.041	0.165
10:	0.197	0.111

X CENTROID: -0.049

Y CENTROID: -0.044

POA TO CENTROID: 0.066

HORZ SPREAD: 1.528

VERT SPREAD: 1.376

GROUP SPREAD: 1.569

MIN RADIUS: 0.227

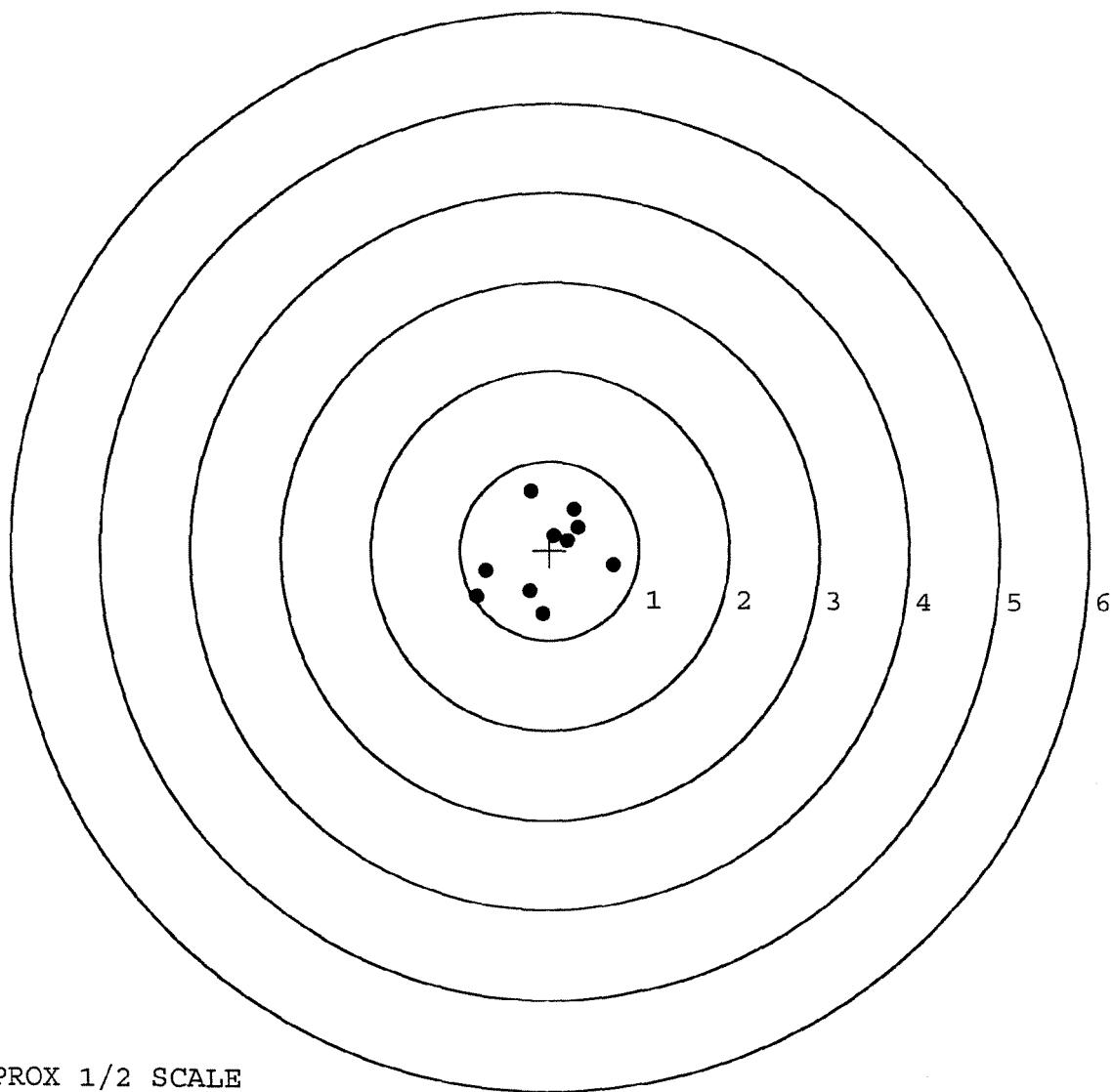
MAX RADIUS: 0.901

MEAN RADIUS: 0.581

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587689. __0

TARGET NUMBER: 5

FILE DATE: 06/05/2007

FILE TIME: 15:08

POINT#	X	Y
1:	0.970	-0.697
2:	0.087	-0.642
3:	0.239	-0.153
4:	0.295	0.048
5:	0.723	0.262
6:	0.194	0.483
7:	-0.384	0.637
8:	-0.894	-0.287
9:	-1.308	0.439
10:	-1.256	1.043

X CENTROID: -0.133

Y CENTROID: 0.113

POA TO CENTROID: 0.175

HORZ SPREAD: 2.278

VERT SPREAD: 1.740

GROUP SPREAD: 2.825

MIN RADIUS: 0.433

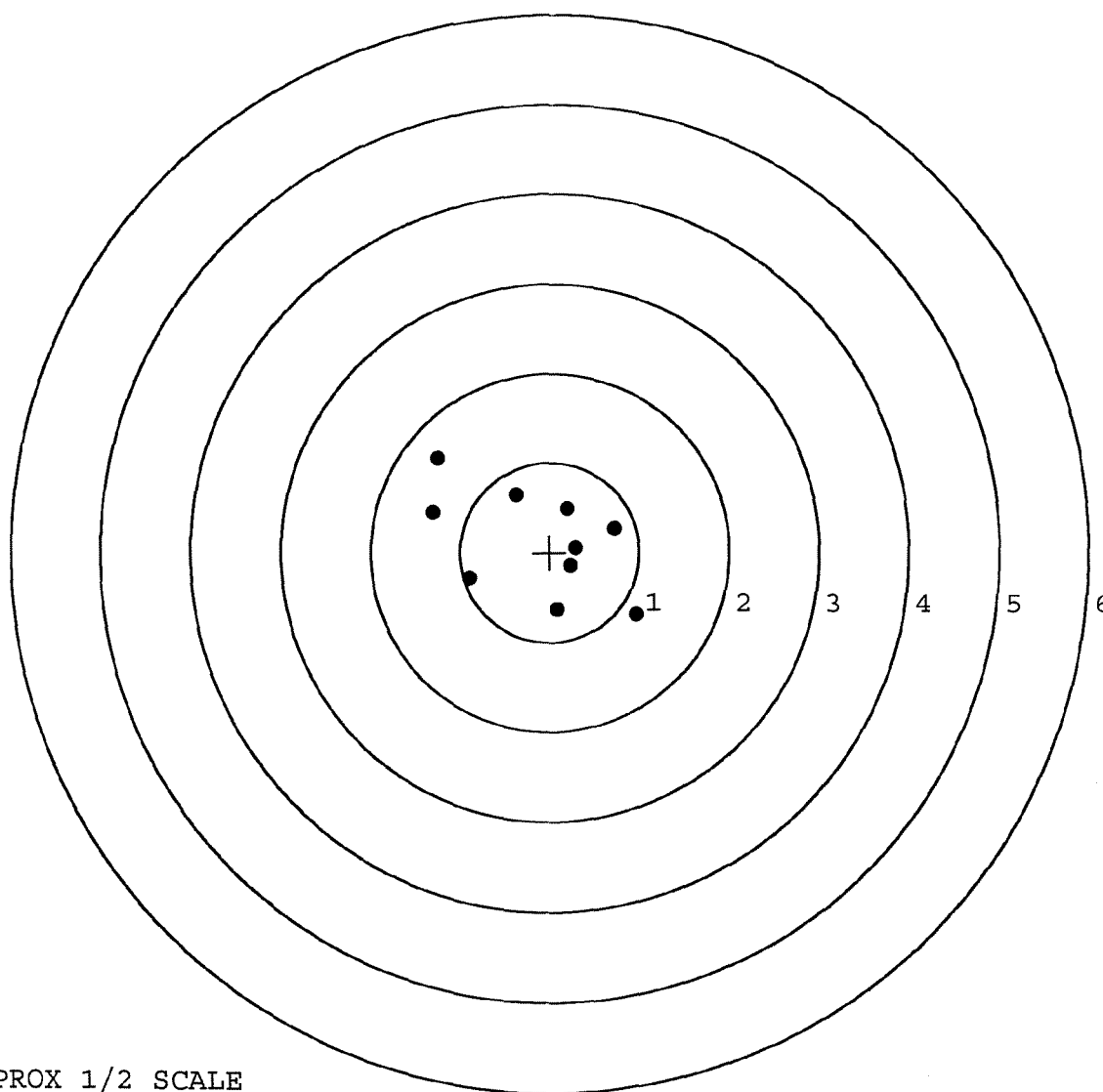
MAX RADIUS: 1.458

MEAN RADIUS: 0.853

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER <u>129145</u>			
SERIAL NUMBER <u>C6587689</u>			
LOG-IN DATE <u>5-9-07</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-22-07	RTZ
505	RE-BARREL	5-22-07	RTZ
560	ASSEMBLE	5-23-07	RTZ
600	PROOF	5-25-07	TRW
605	CHECK HEADSPACE	5-25-07	TRW
610	DIS-ASSEMBLE GUN	5-29-07	RTZ
612	MAGNAFLUX	5/29/07	unus
510	DRILL AND TAP	5-29-07	TRW
615	ROLLMARK CALIBER	5-29-07	CW
618	ROTO-BLAST	5-30-07	LB
620	APPLY COATINGS	5-30-07	WJ
625	FINAL ASSEMBLY	6-4-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-5-07
650	TARGET	PASS FAIL	6-5-07 Fm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION NA	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-7-07 RTZ
	A) HEADSPACE	PASS FAIL	6-7-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.75 2.77 2.79 2.85 2.83 6-6-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.0 4.0 4.0 6-6-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 6-6-07 DA
	I) FIRING PIN INDENT	.020	1023 1023 1023 6-6-07 DA
690	PACK		6-7-07 DA



MODEL 700TM **H24**

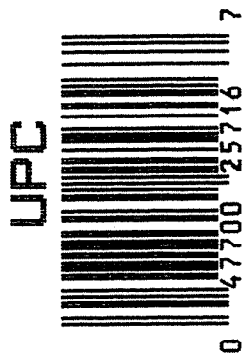
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.



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

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

SERIAL NO. C6349023	ORDER NO. 5716
-------------------------------	--------------------------



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349023

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 31	90	RW
600	Proof	3 31	90	RW
607	Check Headspace	3 31	90	RW
610	Dis-assemble Gun	3 31	90	RW
612	Magnaflux Barrel Action	4-2-90		KCR
	Magnaflux Bolt	4-2-90		KCR
615	Rollmark Caliber	4-2-90		SL
617	Drill and Tap Sight Holes		4/4/90	FB
618	Polish Barrel RB		4/5/90	WB
620	Apply Coatings (Barrel Action)		4-9-90	SA
	Apply Coating (Bolt)			SA
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/90	RW
	C) Inspect Ejector Hole for Chamfer		4/18/90	RW
	D) Oil Firing Pin Ass'y		4/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/30/90	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/30/90	JA
	G) Safety Off Force	2	2	2			4/30/90	JA
	H) Trigger Pull Test & Retainability						4/30/90	JA
	I) Firing Pin Indent	.022	.022	.0225			4/30/90	JA
	J) Assemble Stock						5/1/90	RW
	K) Assemble Swivel Studs						5/8/90	WB
	L) Attach Front and Rear Sight Assemblies						5/1/90	RW
	M) Iron Sight Alignment						5/1/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/1/90	RW
	O) Attach Scope to Rifle						5/1/90	JA
	P) Detach & Attach Scope 20 Times						5/1/90	JA
640	Gallery Target & Test						5-3-90	AC
	A) Time						5-3-90	AC
	B) Malfunctions						5-3-90	AC
	C) Pierced Primers						5-3-90	AC
	D) Optical Clarity of Scope						5-3-90	AC
645	Inspect for Live Ammo						5-3-90	AC
655	Final Inspection						5/8/90	WB
	A) Headspace							
	B) Trigger Pull	2.33	2.31	2.34	2.40	2.36	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6-1990	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6349023

DATE 4/30/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.23	2.40	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.30	2.36	2.31	
PULL #3	2.35	2.19	2.35	2.34	
PULL #4	2.23	2.22	2.38	2.40	
PULL #5	2.25	2.27	2.38	2.36	
TOTAL	11.41	11.21	11.86		
AVG.	2.282	2.242	2.372		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.29		
PULL #2	3.30	3.22		
PULL #3	3.25	3.22		
PULL #4	3.20	3.44		
PULL #5	3.17	3.44		
TOTAL	16.22	16.61		
AVG.	3.244	3.322		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.49		4.39
PULL #2	4.52	4.47		4.45
PULL #3	4.49	4.53		4.16
PULL #4	4.47	4.46		4.24
PULL #5	4.47	4.52		4.28
TOTAL	22.34	22.47		21.52
AVG.	4.468	4.494		4.304

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349023
4 May 1990

CENTROIDAL DISTANCES

0 TO	1	.603314
1 TO	2	.29445
1 TO	3	.712475
1 TO	4	.288562
1 TO	5	.658246

$\frac{41}{3+2+5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .27
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1242
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .297196
THE AMR FOR THIS RIFLE IS: .9414

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349023

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.431

VS= 1.484

GS= 2.431

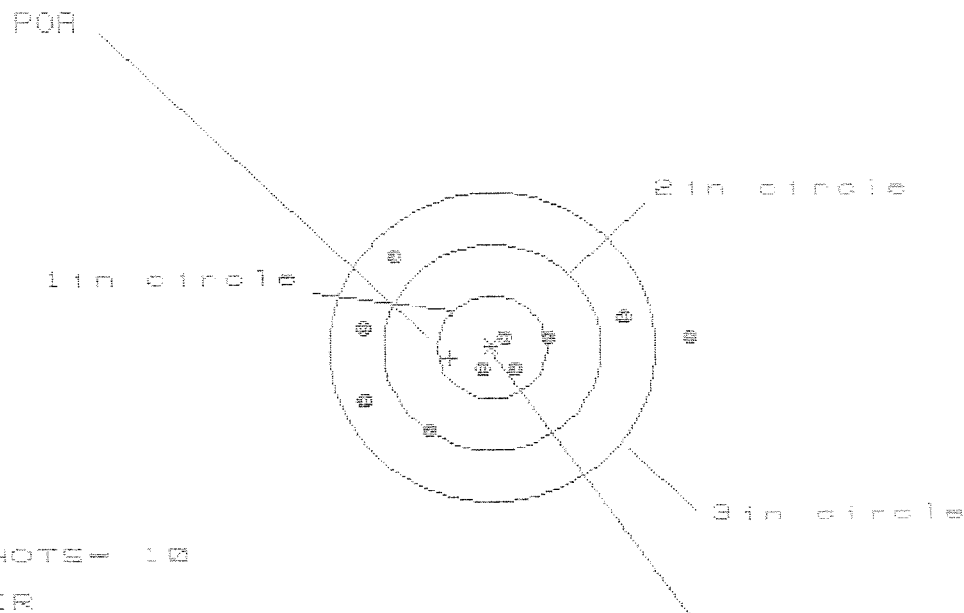
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.223	1.383	1.169
MINIMUM X	-1.288	-1.072	-1.743
MAXIMUM Y	.544	.683	.678
MINIMUM Y	-.860	-.801	-.734
CENTROID X	.462	.326	.468
CENTROID Y	.388	.329	.262
POA TO CENTROID in.	.603	.463	.529
MIN RADIUS	.496	.466	.370
MEAN RADIUS	.917	.857	.802
MAX RADIUS	1.332	1.314	1.192
HORIZONTAL SPREAD	2.431	2.375	1.912
VERTICAL SPREAD	1.484	1.484	1.484
EXTREME SPREAD	2.431	2.484	2.888
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349023

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HE= 2.247

VS= 1.666

GS= 3.023

CENTROID X

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.763	1.448	.915
MINIMUM X	-1.184	-.988	-.807
MAXIMUM Y	.867	.883	.928
MINIMUM Y	-.798	-.783	-.738
CENTROID X	.388	.192	.011
CENTROID Y	.103	.087	.042
POR TO CENTROID in.	.481	.218	.043
MIN RADIUS	.158	.213	.334
MEAN RADIUS	.901	.818	.750
MAX RADIUS	1.769	1.492	1.070
HORIZONTAL SPREAD	2.947	2.436	1.722
VERTICAL SPREAD	1.666	1.666	1.666
EXTREME SPREAD	3.023	2.588	1.827
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349023

CENTERFIRE PATTERNS # 3

FOR

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.611

VS= 1.886

GS= 2.669

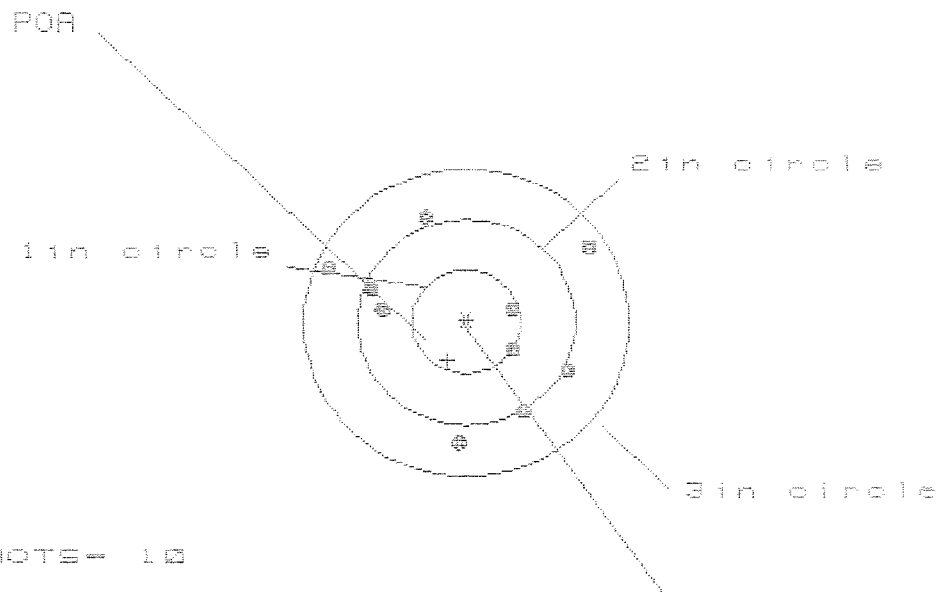
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.305	1.160	.876
MINIMUM X	-1.306	-1.246	-1.101
MAXIMUM Y	.962	.993	.964
MINIMUM Y	-.924	-.893	-.922
CENTROID X	-.154	-.009	-.154
CENTROID Y	.030	-.001	.028
FOR TO CENTROID in.	.157	.009	.156
MIN RADIUS	.324	.240	.323
MEAN RADIUS	.935	.862	.835
MAX RADIUS	1.336	1.304	1.302
HORIZONTAL SPREAD	2.611	2.406	1.977
VERTICAL SPREAD	1.886	1.886	1.895
EXTREME SPREAD	2.669	2.485	2.315
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

4 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG349023

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HE = 2.398

VS = 2.232

GS = 2.426

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.133	.992	.939
MINIMUM X	-1.265	-1.853	-.929
MAXIMUM Y	1.033	1.093	1.185
MINIMUM Y	-1.199	-1.139	-1.046
CENTROID X	.174	.315	.191
CENTROID Y	.378	.310	.218
POA TO CENTROID in.	.489	.442	.289
MIN RADIUS	.429	.316	.411
MEAN RADIUS	.972	.900	.863
MAX RADIUS	1.376	1.238	1.239
HORIZONTAL SPREAD	2.398	2.045	1.868
VERTICAL SPREAD	2.232	2.232	2.232
EXTREME SPREAD	2.426	2.247	2.247
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

4 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349023

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HE= 1.751

VS= 2.681

GS= 2.874

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.933
MINIMUM X	-.828
MAXIMUM Y	1.495
MINIMUM Y	-1.186
CENTROID X	.480
CENTROID Y	-.270
POA TO CENTROID (in.)	.550
MIN RADIUS	.476
MEAN RADIUS	.982
MAX RADIUS	1.611
HORIZONTAL SPREAD	1.761
VERTICAL SPREAD	2.681
EXTREME SPREAD	2.874
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

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: **RE00059522** Serial: C6349023 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: _____ Status: Closed 1/13/2003 2:40:02 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **B CO 1 22 IN BN** **B CO 1 22 IN BN**

Address 1: _____ Address 2: _____ PO Box: _____

City: **FORT HOOD** **FORT HOOD**

State: **TX** Zip Code: **76544** Country: **US** State: **TX** Zip Code: **76544** Country: **US**

FFL: _____

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																					
Contact Information Phone: _____ Fax: _____ Email: _____ Comments: _____	Received Condition Poor Condition Notes: _____ CSR Notes: _____	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>X</td> <td>FRT & REAR SGT BA</td> <td>1</td> </tr> <tr> <td>XX</td> <td>SCOPE BASE</td> <td>1</td> </tr> <tr> <td>XXX</td> <td>DEPLOYMENT CASE</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	1	A010	Hard Case	1	A017	Scope Base	1	X	FRT & REAR SGT BA	1	XX	SCOPE BASE	1	XXX	DEPLOYMENT CASE	1
Code	Desc	Qty																							
A007	With Stud	1																							
A010	Hard Case	1																							
A017	Scope Base	1																							
X	FRT & REAR SGT BA	1																							
XX	SCOPE BASE	1																							
XXX	DEPLOYMENT CASE	1																							

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

negletj 1/13/2003 2:50 PM CAPS NUM INS SCRL

1 start 2 Mc Arms S 2 Int. Microsoft Part Se CAP Lo MECHA 2:50 PM

Serial Number: **C6349023**

Model: **700**



RE00059522

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349023.___0
FILE DATE AND TIME: 01/25/2003 10:34

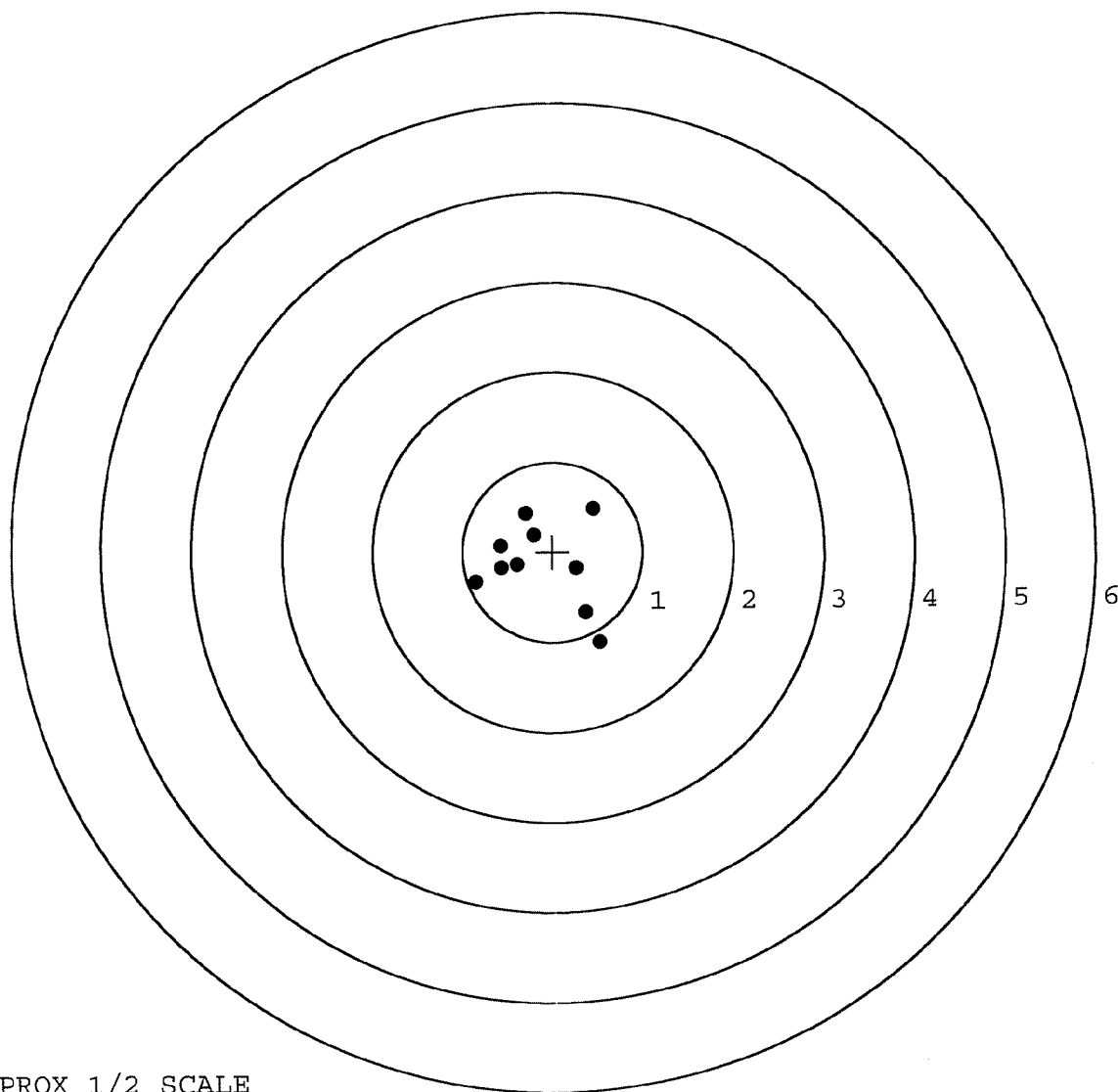
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.071
The Average Y Centroid of the Five Target Set:	-0.032
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.525
The Distance from POA to Centroid Target #1:	0.188
The Distance from Centroid Target #2 to Centroid Target #1:	0.156
The Distance from Centroid Target #3 to Centroid Target #1:	0.125
The Distance from Centroid Target #4 to Centroid Target #1:	0.294
The Distance from Centroid Target #5 to Centroid Target #1:	0.078

SERIAL NUMBER: C6349023. __0
TARGET NUMBER: 1
FILE DATE: 01/25/2003
FILE TIME: 10:34

X CENTROID: -0.130
Y CENTROID: -0.135
POA TO CENTROID: 0.188
HORZ SPREAD: 1.375
VERT SPREAD: 1.490
GROUP SPREAD: 1.656
MIN RADIUS: 0.266
MAX RADIUS: 1.091
MEAN RADIUS: 0.594
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.518	-1.013
2:	0.362	-0.678
3:	0.261	-0.182
4:	0.457	0.477
5:	-0.294	0.430
6:	-0.207	0.190
7:	-0.578	0.071
8:	-0.396	-0.140
9:	-0.568	-0.179
10:	-0.857	-0.329

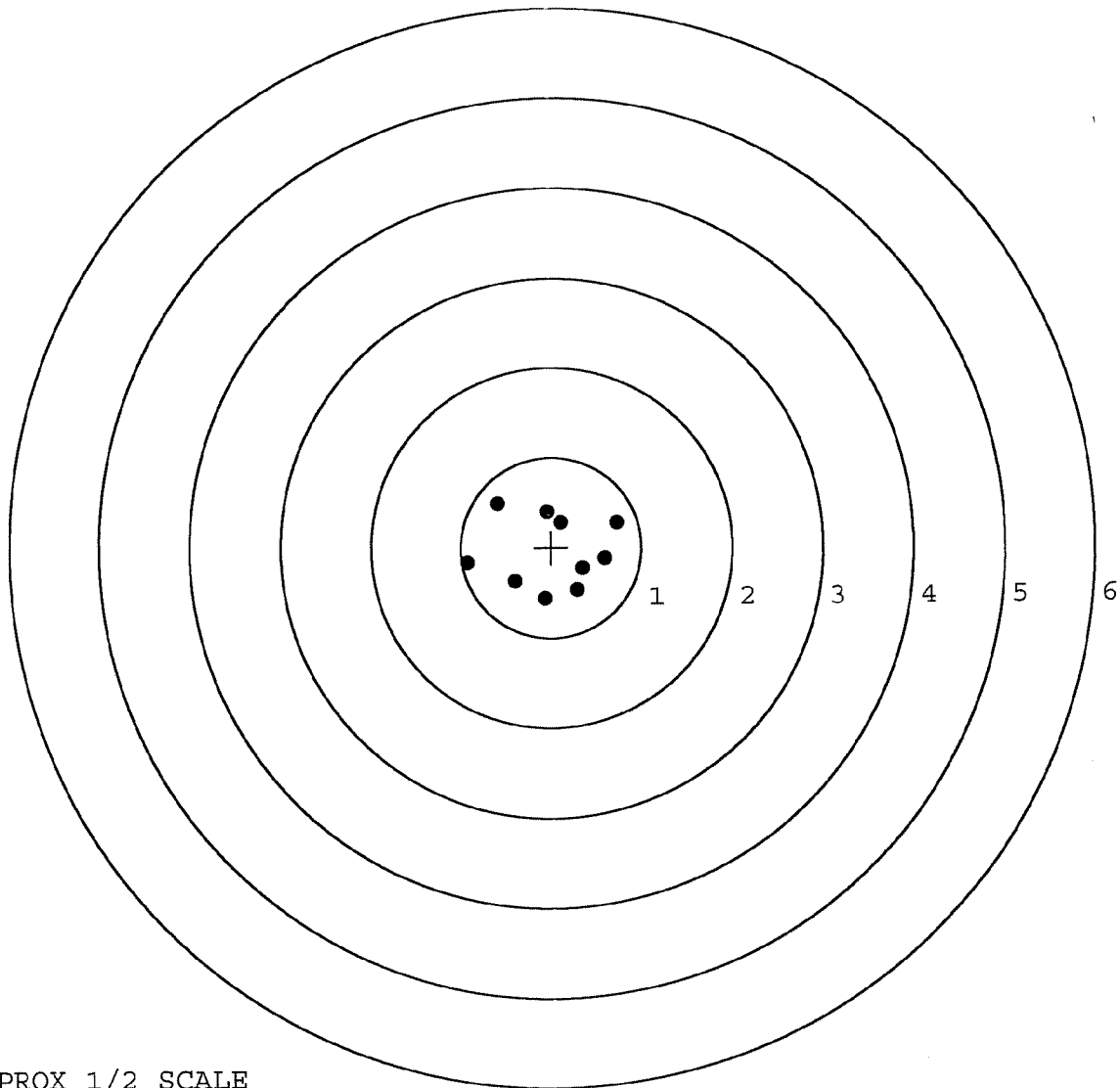


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023. __0
TARGET NUMBER: 2
FILE DATE: 01/25/2003
FILE TIME: 10:34

POINT#	X	Y
1:	-0.051	0.396
2:	0.109	0.275
3:	-0.593	0.487
4:	-0.933	-0.165
5:	-0.404	-0.376
6:	-0.074	-0.572
7:	0.291	-0.476
8:	0.353	-0.239
9:	0.594	-0.131
10:	0.731	0.267

X CENTROID: 0.002
Y CENTROID: -0.053
POA TO CENTROID: 0.053
HORZ SPREAD: 1.664
VERT SPREAD: 1.059
GROUP SPREAD: 1.719
MIN RADIUS: 0.345
MAX RADIUS: 0.942
MEAN RADIUS: 0.589
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

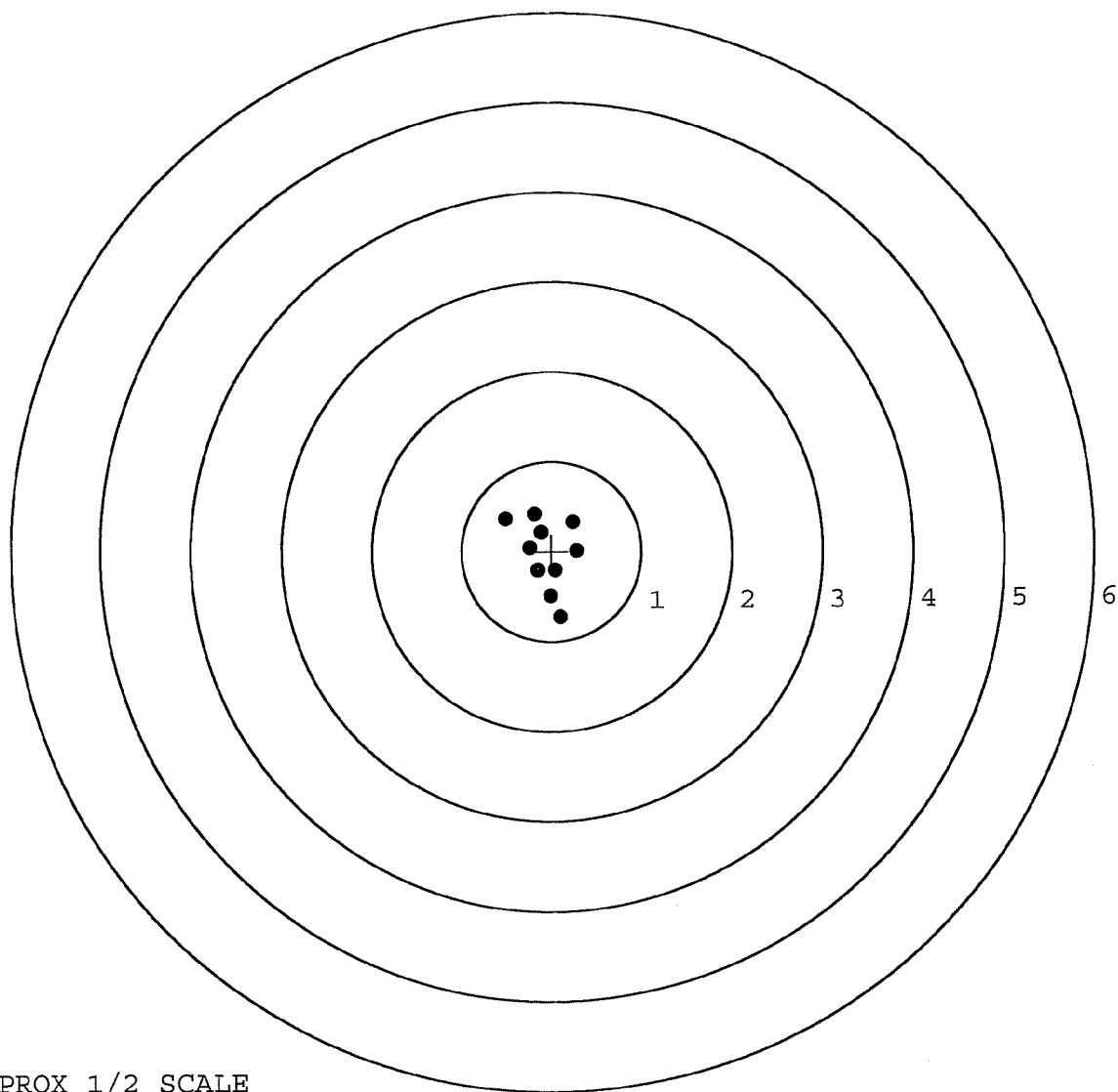


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023.___0
TARGET NUMBER: 3
FILE DATE: 01/25/2003
FILE TIME: 10:34

POINT#	X	Y
1:	0.097	-0.740
2:	-0.020	-0.501
3:	0.242	0.323
4:	-0.190	0.415
5:	-0.511	0.361
6:	0.280	-0.005
7:	-0.241	0.039
8:	-0.154	-0.219
9:	0.043	-0.219
10:	-0.119	0.212

X CENTROID: -0.057
Y CENTROID: -0.033
POA TO CENTROID: 0.066
HORZ SPREAD: 0.791
VERT SPREAD: 1.155
GROUP SPREAD: 1.258
MIN RADIUS: 0.197
MAX RADIUS: 0.723
MEAN RADIUS: 0.394
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

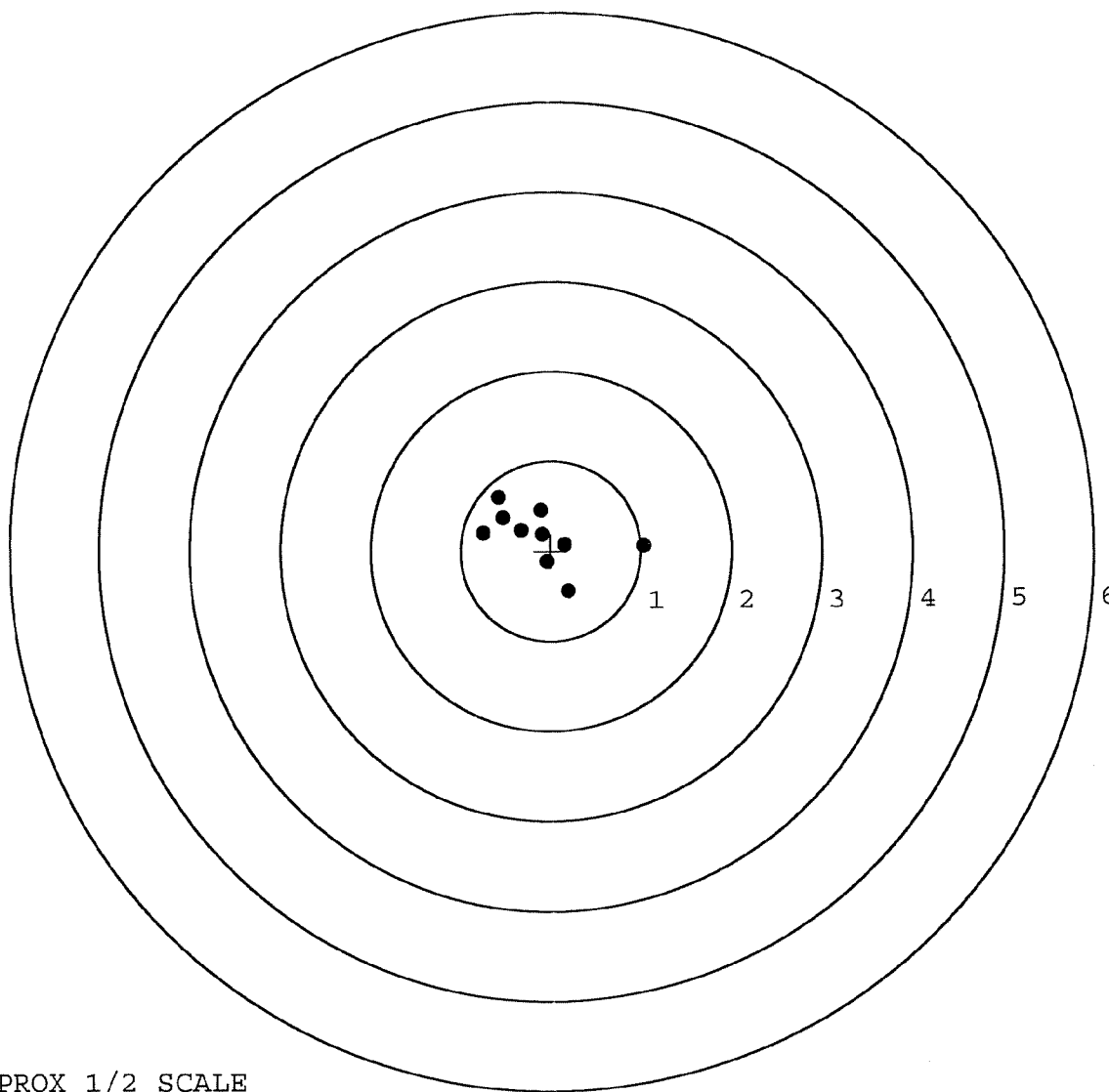


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023.___0
TARGET NUMBER: 4
FILE DATE: 01/25/2003
FILE TIME: 10:34

X CENTROID: -0.106
Y CENTROID: 0.158
POA TO CENTROID: 0.190
HORZ SPREAD: 1.781
VERT SPREAD: 1.043
GROUP SPREAD: 1.788
MIN RADIUS: 0.024
MAX RADIUS: 1.144
MEAN RADIUS: 0.470
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.196	-0.447
2:	1.033	0.047
3:	0.158	0.073
4:	-0.113	0.447
5:	-0.576	0.596
6:	-0.748	0.203
7:	-0.532	0.373
8:	-0.327	0.232
9:	-0.098	0.181
10:	-0.048	-0.126



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349023. 0

TARGET NUMBER: 5

FILE DATE: 01/25/2003

FILE TIME: 10:34

POINT#	X	Y
1:	1.129	0.411
2:	0.349	0.215
3:	0.319	-0.592
4:	0.280	-0.292
5:	-0.760	-0.638
6:	-0.524	-0.313
7:	-0.892	0.385
8:	-0.227	0.180
9:	-0.150	-0.044
10:	-0.153	-0.276

X CENTROID: -0.063

Y CENTROID: -0.096

POA TO CENTROID: 0.115

HORZ SPREAD: 2.021

VERT SPREAD: 1.049

GROUP SPREAD: 2.161

MIN RADIUS: 0.102

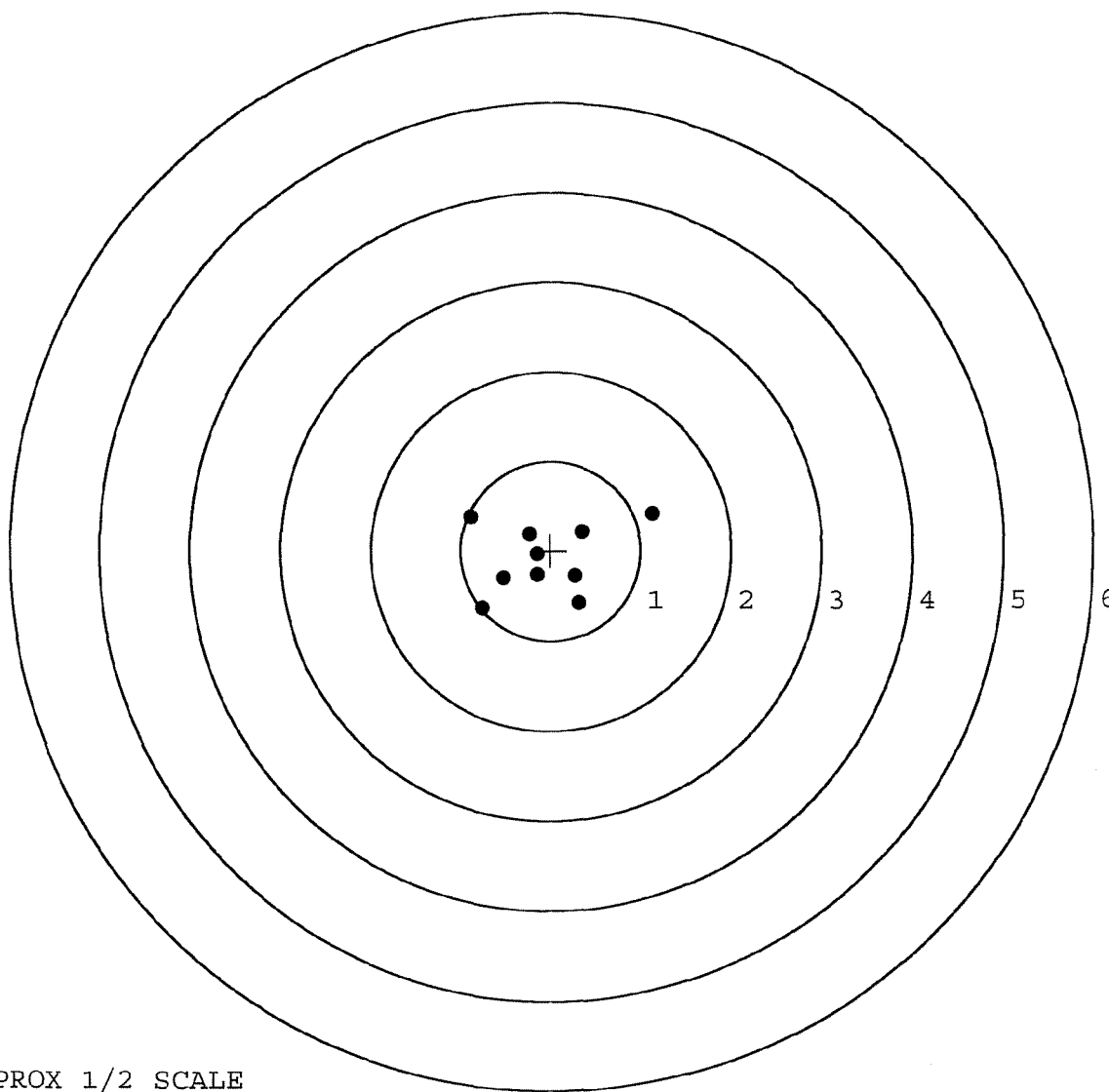
MAX RADIUS: 1.295

MEAN RADIUS: 0.581

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	000595 J2		
SERIAL NUMBER	C6349023		
LOG-IN DATE	1/14/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1/14/03	RW
560 A	RE-BARREL	1/15/03	DA
B	DRILL AND TAP	1-20-03	TRW
575	ASSEMBLE MAGNAFLUX	1-15-03	RL
600	PROOF INSPECTED	1-16-03	RW
605	CHECK HEADSPACE	1-16-03	RW
610	DIS-ASSEMBLE GUN	1-16-03	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-21-03	JH
620	APPLY COATINGS	1-22	TA
625 A	FINAL ASSEMBLY	1-23-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-24-03	TRW
655	FINAL INSPECT	1-27-03	RW
660	PACK	1-28-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WAINH.TIC	1b. CUSTOMER UNIT NAME HHIC 1/2 INF	1c. PHONE NO 287-1211	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA							
5. TYPE MINT REQ CODE	6. ID	7. NSN 1105011240211361	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M24	9. NOUN Sniper Rifle		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R		
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
11. SERIAL NUMBER 606349023	12. QTY	13. PD	21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			23. SIGNATURE				
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)							
25. REMARKS POC Spc. Venetz 254-287-8593							
PREPARATION INSTRUCTIONS FOR THIS PAGE							
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.				SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the 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 maint. Block 25. Self-explanatory.			
SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.							
SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. 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)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY DHarris	35a. ACCEPTED BY	35c. DATE	Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.				
34b. DATE	35b. STATUS	35d. TIME					

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

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

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

