

G-6300553

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: **RE00111041** Serial: G6300553 Model: M24 SWS Center Fire Repairman: _____
 Caliber: 7.62 NATO Status: Closed 4/12/2006 1:37:29 PM

Verify Repair **High Priority**

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **60 AERIAL PORT SQD, TRTCD** **60 AERIAL PORT SQD, TRTCD**
 Address 1: **TRAFFIC MANAGEMENT OFFICE** **TRAFFIC MANAGEMENT OFFICE**
 Address 2: **BLDG 977 90 RAGSDALE ST** PO Box: _____ **BLDG 977 90 RAGSDALE ST** PO Box: _____
 City: **TRAVIS AFB** **TRAVIS AFB**
 State: **CA** Zip Code: **94535** Country: **US** State: **CA** Zip Code: **94535** Country: **US**

FFL _____

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **NA** Received Condition: **Fair** Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Condition Notes: _____
 CSR Notes: _____

Repair Search Refresh Close

negletj 4/12/2006 1:51 PM CAPS NUM INS SCRL

start 5 M. Ar... 3 I. 2 M. Pet... Par... SA... 1:51 PM

Serial Number: **G6300553**

Model: **M24 SWS**



RE00111041

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)

DATE 5-8-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	241	266		256	
PULL #2	248	263		249	
PULL #3	250	253		260	
PULL #4	243	243		261	
PULL #5	262	252		245	
TOTAL	1244	1277		1271	
AVERAGE	248	255		254	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	302		
PULL #2	320	317		
PULL #3	315	302		
PULL #4	299	310		
PULL #5	302	310		
TOTAL	1545	1541		
AVERAGE	309	308		

	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	418	396		417
PULL #2	407	404		404
PULL #3	411	403		403
PULL #4	403	410		405
PULL #5	400	398		421
TOTAL	2039	2011		2050
AVERAGE	407	402		410

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300553.__1
FILE DATE AND TIME: 05/22/2006 08:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

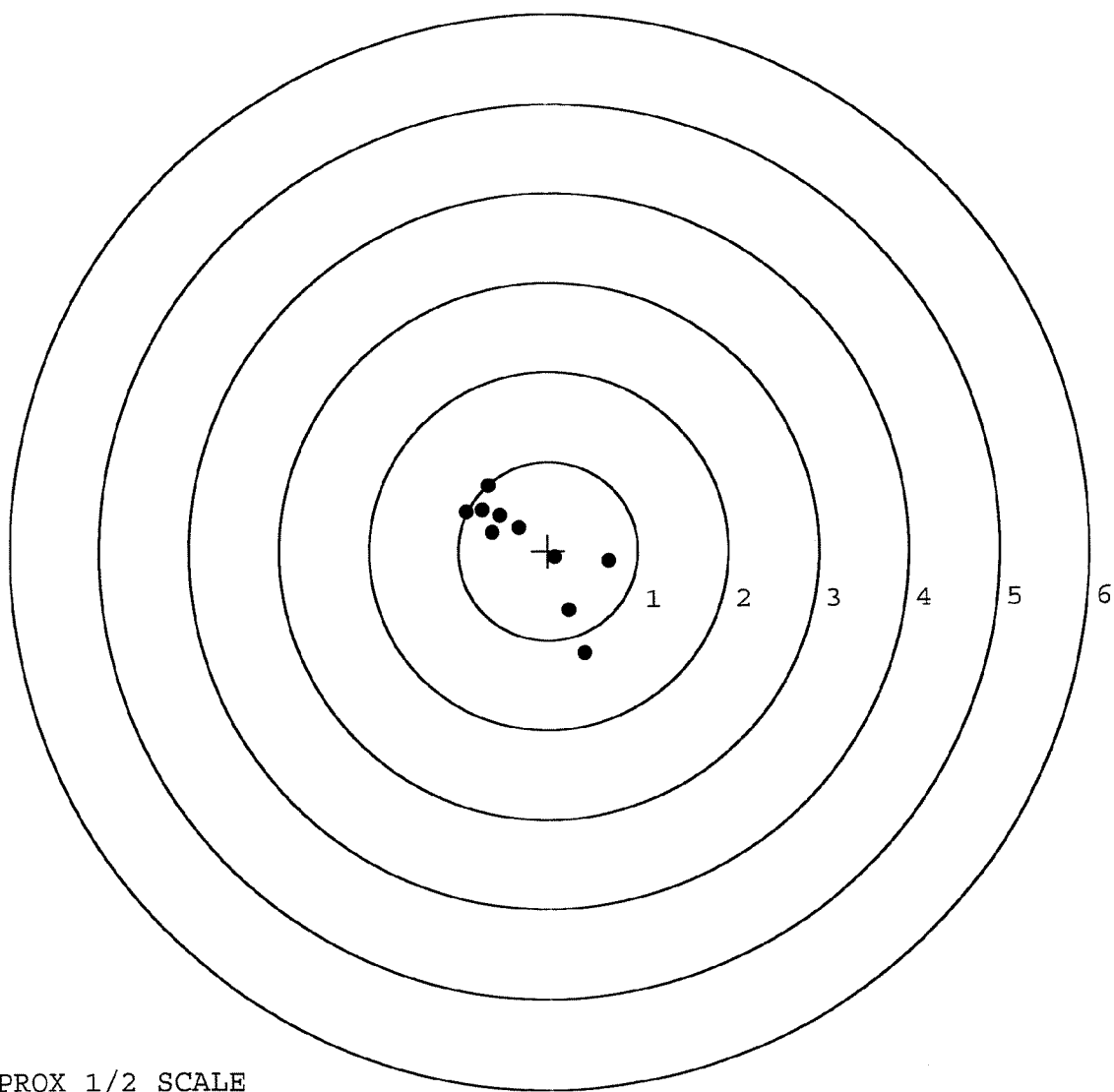
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Ave. mean .733

SERIAL NUMBER: G6300553. __1
TARGET NUMBER: 1
FILE DATE: 05/22/2006
FILE TIME: 08:10

X CENTROID: -0.240
Y CENTROID: 0.049
POA TO CENTROID: 0.245
HORZ SPREAD: 1.590
VERT SPREAD: 1.888
GROUP SPREAD: 2.168
MIN RADIUS: 0.227
MAX RADIUS: 1.363
MEAN RADIUS: 0.684
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.404	-1.153
2:	0.228	-0.673
3:	0.678	-0.125
4:	0.079	-0.079
5:	-0.323	0.260
6:	-0.624	0.208
7:	-0.912	0.445
8:	-0.662	0.735
9:	-0.733	0.465
10:	-0.534	0.403

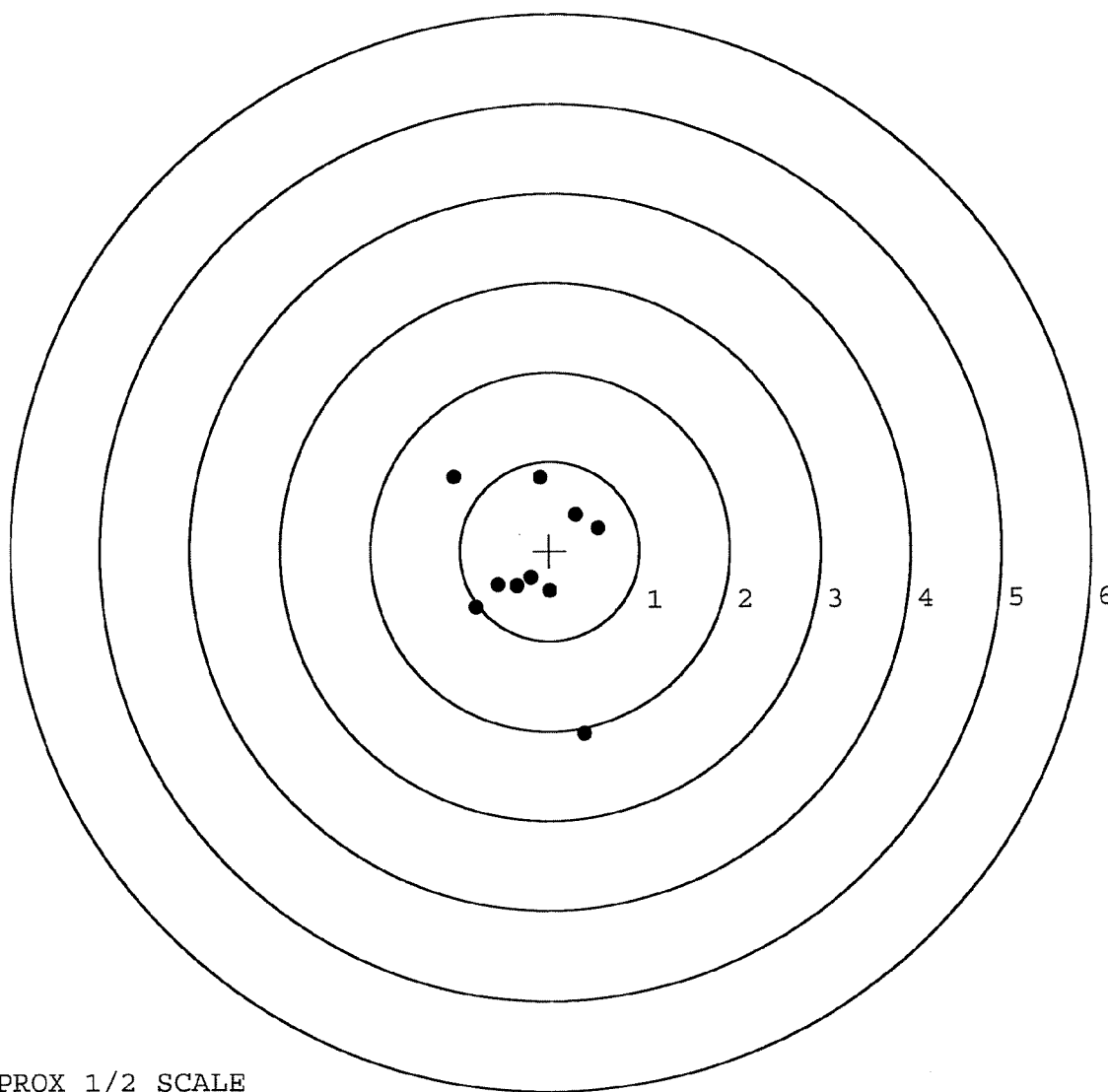


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. __1
TARGET NUMBER: 2
FILE DATE: 05/22/2006
FILE TIME: 08:10

X CENTROID: -0.192
Y CENTROID: -0.189
POA TO CENTROID: 0.270
HORZ SPREAD: 1.603
VERT SPREAD: 2.870
GROUP SPREAD: 3.211
MIN RADIUS: 0.113
MAX RADIUS: 1.933
MEAN RADIUS: 0.782
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.543	0.247
2:	0.294	0.405
3:	-0.101	0.820
4:	-1.060	0.835
5:	-0.003	-0.452
6:	-0.210	-0.301
7:	-0.577	-0.382
8:	-0.823	-0.629
9:	-0.366	-0.398
10:	0.381	-2.035



TARGET APPROX 1/2 SCALE

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

		TAP # <u>W</u>	
R & E NUMBER	<u>11141</u>		
SERIAL NUMBER	<u>G 6300553</u>		
LOG-IN DATE	<u>4-12-06</u>		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-5-06	AC
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
510	DRILL AND TAP		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS	5/12	HP
625	FINAL ASSEMBLY	5-19-06	AC
640	FUNCTION TEST AND	PASS FAIL 5-22-06	TRW
650	TARGET	PASS FAIL 5-22-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-22-06	R.P.
	A) HEADSPACE	PASS FAIL 5-22-06	MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	
		<u>2.23 2.25 2.25 2.29 2.25</u>	AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	
		<u>7lbs. 7lbs. 7lbs.</u>	MTM
	G) SAFETY OFF FORCE	2 LBS MIN	
		<u>3lbs. 3lbs. 3lbs.</u>	MTM
	I) FIRING PIN INDENT	.020	
		<u>.023 .022 .022</u>	MTM
690	PACK	526.06	DA

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

Remington®

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

SERIAL NO.
G6300553

ORDER NO.
25716

46

Made in Illinois, NY Reg. U.S. Pat. & Tar. Office. Marca Registrada. Marque Deposee.

12RX

5716 G6300553

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

- INSTRUCTION BOOK 3518

46 FORM

proof of purchase



owner registration sticker



ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6300553

UPC



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6300 553

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5/20/03	RTL
600	PROOF		5-21-03	AC
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	5/22/03	RTL
610	DIS-ASSEMBLE GUN	MAY 23 2003	5/22/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BK</u>		
615	ROLLMARK CALIBER		6-2-03	LB
617	DRILL AND TAP SIGHT HOLES		5-28-03	TRW
620	APPLY COATINGS (BARREL ACTION)		6-13	TA
	(BOLT)		6-13	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-1-03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-1-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-1-03	DA
	D) OIL FIRING PIN ASSEMBLY		7-1-03	DA
	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>7.2</u> <u>6.5</u> <u>6.5</u>	8-4-03	DA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>3.0</u>	8-4-03	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.022</u>	8-4-03	DA
	J) ASSEMBLE STOCK		7/3/03	RW
	K) ASSEMBLE SWIVEL STUDS		11/10/03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7/3/03	RW
	M) IRON SIGHT ALIGNMENT		7/3/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7/3/03	RW
640	GALLERY TEST AND TARGET	PASS FAIL	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
	MALFUNCTION	CORRECTION	7-25-03	AL
645	INSPECT FOR LIVE AMMO		7-25-03	AL
655	FINAL INSPECTION A) HEADSPACE		11/10/03	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.67</u> <u>2.65</u> <u>2.70</u> <u>2.66</u> <u>2.76</u>	8/6/03	DA
	C) FUNCTION		11/10/03	RW
660	PACK		11/11/03	DA

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 7-2-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.43		2.63	
PULL #2	2.49	2.44		2.70	
PULL #3	2.45	2.49		2.71	
PULL #4	2.38	2.52		2.64	
PULL #5	2.29	2.50		2.60	
TOTAL	12.14	12.38		13.28	
AVERAGE	2.42	2.47		2.65	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.15		
PULL #2	3.06	3.14		
PULL #3	3.08	3.16		
PULL #4	3.15	3.15		
PULL #5	3.08	3.14		
TOTAL	15.60	15.74		
AVERAGE	3.12	3.14		

	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	4.04	4.35		4.10
PULL #2	4.30	4.30		4.22
PULL #3	4.08	4.25		4.27
PULL #4	4.16	4.33		4.30
PULL #5	4.23	4.29		4.06
TOTAL	20.81	21.52		20.95
AVERAGE	4.16	4.30		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300553.__0
FILE DATE AND TIME: 07/25/2003 06:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.077
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.937
The Distance from POA to Centroid Target #1:	0.422
The Distance from Centroid Target #2 to Centroid Target #1:	0.347
The Distance from Centroid Target #3 to Centroid Target #1:	0.531
The Distance from Centroid Target #4 to Centroid Target #1:	0.648
The Distance from Centroid Target #5 to Centroid Target #1:	0.274

SERIAL NUMBER: G6300553. 0

TARGET NUMBER: 1

FILE DATE: 07/25/2003

FILE TIME: 06:50

X CENTROID: -0.309

Y CENTROID: -0.287

POA TO CENTROID: 0.422

HORZ SPREAD: 2.506

VERT SPREAD: 3.506

GROUP SPREAD: 3.880

MIN RADIUS: 0.177

MAX RADIUS: 2.028

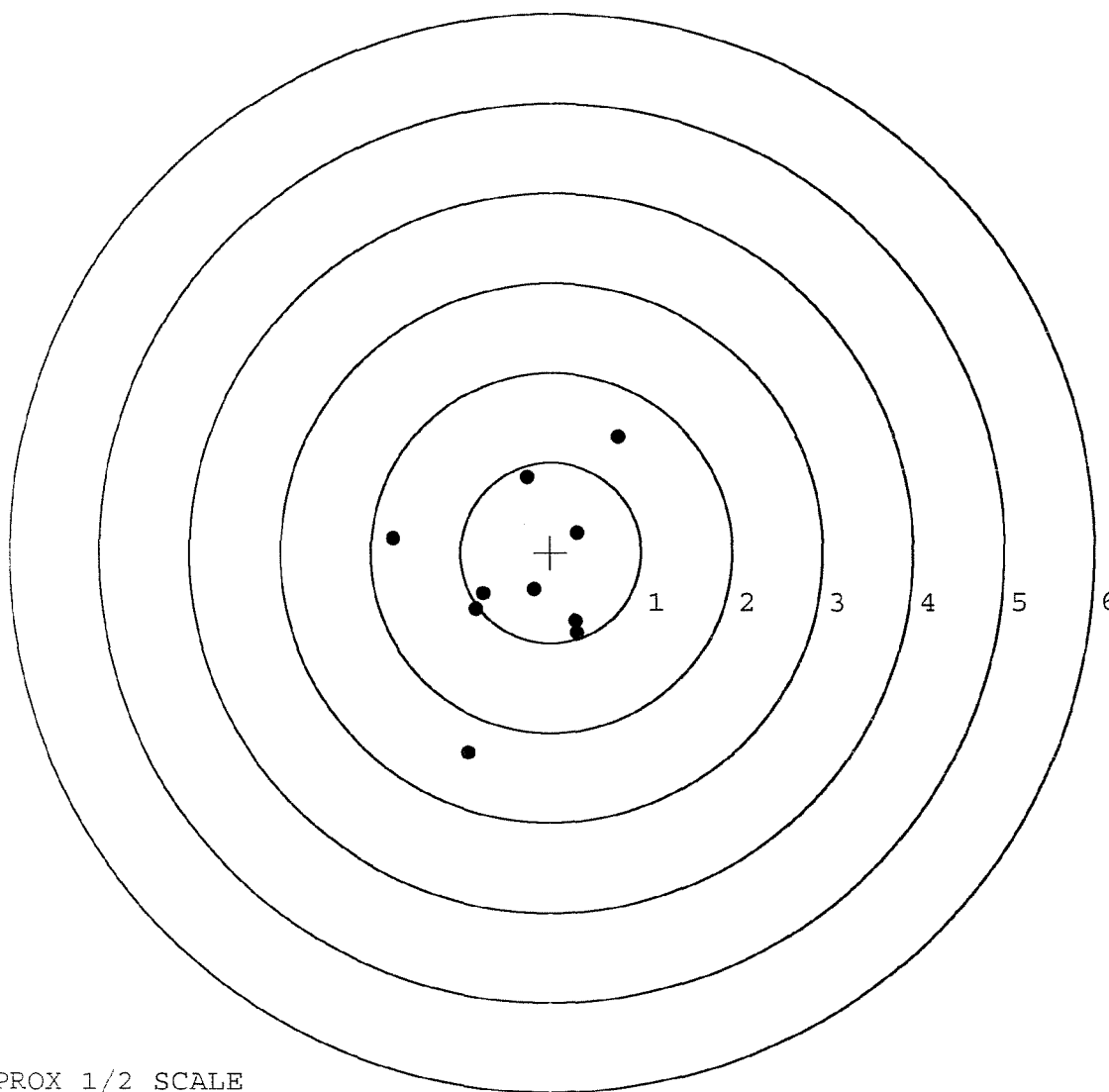
MEAN RADIUS: 1.023

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.748	1.283
2:	-0.263	0.836
3:	-1.758	0.161
4:	-0.914	-2.223
5:	0.290	0.224
6:	-0.184	-0.412
7:	-0.751	-0.451
8:	-0.827	-0.626
9:	0.291	-0.899
10:	0.276	-0.764

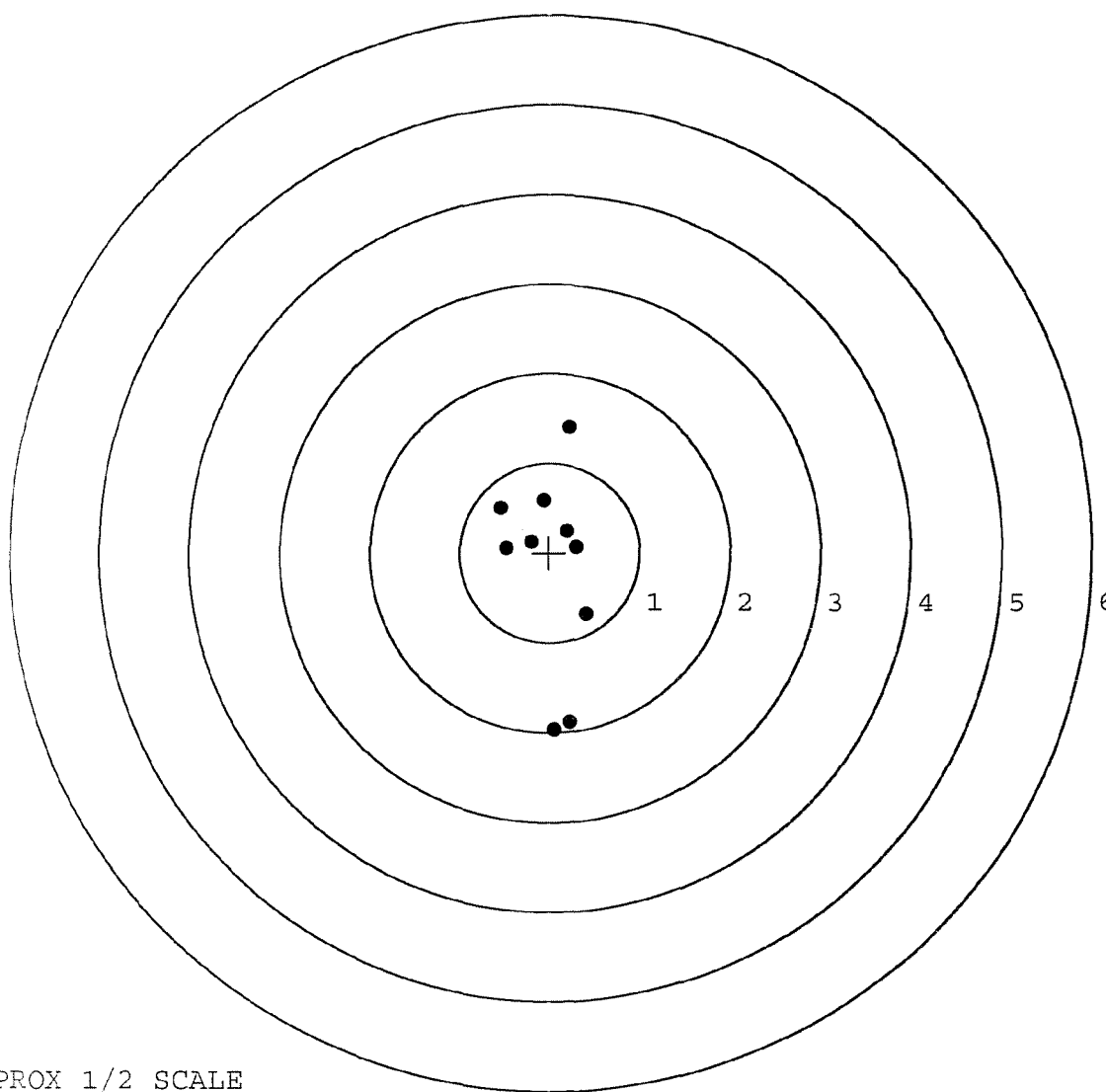


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. __0
TARGET NUMBER: 2
FILE DATE: 07/25/2003
FILE TIME: 06:50

X CENTROID: 0.012
Y CENTROID: -0.158
POA TO CENTROID: 0.158
HORZ SPREAD: 0.952
VERT SPREAD: 3.375
GROUP SPREAD: 3.379
MIN RADIUS: 0.350
MAX RADIUS: 1.819
MEAN RADIUS: 0.910
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.054	-1.976
2:	0.228	-1.891
3:	0.407	-0.686
4:	0.299	0.069
5:	0.196	0.245
6:	0.226	1.399
7:	-0.065	0.581
8:	-0.545	0.505
9:	-0.477	0.056
10:	-0.200	0.121



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. __0

TARGET NUMBER: 3

FILE DATE: 07/25/2003

FILE TIME: 06:50

X CENTROID: 0.015

Y CENTROID: 0.134

POA TO CENTROID: 0.135

HORZ SPREAD: 1.125

VERT SPREAD: 4.419

GROUP SPREAD: 4.560

MIN RADIUS: 0.195

MAX RADIUS: 2.597

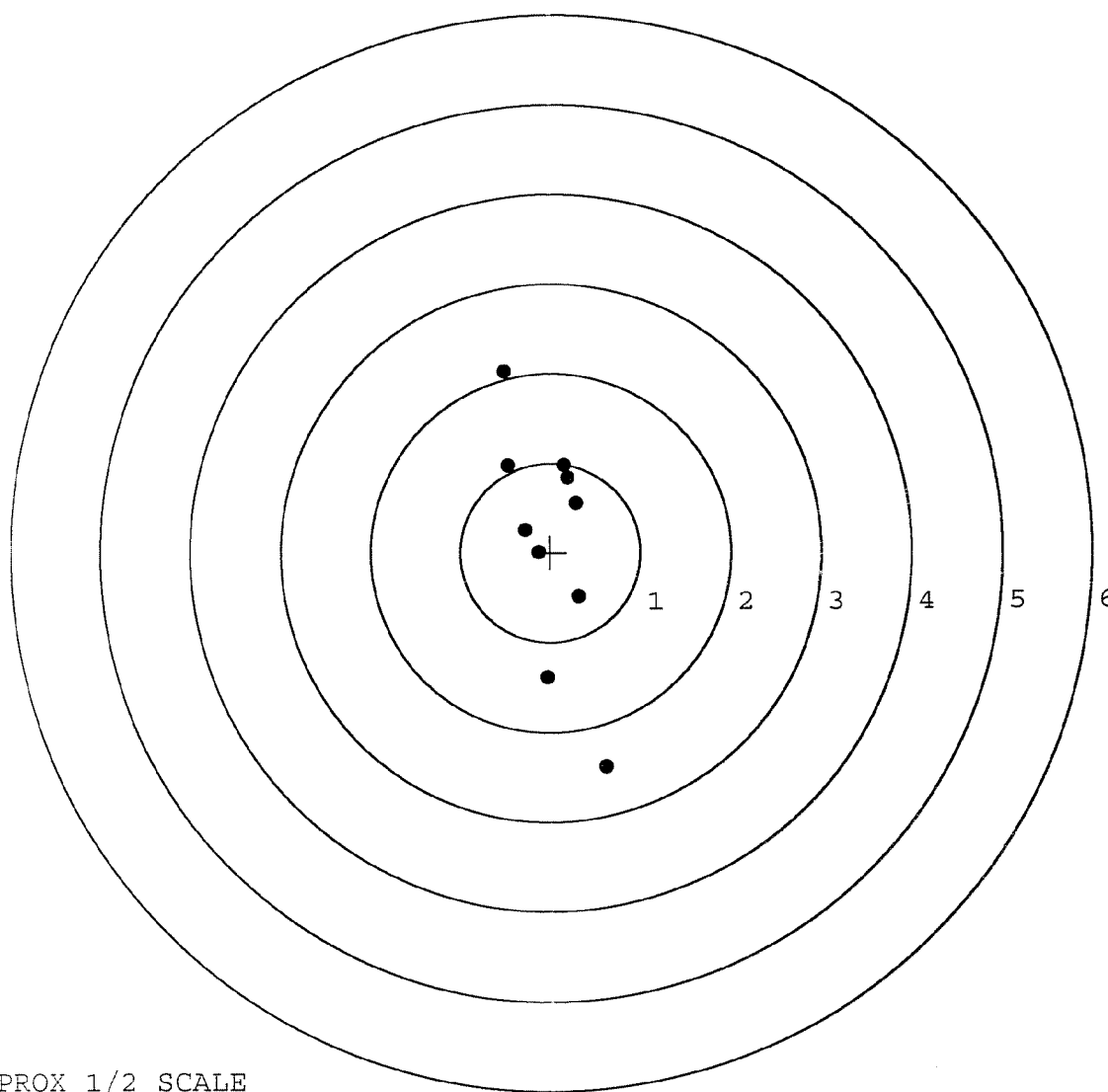
MEAN RADIUS: 1.036

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.509	2.026
2:	-0.467	0.979
3:	0.154	0.976
4:	0.195	0.838
5:	0.290	0.551
6:	-0.279	0.248
7:	-0.132	0.006
8:	0.318	-0.496
9:	-0.037	-1.398
10:	0.616	-2.393

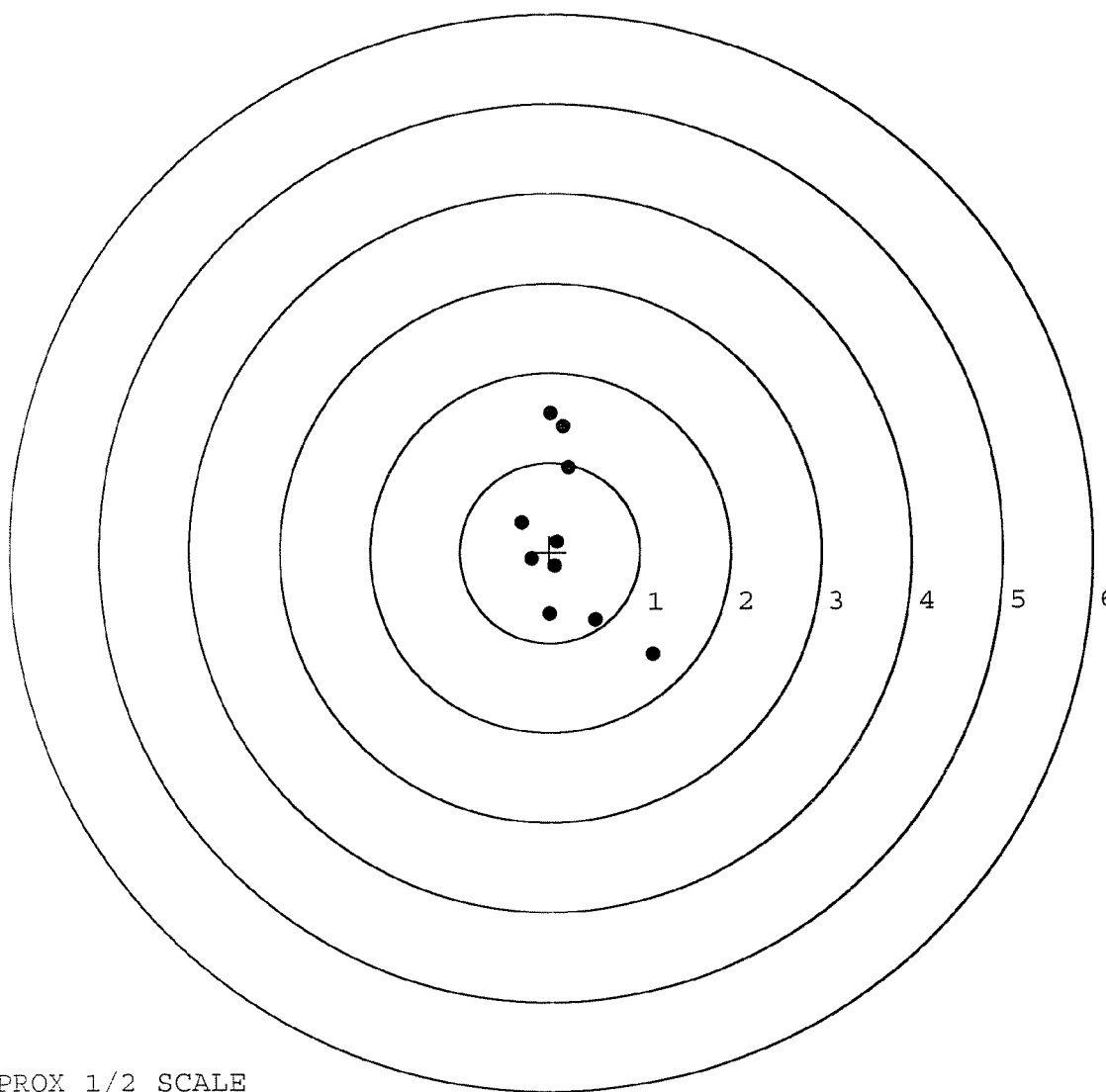


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. __0
TARGET NUMBER: 4
FILE DATE: 07/25/2003
FILE TIME: 06:50

X CENTROID: 0.165
Y CENTROID: 0.155
POA TO CENTROID: 0.226
HORZ SPREAD: 1.445
VERT SPREAD: 2.689
GROUP SPREAD: 2.912
MIN RADIUS: 0.088
MAX RADIUS: 1.616
MEAN RADIUS: 0.824
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.018	1.552
2:	0.157	1.403
3:	0.218	0.945
4:	-0.310	0.331
5:	0.085	0.118
6:	-0.202	-0.075
7:	0.059	-0.156
8:	-0.013	-0.681
9:	0.503	-0.750
10:	1.135	-1.137

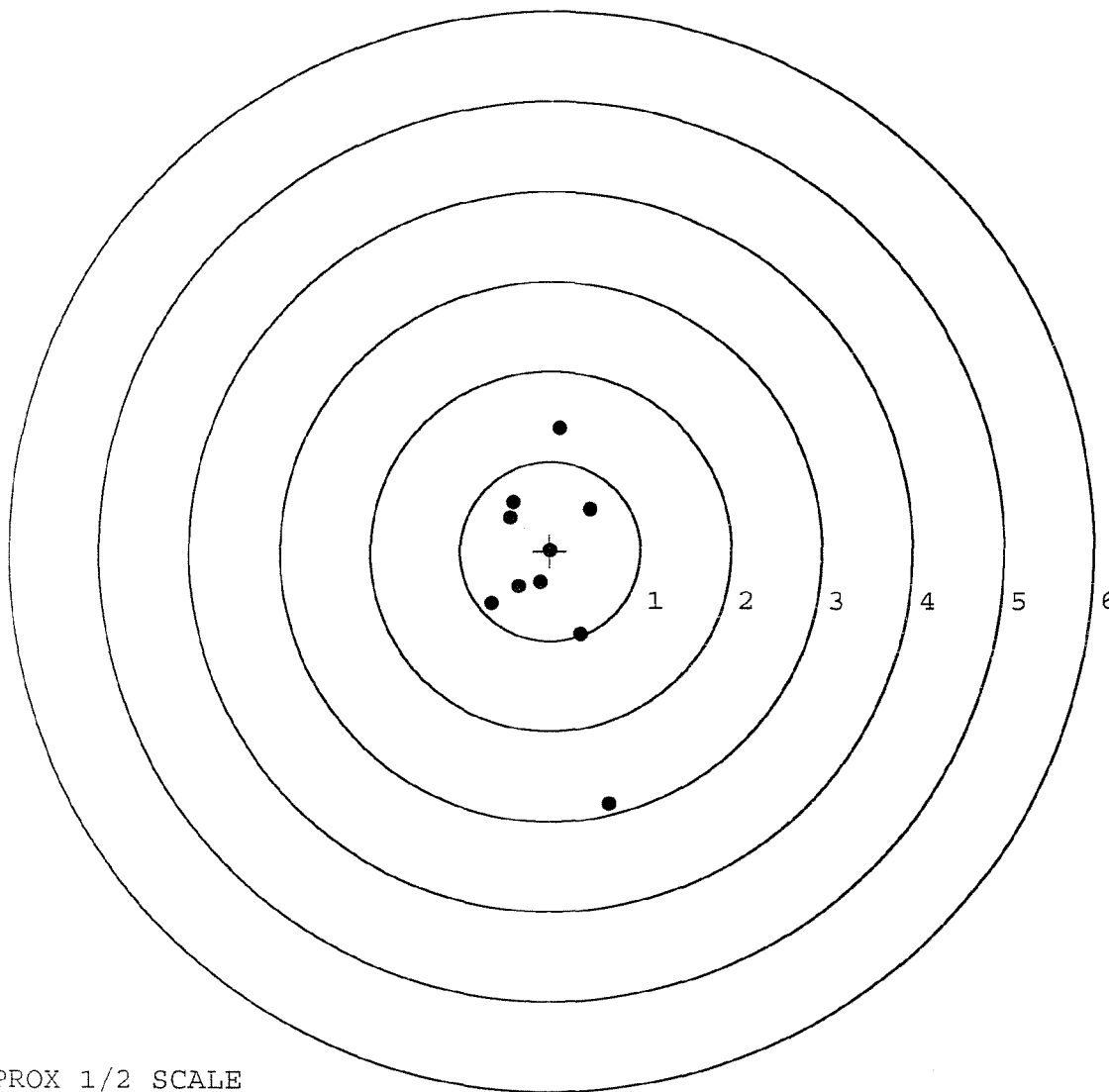


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300553. 0
TARGET NUMBER: 5
FILE DATE: 07/25/2003
FILE TIME: 06:50

X CENTROID: -0.041
Y CENTROID: -0.231
POA TO CENTROID: 0.234
HORZ SPREAD: 1.315
VERT SPREAD: 4.176
GROUP SPREAD: 4.214
MIN RADIUS: 0.137
MAX RADIUS: 2.676
MEAN RADIUS: 0.895
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.103	1.364
2:	0.441	0.467
3:	-0.410	0.547
4:	-0.440	0.380
5:	-0.002	0.013
6:	-0.109	-0.350
7:	-0.352	-0.399
8:	-0.650	-0.585
9:	0.341	-0.930
10:	0.665	-2.812



TARGET APPROX 1/2 SCALE