

G6296743

Services Repair & Estimate System

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Repair Inquiry

Repair Number: **RE00141259**

Serial: G6296743 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/17/2003

Repairman:

Status: Closed 2/5/2008 10:23:20 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FB4497 TMO 436 APS/TRT

FB4497 TMO 436 APS/TRT

Address 1: 505 ATLANTIC ST BLDG 550

505 ATLANTIC ST BLDG 550

Address 2: PO Box:

PO Box:

City: DOVER AFB

DOVER AFB

State: DE Zip Code: 19902

Country: US

State: DE Zip Code: 19902

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
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

2/7/2008

4:18 PM

NUM

Serial Number: **G6296743**

Model: **M24 SWS**



RE00141259

USAPPC V1.10

M2400159030

DA FORM 2407, JUL 94

NMP COPY 2

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296743.__0
FILE DATE AND TIME: 02/26/2008 08:17

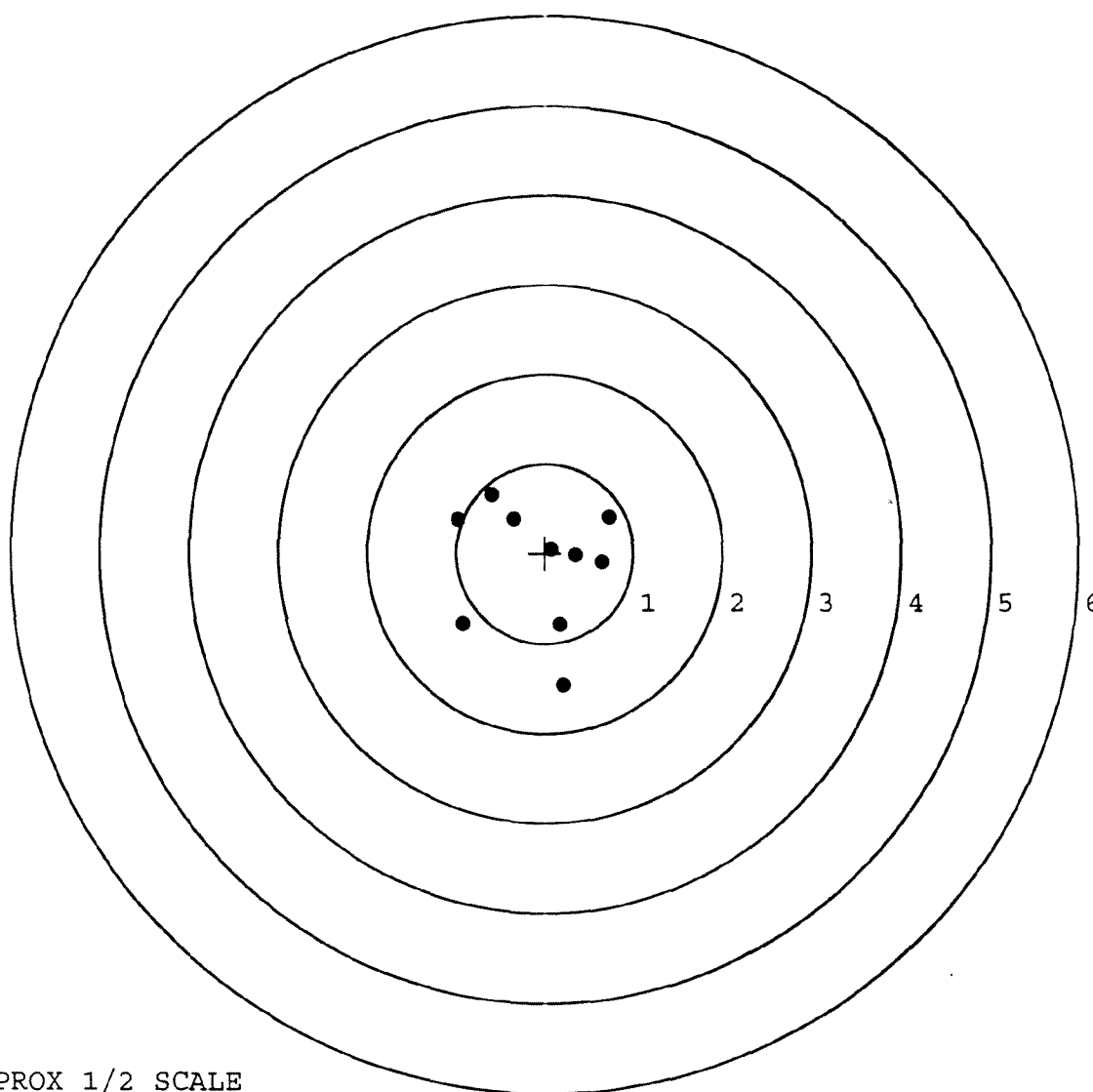
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.014
The Average Y Centroid of the Five Target Set:	-0.078
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.707
The Distance from POA to Centroid Target #1:	0.151
The Distance from Centroid Target #2 to Centroid Target #1:	0.037
The Distance from Centroid Target #3 to Centroid Target #1:	0.242
The Distance from Centroid Target #4 to Centroid Target #1:	0.215
The Distance from Centroid Target #5 to Centroid Target #1:	0.176

SERIAL NUMBER: G6296743. __0
TARGET NUMBER: 1
FILE DATE: 02/26/2008
FILE TIME: 08:17

X CENTROID: -0.071
Y CENTROID: -0.133
POA TO CENTROID: 0.151
HORZ SPREAD: 1.702
VERT SPREAD: 2.124
GROUP SPREAD: 2.272
MIN RADIUS: 0.227
MAX RADIUS: 1.365
MEAN RADIUS: 0.806
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.980	0.379
2:	-0.606	0.653
3:	-0.357	0.380
4:	0.722	0.402
5:	0.643	-0.103
6:	0.345	-0.027
7:	0.070	0.045
8:	-0.920	-0.790
9:	0.170	-0.799
10:	0.202	-1.471



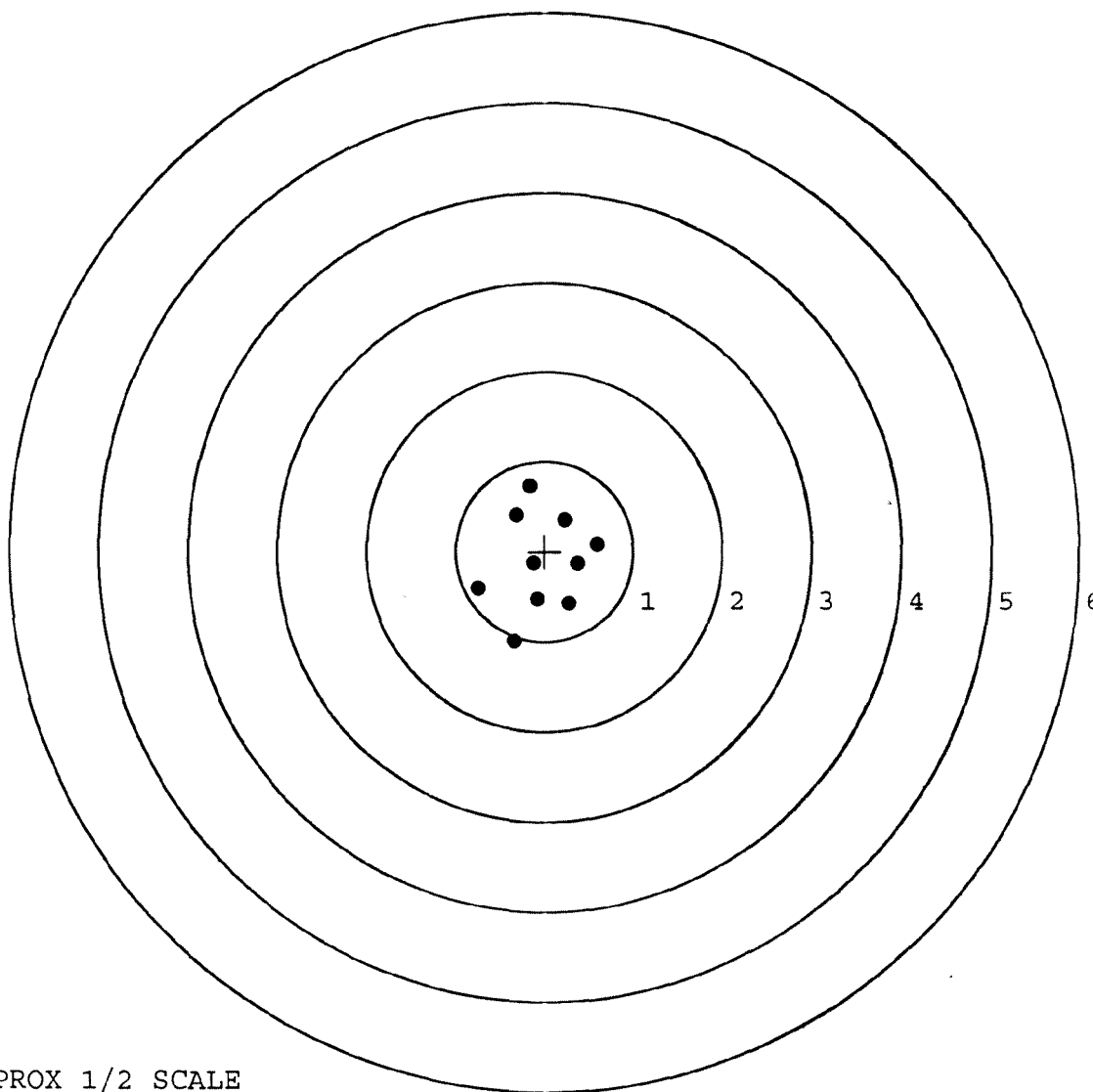
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296743. 0
TARGET NUMBER: 2
FILE DATE: 02/26/2008
FILE TIME: 08:17

X CENTROID: -0.035
Y CENTROID: -0.126
POA TO CENTROID: 0.131
HORZ SPREAD: 1.350
VERT SPREAD: 1.725
GROUP SPREAD: 1.733
MIN RADIUS: 0.095
MAX RADIUS: 0.931
MEAN RADIUS: 0.583

POINT#	X	Y
1:	-0.750	-0.418
2:	-0.343	-1.005
3:	0.267	-0.583
4:	-0.090	-0.540
5:	-0.130	-0.132
6:	0.369	-0.136
7:	0.600	0.081
8:	0.223	0.348
9:	-0.326	0.401
10:	-0.172	0.720

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

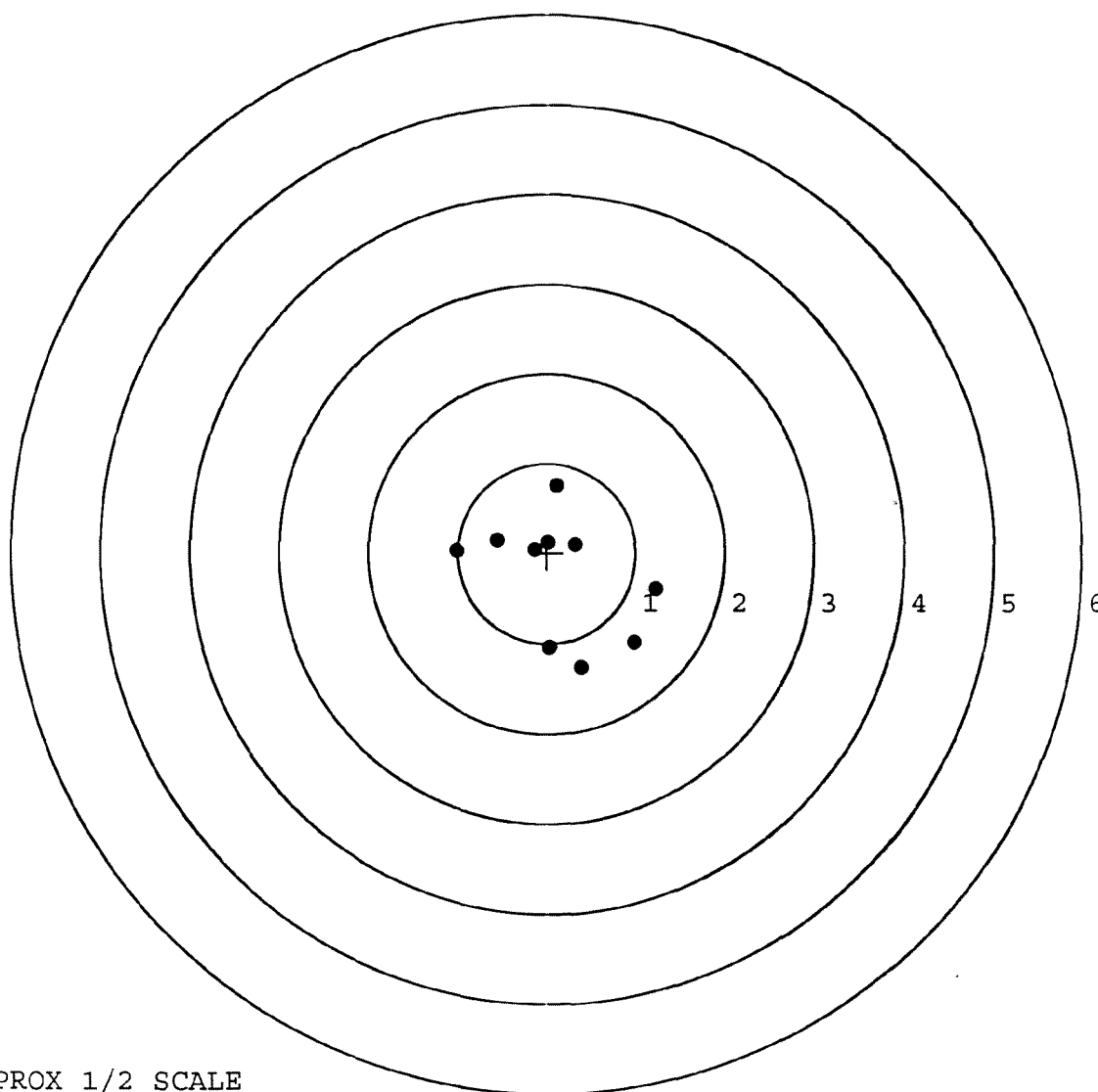


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296743. __0
TARGET NUMBER: 3
FILE DATE: 02/26/2008
FILE TIME: 08:17

X CENTROID: 0.138
Y CENTROID: -0.255
POA TO CENTROID: 0.290
HORZ SPREAD: 2.242
VERT SPREAD: 2.023
GROUP SPREAD: 2.282
MIN RADIUS: 0.388
MAX RADIUS: 1.180
MEAN RADIUS: 0.825
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.113	0.752
2:	0.321	0.097
3:	-1.009	0.024
4:	-0.565	0.143
5:	-0.134	0.034
6:	0.392	-1.271
7:	0.033	-1.051
8:	0.980	-0.987
9:	1.233	-0.402
10:	0.016	0.114

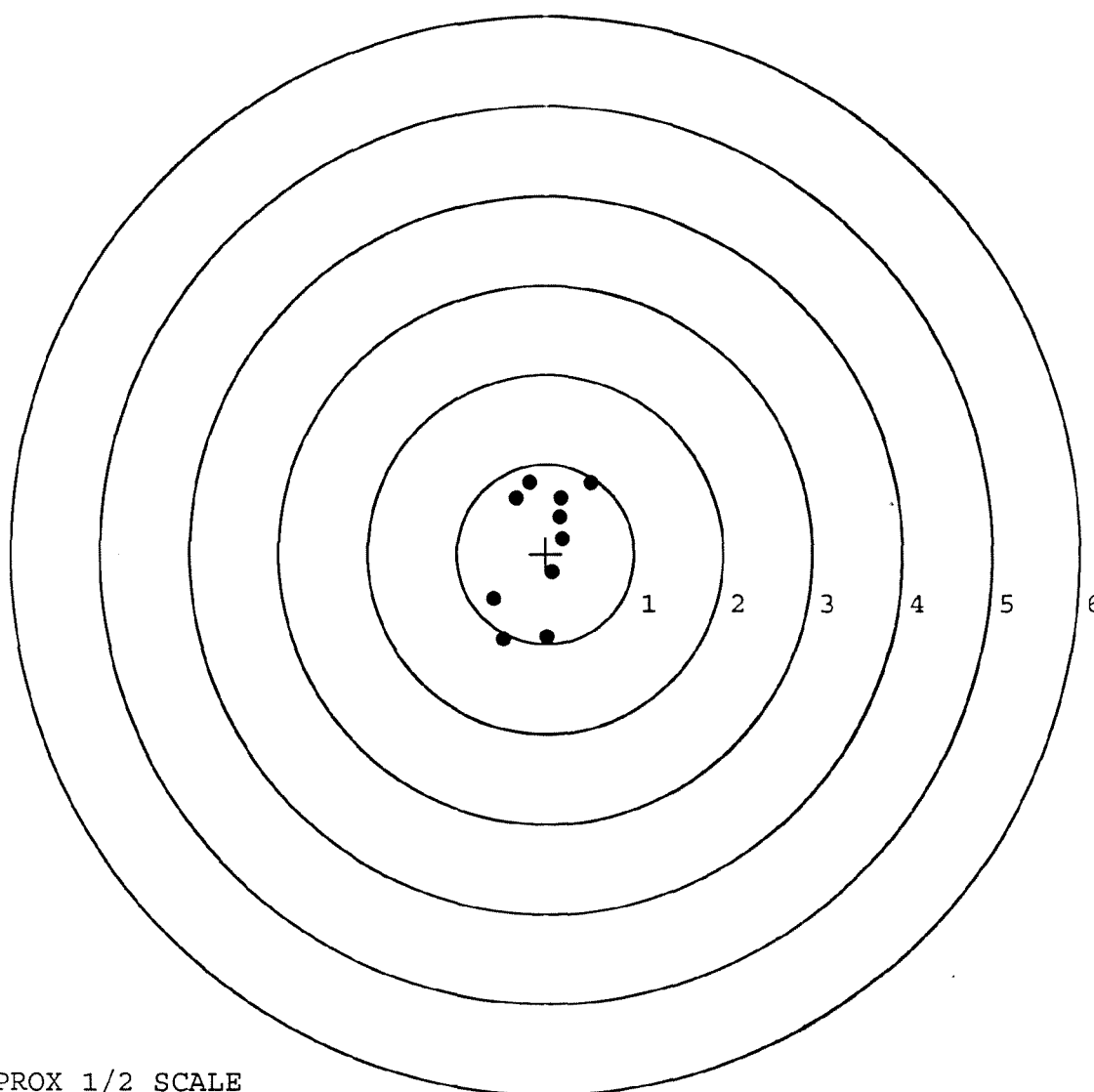


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296743. 0
TARGET NUMBER: 4
FILE DATE: 02/26/2008
FILE TIME: 08:17

X CENTROID: -0.050
Y CENTROID: 0.081
POA TO CENTROID: 0.095
HORZ SPREAD: 1.096
VERT SPREAD: 1.756
GROUP SPREAD: 2.017
MIN RADIUS: 0.251
MAX RADIUS: 1.127
MEAN RADIUS: 0.672
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.485	-0.958
2:	0.012	-0.931
3:	-0.589	-0.505
4:	-0.185	0.794
5:	-0.339	0.622
6:	0.507	0.798
7:	0.173	0.620
8:	0.067	-0.212
9:	0.184	0.172
10:	0.156	0.411

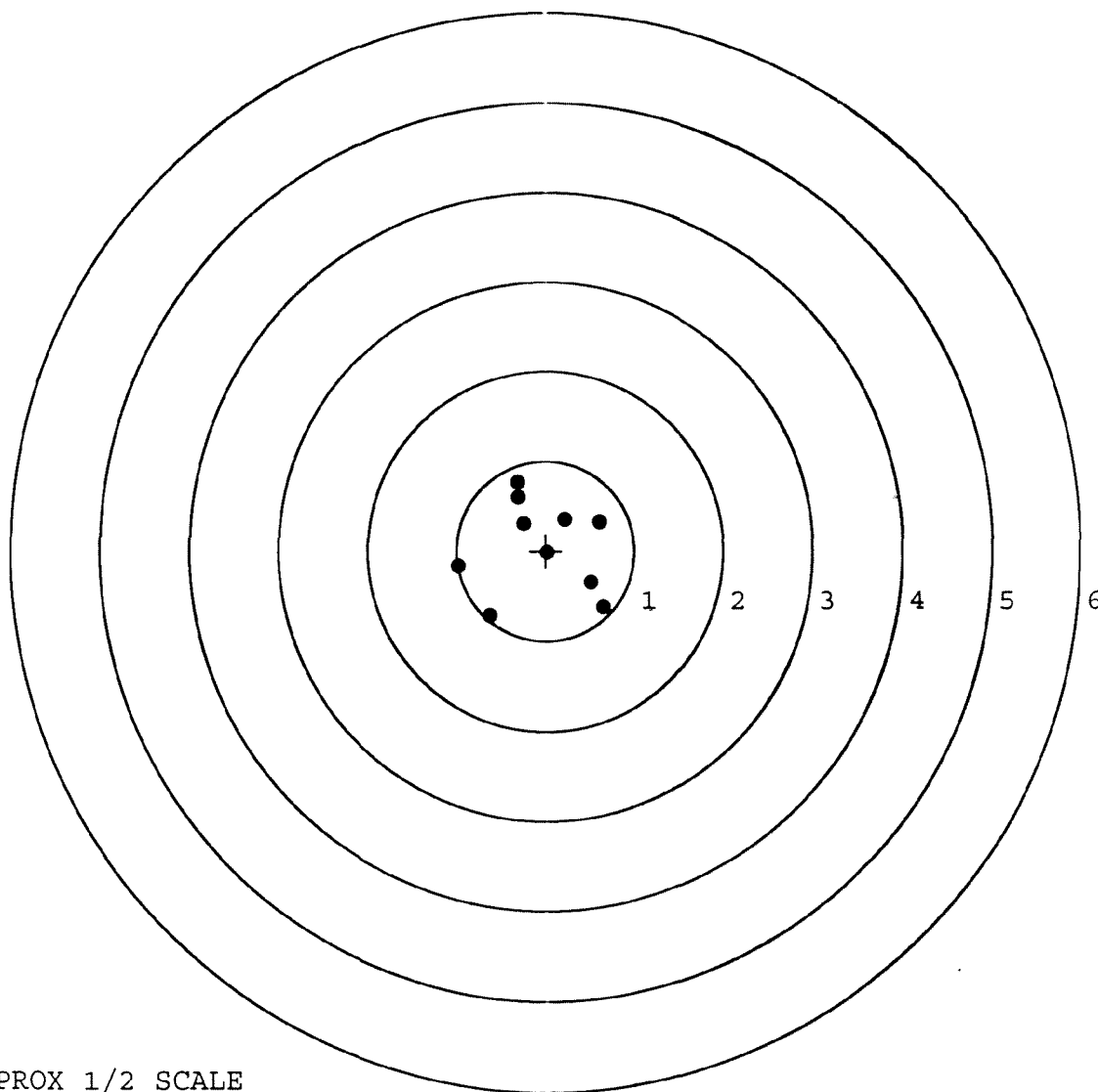


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6295743. 0
TARGET NUMBER: 5
FILE DATE: 02/26/2008
FILE TIME: 08:17

X CENTROID: -0.052
Y CENTROID: 0.042
POA TO CENTROID: 0.067
HORZ SPREAD: 1.628
VERT SPREAD: 1.485
GROUP SPREAD: 1.697
MIN RADIUS: 0.094
MAX RADIUS: 0.970
MEAN RADIUS: 0.650
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.981	-0.180
2:	-0.632	-0.722
3:	0.647	-0.630
4:	0.513	-0.355
5:	0.601	0.321
6:	0.211	0.351
7:	0.017	-0.022
8:	-0.258	0.302
9:	-0.322	0.763
10:	-0.318	0.595



TARGET APPROX 1/2 SCALE

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

R & E NUMBER <u>141259</u>			
SERIAL NUMBER <u>C66296743</u>			
LOG-IN DATE <u>2-5-08</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-11-08	RTZ
505	RE-BARREL	2-11-08	A.P.D.
560	ASSEMBLE	2-12-08	A.P.D.
600	PROOF	2-12-08	TRW
605	CHECK HEADSPACE	2-12-08	TRW
610	DIS-ASSEMBLE GUN	2-12-08	A.P.D.
612	MAGNAFLUX	2/13/08	unsub
510	DRILL AND TAP	2-12-08	TRW
615	ROLLMARK CALIBER	2-12-08	CW
618	ROTO-BLAST	2-14-08	DG
620	APPLY COATINGS	2-19-08	W7
625	FINAL ASSEMBLY	2-26-08	RTZ
640	FUNCTION TEST AND	PASS FAIL 2-21-08	TRW
650	TARGET	PASS FAIL 2-21-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-21-08	RP
	A) HEADSPACE	PASS FAIL 2-26-08	DA
	B) TRIGGER PULL	249 2.41 2.54 2.41 2.80 2-26-08	DA
680	F) SAFETY ON FORCE	60 60 55 2-26-08	DA
	G) SAFETY OFF FORCE	30 2.75 30 2-26-08	DA
	I) FIRING PIN INDENT	.0235 .0235 .023 2-26-08	DA
690	PACK	5-10-08	RTZ

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



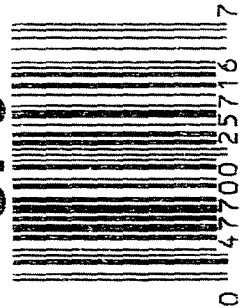
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6296743

UPC



VERY IMPORTANT
INSTRUCTION BOOK
PROCESSED TO ASSURE
SAFE USE OF THIS
WEAPON

Remington®

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

Serial No. **66296743**
Order No. **25716**
DD

Made in Illinois, U.S. Pat. & tm. Off. Marca Registrada. Mar que Deposee.

5716 66296743

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ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYST
UPC



SERIAL NO.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66296743

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-12-03	Ac
607	CHECK HEADSPACE		11-12-03	Ac
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	BS		
615	ROLLMARK CALIBER		11-13-03	SB
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11/21/03	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11/21/03	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11/21/03	RW
	D) OIL FIRING PIN ASSEMBLY		11/21/03	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8</u> <u>7.5</u> <u>7</u>	<u>12/5/03</u>	<u>RW</u>
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3</u> <u>2.5</u>	<u>12/9/03</u>	<u>RW</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.024</u> <u>.035</u>	<u>12/9/03</u>	<u>RW</u>
	J) ASSEMBLE STOCK		<u>11/21/03</u>	<u>RW</u>
	K) ASSEMBLE SWIVEL STUDS		<u>12/11/03</u>	<u>RW</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		<u>11/21/03</u>	<u>RW</u>
	M) IRON SIGHT ALIGNMENT		<u>11/21/03</u>	<u>RW</u>
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		<u>11/21/03</u>	<u>RW</u>
640	GALLERY TEST AND TARGET	PASS FAIL	<u>12-8-03</u>	<u>✓</u>
	MALFUNCTION	CORRECTION	<u>12-8-03</u>	<u>✓</u>
	MALFUNCTION	CORRECTION	<u>12-8-03</u>	<u>✓</u>
	MALFUNCTION	CORRECTION	<u>12-8-03</u>	<u>✓</u>
	MALFUNCTION	CORRECTION	<u>12-8-03</u>	<u>✓</u>
645	INSPECT FOR LIVE AMMO		<u>12-8-03</u>	<u>✓</u>
655	FINAL INSPECTION A) HEADSPACE		<u>12/11/03</u>	<u>RW</u>
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.86</u> <u>2.79</u> <u>2.86</u> <u>2.79</u> <u>2.69</u>	<u>12/9/03</u>	<u>RW</u>
	C) FUNCTION		<u>12/11/03</u>	<u>RW</u>
660	PACK		<u>12/12/03</u>	<u>RA</u>

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 11-21-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.62		2.36	
PULL #2	2.54	2.14		2.52	
PULL #3	2.36	2.16		2.65	
PULL #4	2.64	2.15		2.47	
PULL #5	2.56	2.13		2.44	
TOTAL	12.60	11.20		13.44	
AVERAGE	2.52	2.24		2.48	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.32		
PULL #2	3.25	3.06		
PULL #3	3.35	3.19		
PULL #4	3.14	3.29		
PULL #5	3.32	3.19		
TOTAL	16.40	16.05		
AVERAGE	3.28	3.21		

	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	4.18	3.79		4.37
PULL #2	4.02	4.10		4.44
PULL #3	4.06	3.92		4.19
PULL #4	3.90	3.79		4.35
PULL #5	4.06	4.02		4.35
TOTAL	20.22	19.62		21.70
AVERAGE	4.04	3.92		4.34

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296743.___0
FILE DATE AND TIME: 12/08/2003 11:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.122
The Average Y Centroid of the Five Target Set:	0.046
The Average Point of Impact of the Five Target Set:	0.131
The Average Mean Radius of the Five Target Set:	0.681
The Distance from POA to Centroid Target #1:	0.092
The Distance from Centroid Target #2 to Centroid Target #1:	0.248
The Distance from Centroid Target #3 to Centroid Target #1:	0.183
The Distance from Centroid Target #4 to Centroid Target #1:	0.367
The Distance from Centroid Target #5 to Centroid Target #1:	0.303

SERIAL NUMBER: G6296743. __0

TARGET NUMBER: 1

FILE DATE: 12/08/2003

FILE TIME: 11:49

X CENTROID: -0.005

Y CENTROID: -0.092

POA TO CENTROID: 0.092

HORZ SPREAD: 1.676

VERT SPREAD: 2.277

GROUP SPREAD: 2.791

MIN RADIUS: 0.092

MAX RADIUS: 1.597

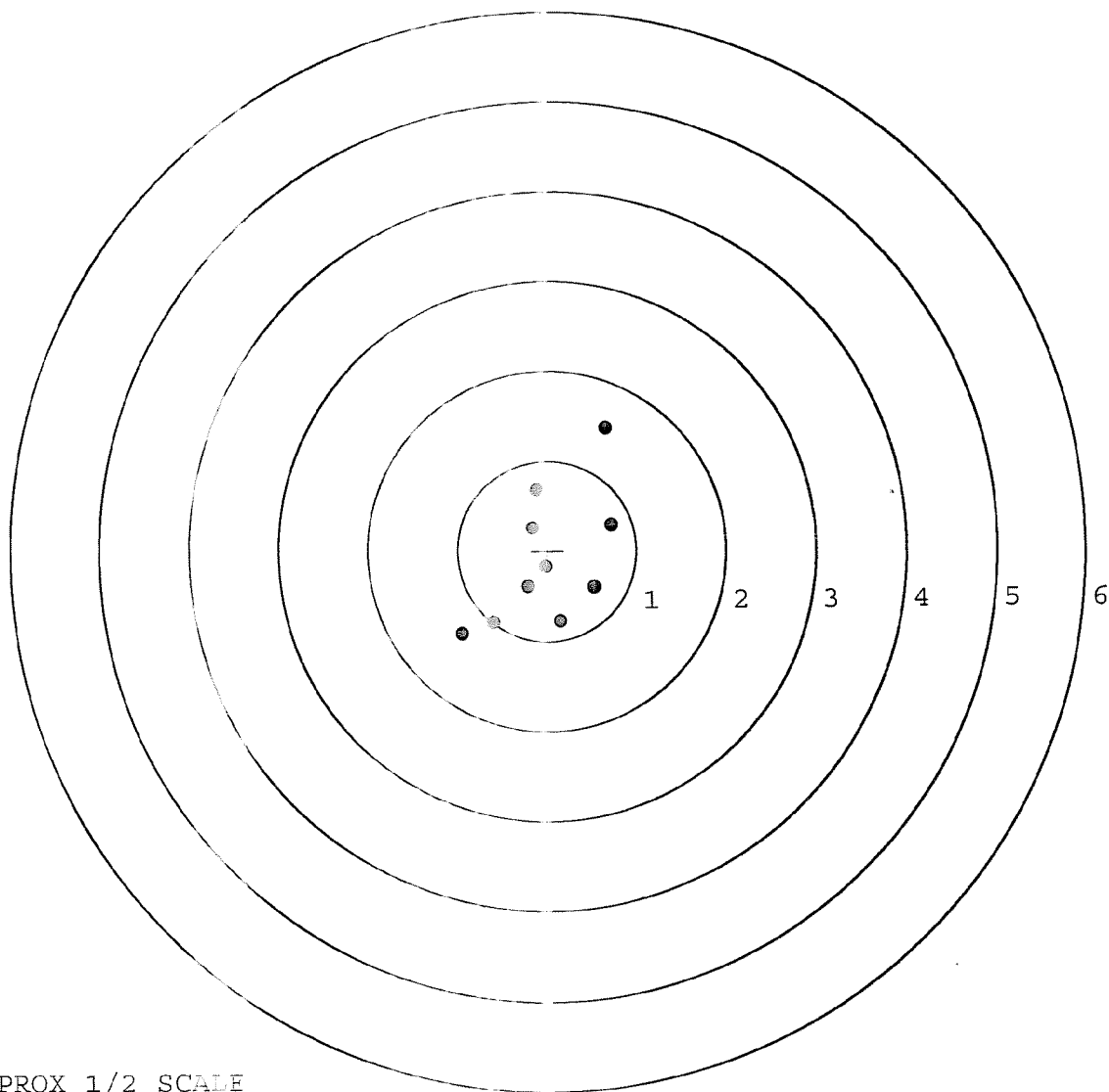
MEAN RADIUS: 0.756

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

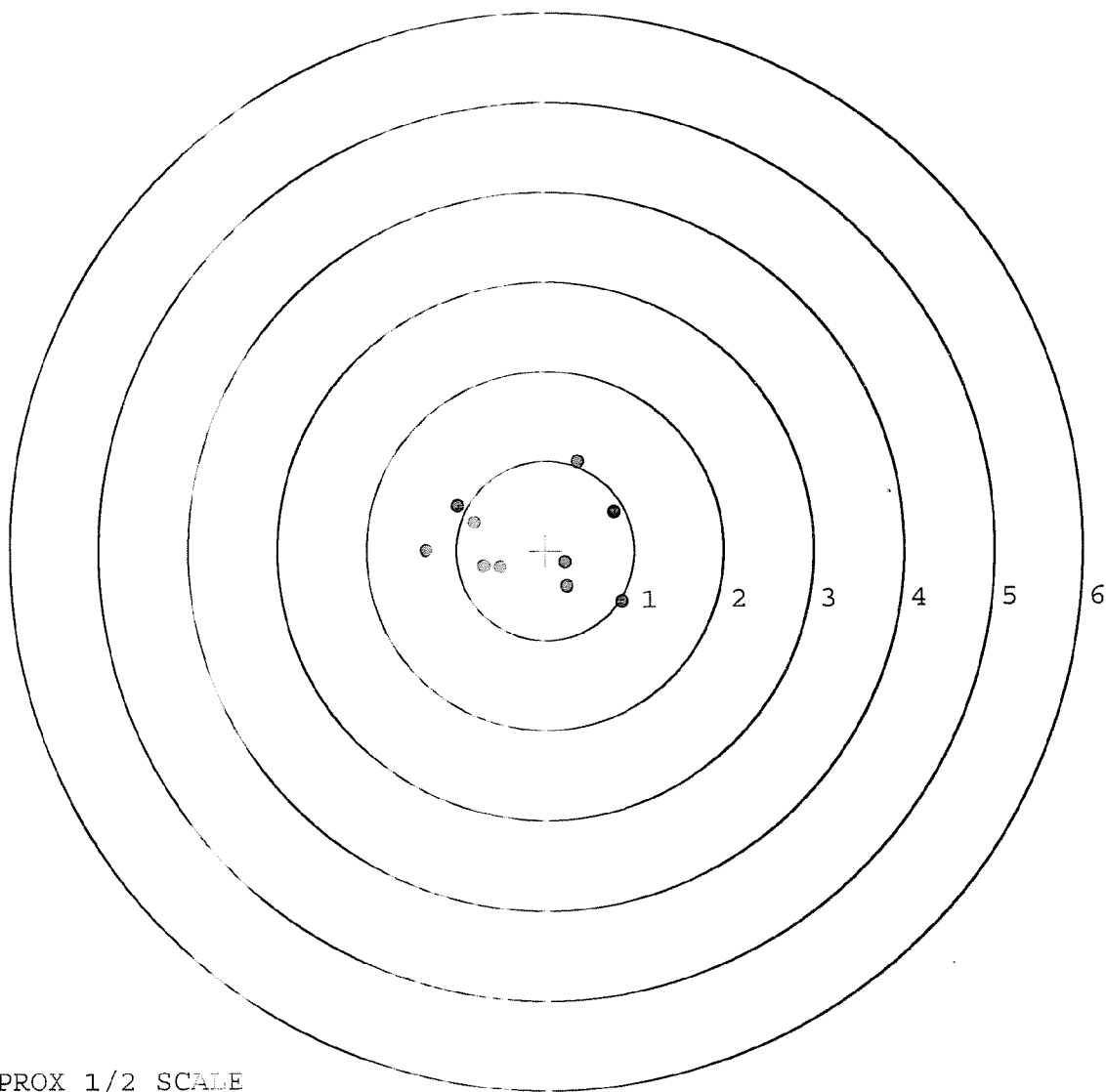
POINT#	X	Y
1:	0.657	1.361
2:	-0.122	0.678
3:	-0.170	0.253
4:	0.719	0.283
5:	-0.024	-0.182
6:	-0.222	-0.405
7:	-0.957	-0.916
8:	-0.607	-0.799
9:	0.146	-0.783
10:	0.526	-0.409



SERIAL NUMBER: G6296743. __0
TARGET NUMBER: 2
FILE DATE: 12/08/2003
FILE TIME: 11:49

X CENTROID: -0.188
Y CENTROID: 0.076
POA TO CENTROID: 0.203
HORZ SPREAD: 2.198
VERT SPREAD: 1.564
GROUP SPREAD: 2.272
MIN RADIUS: 0.422
MAX RADIUS: 1.234
MEAN RADIUS: 0.812
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.364	0.988
2:	0.771	0.431
3:	-0.981	0.506
4:	-0.794	0.319
5:	-1.338	-0.002
6:	-0.696	-0.178
7:	-0.518	-0.187
8:	0.217	-0.138
9:	0.234	-0.402
10:	0.860	-0.576



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296743, __0

TARGET NUMBER: 3

FILE DATE: 12/08/2003

FILE TIME: 11:49

X CENTROID: -0.003

Y CENTROID: 0.091

POA TO CENTROID: 0.091

HORZ SPREAD: 2.512

VERT SPREAD: 1.485

GROUP SPREAD: 2.548

MIN RADIUS: 0.243

MAX RADIUS: 1.783

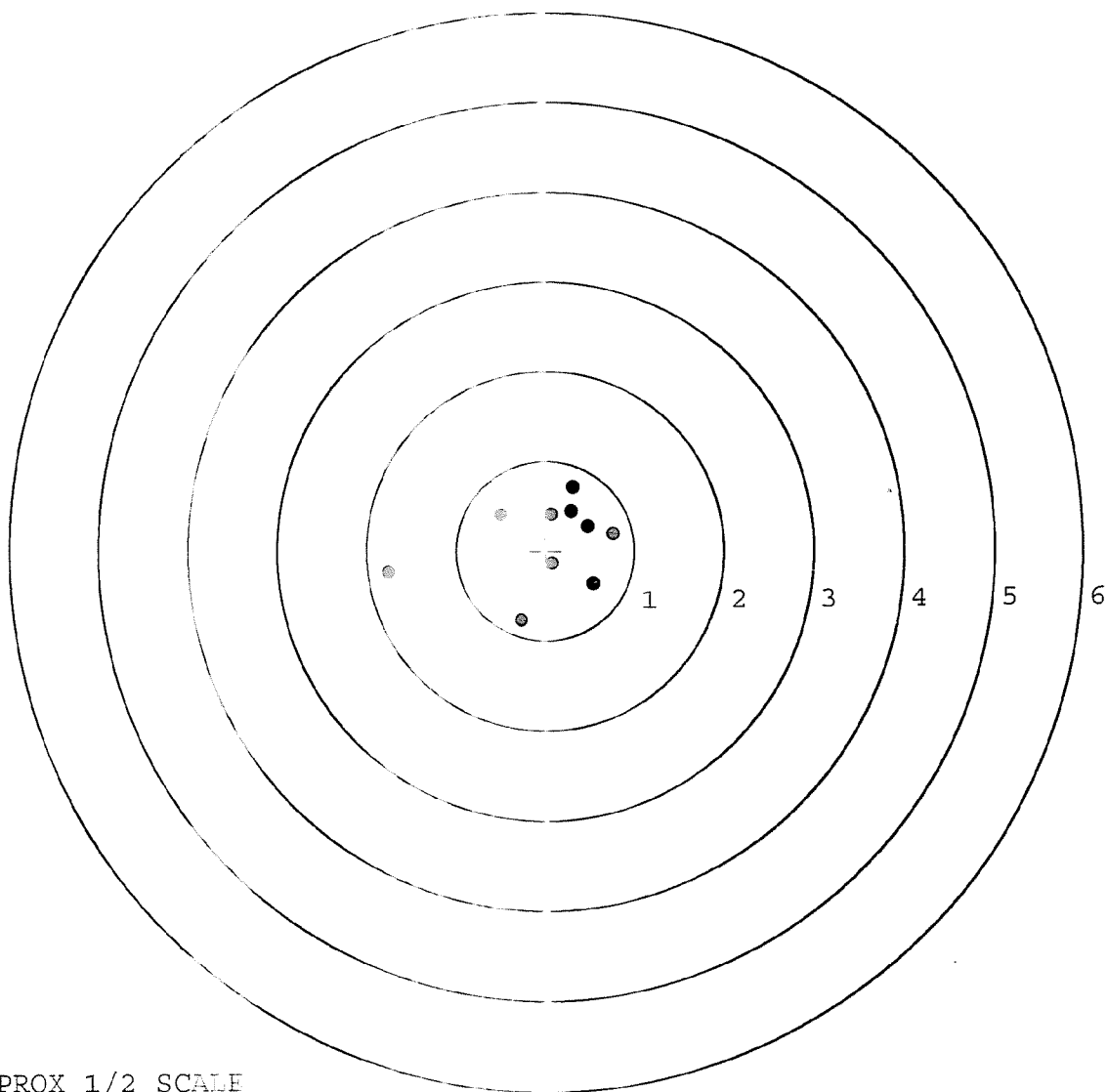
MEAN RADIUS: 0.699

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.756	-0.236
2:	-0.284	-0.775
3:	0.068	-0.141
4:	0.536	-0.368
5:	0.756	0.192
6:	0.310	0.710
7:	0.062	0.408
8:	-0.494	0.400
9:	0.478	0.278
10:	0.292	0.446



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296743. 0

TARGET NUMBER: 4

FILE DATE: 12/08/2003

FILE TIME: 11:49

POINT#	X	Y
1:	0.062	0.809
2:	-0.521	0.653
3:	-0.464	0.427
4:	-1.337	-0.047
5:	1.032	0.700
6:	0.274	0.317
7:	-0.075	0.130
8:	-0.282	-0.200
9:	0.017	-0.169
10:	0.239	-0.004

X CENTROID: -0.105

Y CENTROID: 0.262

POA TO CENTROID: 0.282

HORZ SPREAD: 2.369

VERT SPREAD: 1.009

GROUP SPREAD: 2.484

MIN RADIUS: 0.135

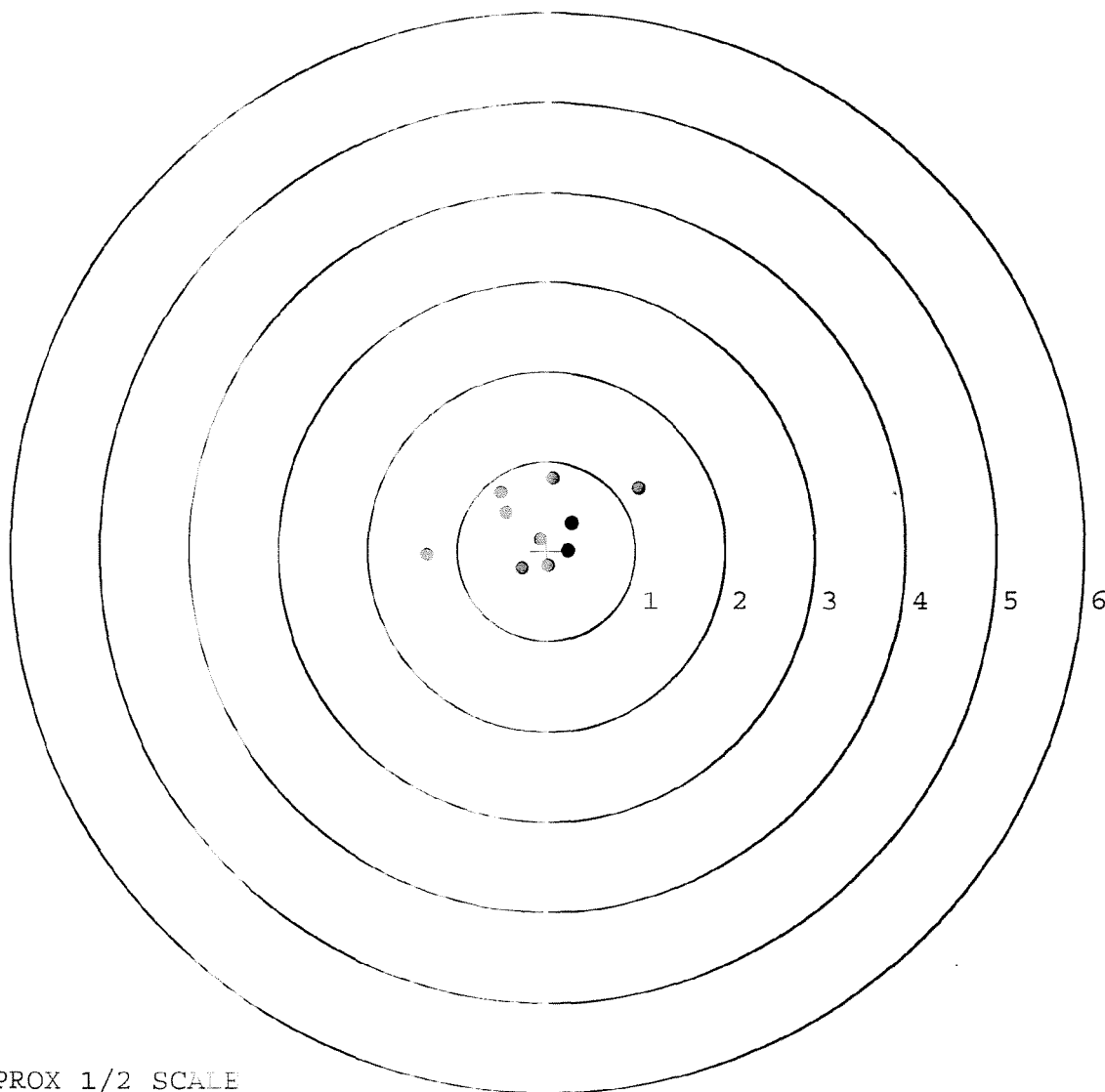
MAX RADIUS: 1.270

MEAN RADIUS: 0.592

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

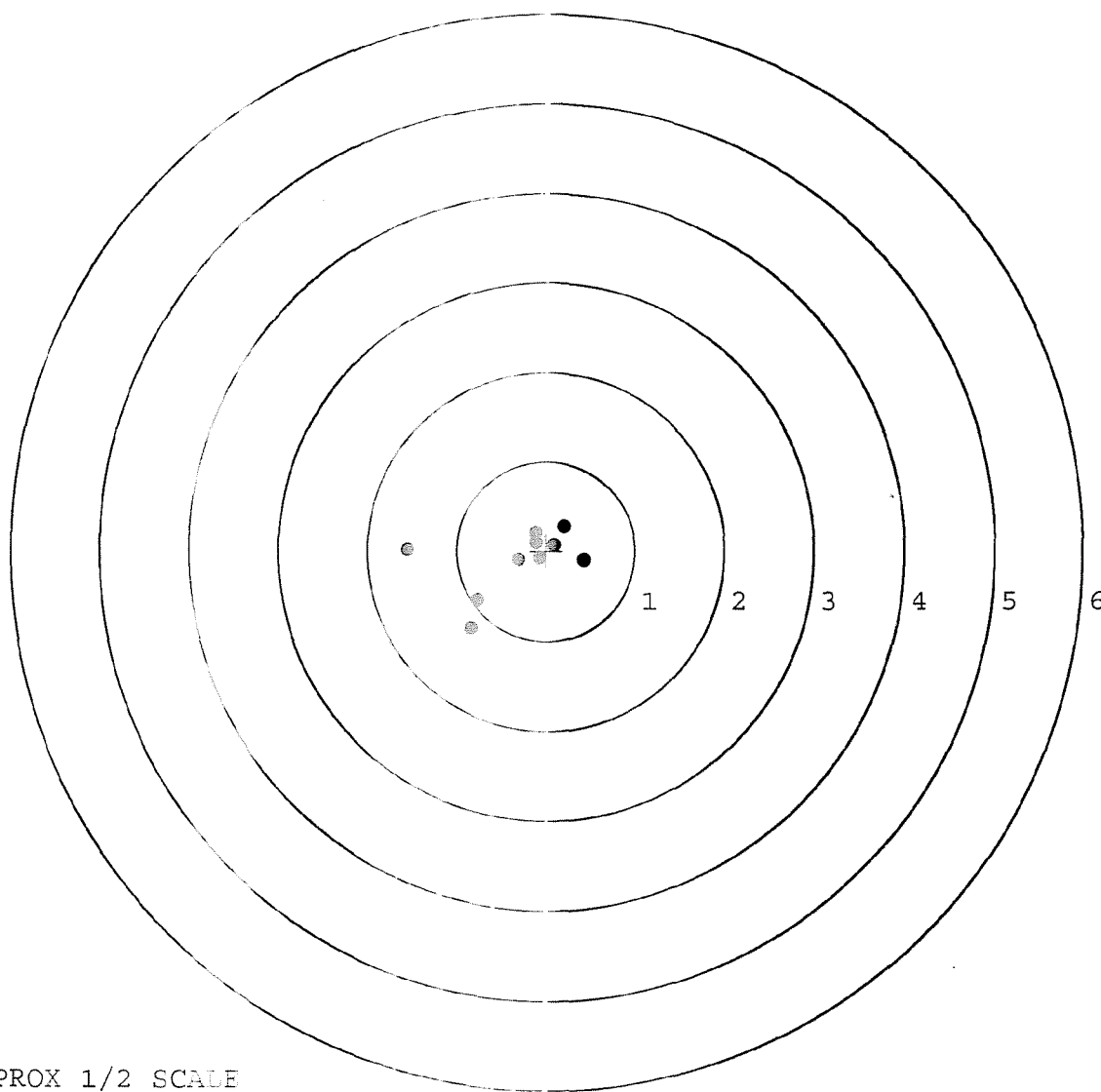


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296743. 0
TARGET NUMBER: 5
FILE DATE: 12/08/2003
FILE TIME: 11:49

X CENTROID: -0.309
Y CENTROID: -0.105
POA TO CENTROID: 0.326
HORZ SPREAD: 1.974
VERT SPREAD: 1.125
GROUP SPREAD: 1.977
MIN RADIUS: 0.010
MAX RADIUS: 1.244
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.547	0.010
2:	-0.768	-0.542
3:	-0.841	-0.855
4:	0.194	0.270
5:	-0.126	0.205
6:	-0.319	-0.104
7:	-0.079	-0.085
8:	0.427	-0.101
9:	0.092	0.060
10:	-0.119	0.093



TARGET APPROX 1/2 SCALE