

G6410294

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



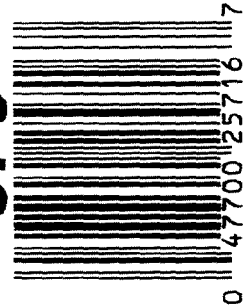
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6410294

UPC



RECEIVED
FEB 24 1964
FBI - NEW YORK

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.



10/26/2004 7:51:17 AM
Original
3
Crib

25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)



.MA25716

Shop Order: SWS10-15-5



.ABSWS10-15-5

Start Date: 9/20/2004

Finish Date: 10/15/2004

0540

Flat Black Powder Coat, Barrel and

01PC001



0003512703

0560

Reassemble Action.

89SWS1



0003512704

0690

Pack Rifle

89SWS1



0003512697

0700

Stencil SWS Container

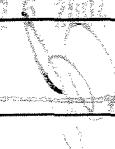
89SWS1



.OP0700

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410294

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8-24-04	RTL
600	PROOF		8-24-04	RTL
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-24-04	RTL
610	DIS-ASSEMBLE GUN	AUG 26 2004	8-24-04	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR 		
615	ROLLMARK CALIBER		8/25/04	AB
617	DRILL AND TAP SIGHT HOLES		8-24-04	TRW
620	APPLY COATINGS (BARREL ACTION)		9/7	HP
	(BOLT)		9/7	
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10-5-04	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10-5-04	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10-5-04	RTL
	D) OIL FIRING PIN ASSEMBLY		10-5-04	RTL
	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>5.5</u>	<u>5.9</u>	<u>5.5</u>	10/7/04	DA		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.9</u>	<u>2.9</u>	<u>2.9</u>	10/7/04	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>1020</u>	<u>1021</u>	<u>1021</u>	10/7/04	DA		
	J) ASSEMBLE STOCK					10-5-04	RTZ		
	K) ASSEMBLE SWIVEL STUDS					10-12-04	RTZ		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					10-5-04	RTZ		
	M) IRON SIGHT ALIGNMENT					10-5-04	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					10-6-04	RTZ		
640	GALLERY TEST AND TARGET		PASS	FAIL		10-7-04	TRW		
	MALFUNCTION		CORRECTION			NA	TRW		
	MALFUNCTION		CORRECTION			NA	TRW		
	MALFUNCTION		CORRECTION			NA	TRW		
	MALFUNCTION		CORRECTION			NA	TRW		
645	INSPECT FOR LIVE AMMO					10-7-04	TRW		
655	FINAL INSPECTION A) HEADSPACE					10-12-04	RTZ		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.22</u>	<u>2.26</u>	<u>2.26</u>	<u>2.19</u>	<u>2.26</u>	10/7/04	DA
	C) FUNCTION					10-12-04	RTZ		
660	PACK					10/22/04	DA		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
BARBER - M24 0149793
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 10-1-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.07	2.21		2.21	
PULL #2	2.16	2.38		2.22	
PULL #3	2.40	2.24		2.23	
PULL #4	2.31	2.31		2.23	
PULL #5	2.45	2.73		2.29	
TOTAL	11.39	11.87		11.18	
AVERAGE	2.27	2.37		2.23	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.41		
PULL #2	3.42	3.43		
PULL #3	3.33	3.46		
PULL #4	3.27	3.43		
PULL #5	3.33	3.43		
TOTAL	16.64	17.16		
AVERAGE	3.32	3.43		

	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	4.11	4.02		4.57
PULL #2	4.11	4.06		4.08
PULL #3	4.14	4.09		4.12
PULL #4	4.19	4.09		4.42
PULL #5	4.21	3.90		4.08
TOTAL	20.76	20.16		21.27
AVERAGE	4.15	4.03		4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410294.___0
FILE DATE AND TIME: 10/07/2004 06:41

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

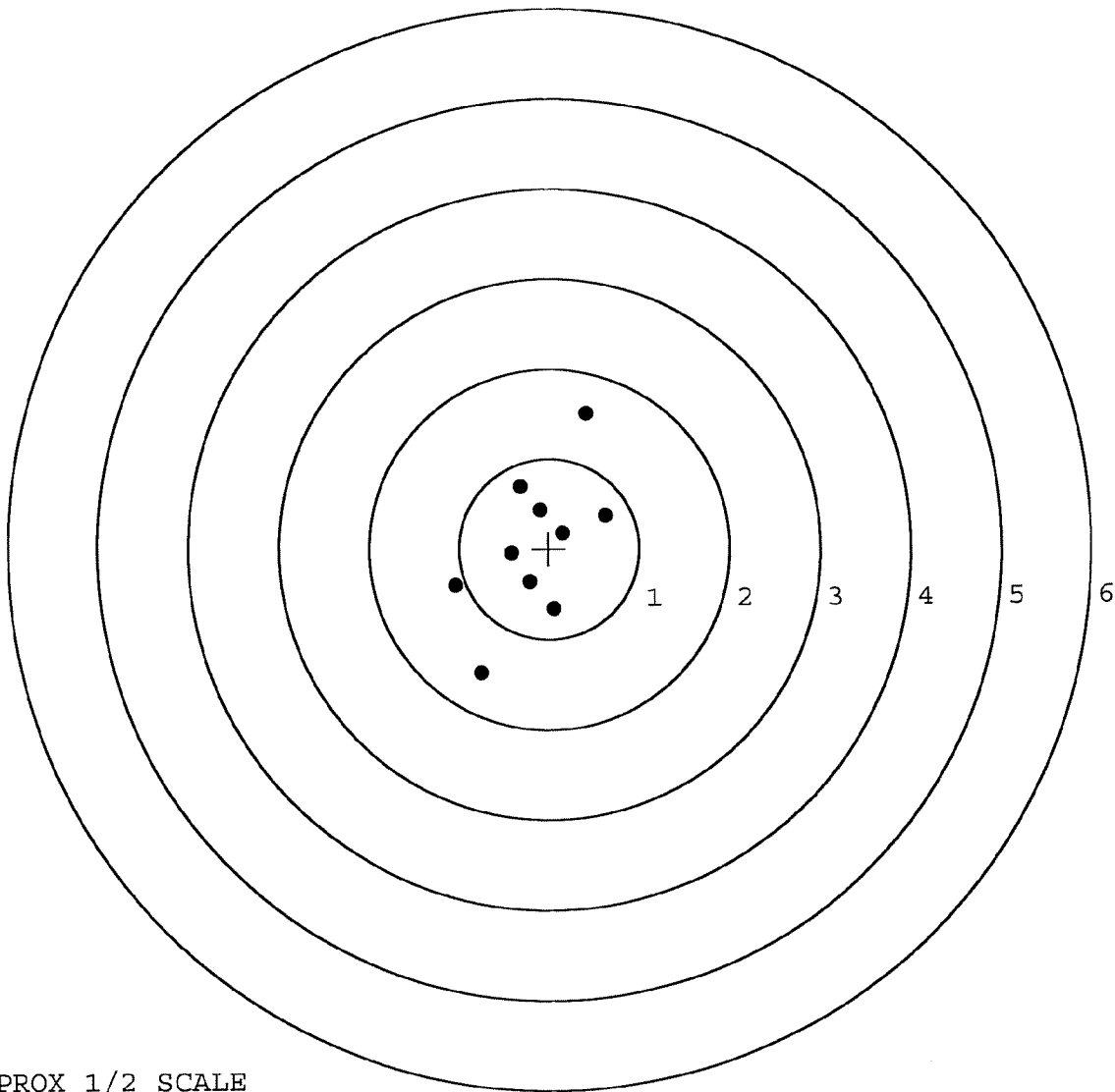
The Average X Centroid of the Five Target Set:	0.026
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.026
The Average Mean Radius of the Five Target Set:	0.922
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.275
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.354

SERIAL NUMBER: G6410294. __ 0
 TARGET NUMBER: 1
 FILE DATE: 10/07/2004
 FILE TIME: 06:41

POINT#	X	Y
1:	-0.764	-1.369
2:	-1.043	-0.402
3:	-0.414	-0.052
4:	-0.214	-0.371
5:	0.055	-0.670
6:	0.631	0.365
7:	0.155	0.172
8:	-0.099	0.433
9:	-0.316	0.691
10:	0.425	1.504

X CENTROID: -0.158
 Y CENTROID: 0.030
 POA TO CENTROID: 0.161
 HORZ SPREAD: 1.674
 VERT SPREAD: 2.873
 GROUP SPREAD: 3.109
 MIN RADIUS: 0.268
 MAX RADIUS: 1.585
 MEAN RADIUS: 0.779

IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 8

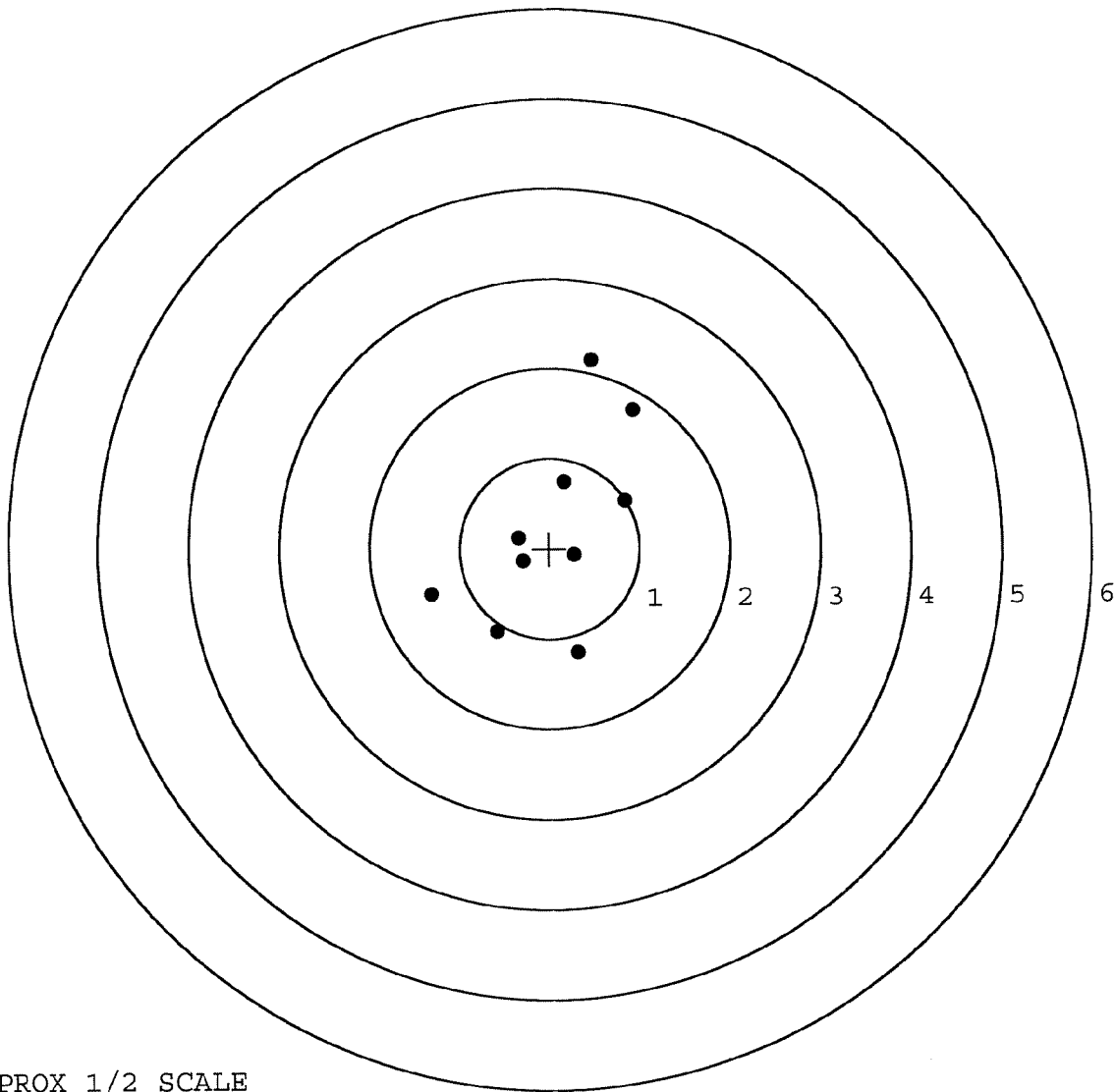


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410294. 0
 TARGET NUMBER: 2
 FILE DATE: 10/07/2004
 FILE TIME: 06:41

POINT#	X	Y
1:	0.307	-1.158
2:	-0.590	-0.915
3:	-1.315	-0.498
4:	-0.296	-0.137
5:	-0.344	0.122
6:	0.274	-0.067
7:	0.843	0.521
8:	0.173	0.737
9:	0.936	1.532
10:	0.485	2.089

X CENTROID: 0.047
 Y CENTROID: 0.223
 POA TO CENTROID: 0.228
 HORZ SPREAD: 2.251
 VERT SPREAD: 3.247
 GROUP SPREAD: 3.252
 MIN RADIUS: 0.368
 MAX RADIUS: 1.917
 MEAN RADIUS: 1.040
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

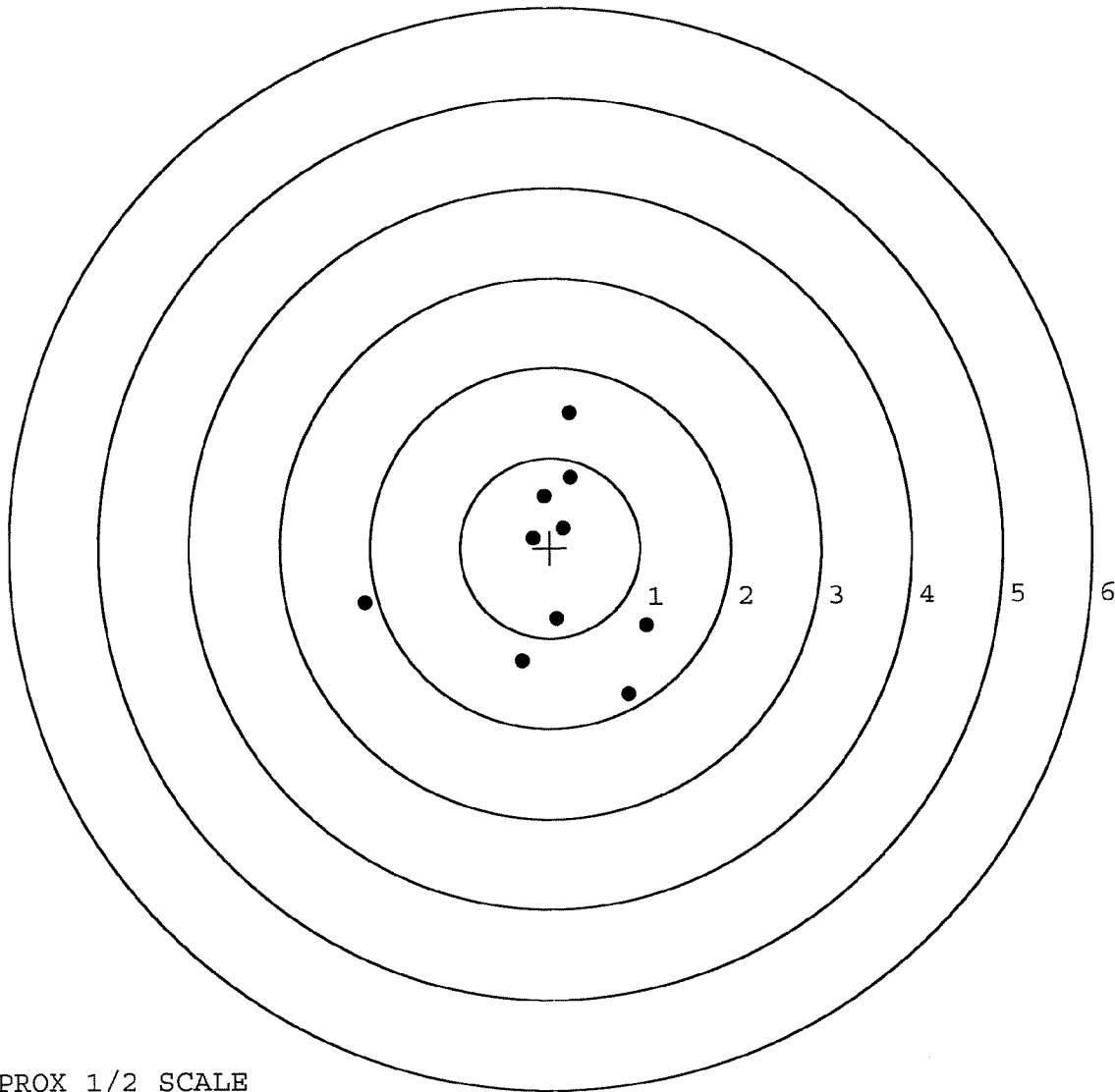


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410294. 0
 TARGET NUMBER: 3
 FILE DATE: 10/07/2004
 FILE TIME: 06:41

X CENTROID: -0.003
 Y CENTROID: -0.197
 POA TO CENTROID: 0.197
 HORZ SPREAD: 3.132
 VERT SPREAD: 3.136
 GROUP SPREAD: 3.144
 MIN RADIUS: 0.360
 MAX RADIUS: 2.101
 MEAN RADIUS: 1.104
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.856	-1.637
2:	1.066	-0.875
3:	0.069	-0.789
4:	-0.321	-1.256
5:	-2.066	-0.597
6:	-0.191	0.110
7:	0.148	0.215
8:	-0.064	0.577
9:	0.238	0.782
10:	0.231	1.499



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410294. __ 0

TARGET NUMBER: 4

FILE DATE: 10/07/2004

FILE TIME: 06:41

POINT#	X	Y
1:	1.125	-0.562
2:	0.730	-0.286
3:	0.952	0.243
4:	0.572	-0.541
5:	0.080	-0.414
6:	-0.307	-0.325
7:	-0.751	-0.204
8:	-0.980	0.657
9:	-0.548	0.521
10:	-0.221	0.873

X CENTROID: 0.065

Y CENTROID: -0.004

POA TO CENTROID: 0.065

HORZ SPREAD: 2.105

VERT SPREAD: 1.435

GROUP SPREAD: 2.432

MIN RADIUS: 0.410

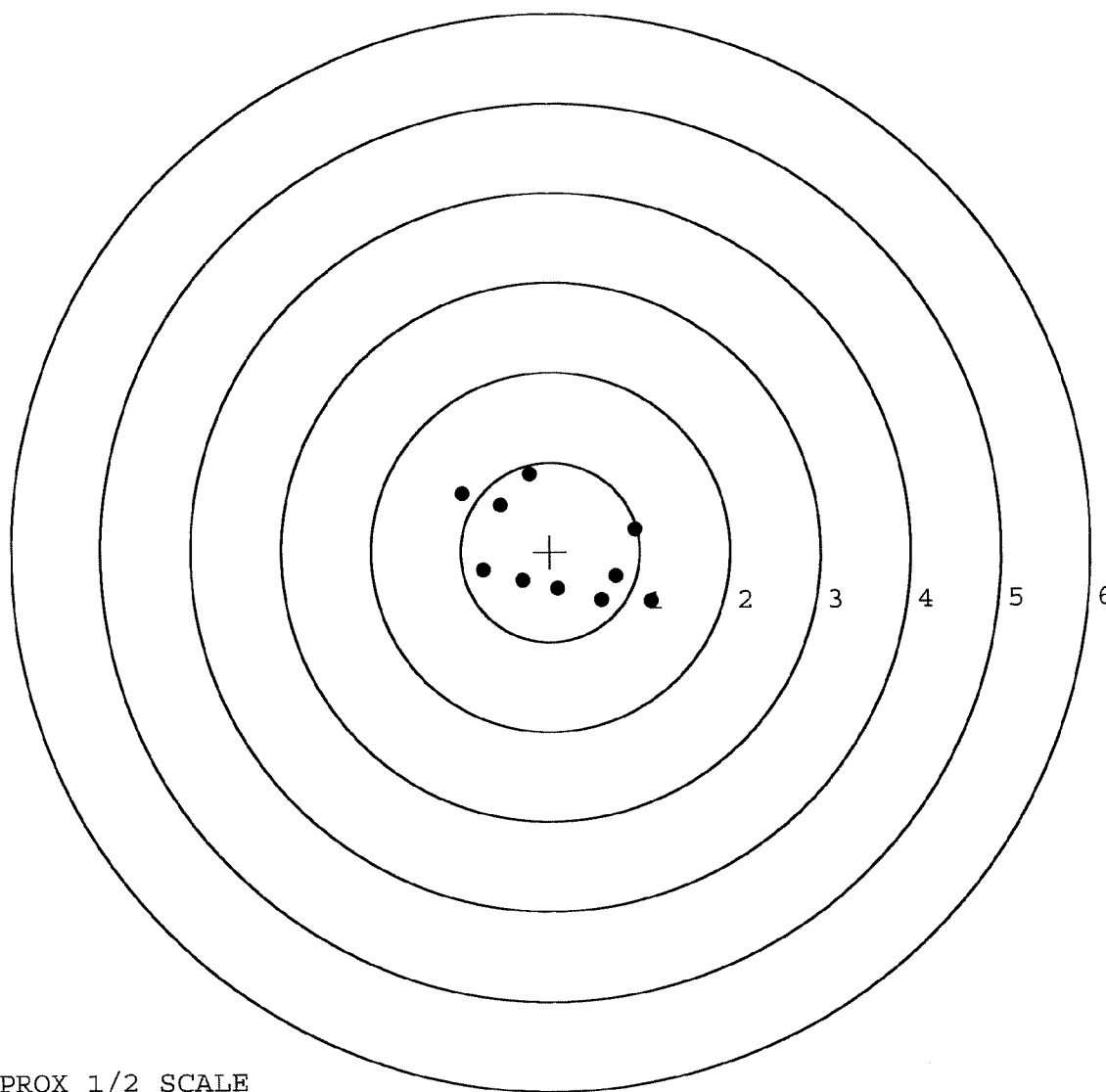
MAX RADIUS: 1.237

MEAN RADIUS: 0.829

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410294. 0

TARGET NUMBER: 5

FILE DATE: 10/07/2004

FILE TIME: 06:41

X CENTROID: 0.180

Y CENTROID: -0.074

POA TO CENTROID: 0.194

HORZ SPREAD: 2.131

VERT SPREAD: 2.071

GROUP SPREAD: 2.392

MIN RADIUS: 0.263

MAX RADIUS: 1.375

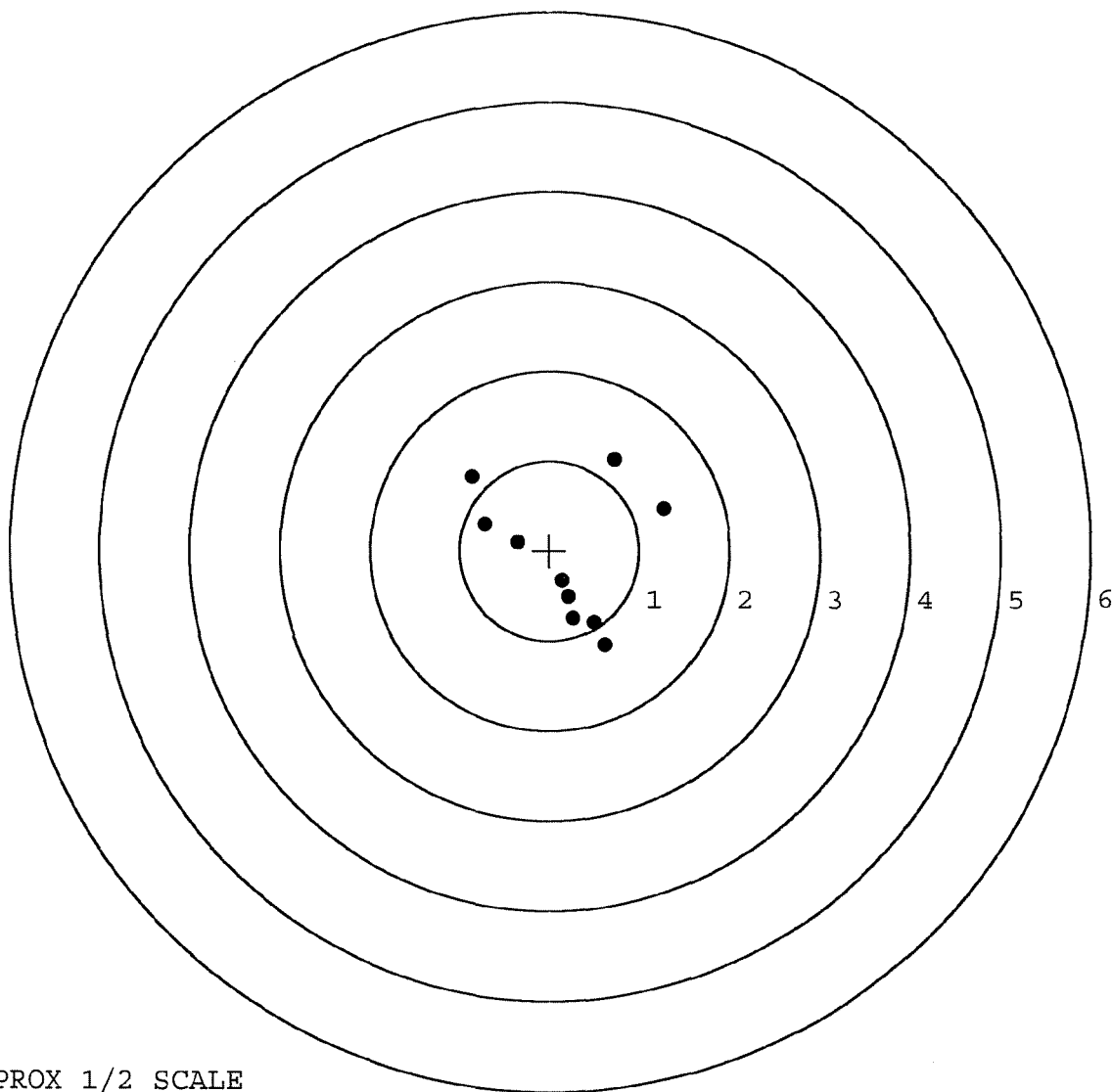
MEAN RADIUS: 0.860

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.268	0.465
2:	0.730	1.018
3:	0.621	-1.053
4:	0.140	-0.334
5:	-0.351	0.097
6:	-0.722	0.305
7:	-0.863	0.823
8:	0.213	-0.514
9:	0.263	-0.755
10:	0.497	-0.794



TARGET APPROX 1/2 SCALE