

G 60296727

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

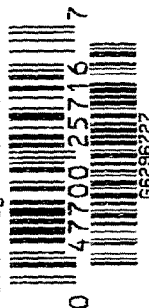
- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



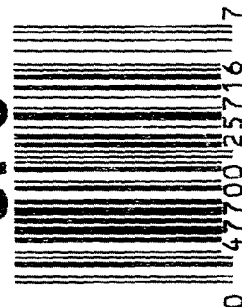
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6296727

UPC



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6296727

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RL
600	PROOF		11-12-03	RL
607	CHECK HEADSPACE		11-12-03	RL
610	DIS-ASSEMBLE GUN		11-13-03	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	NOV 14 2003 OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		11-14-03	BS
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRW
620	APPLY COATINGS (BARREL ACTION)		11-14-03	
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12/3/03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12/3/03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12/3/03	DA
	D) OIL FIRING PIN ASSEMBLY		12/3/03	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 lbs</u> <u>7 lbs</u> <u>7 lbs</u>	12-11-03	Ac
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3 lbs</u> <u>3 lbs</u> <u>3 lbs</u>	12-11-03	Ac
	H) TRIGGER PULL TEST AND RETAINABILITY		12-11-03	RT
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.022</u>	12-11-03	Ac
	J) ASSEMBLE STOCK		12-3-03	RT
	K) ASSEMBLE SWIVEL STUDS		12-15-03	RT
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-3-03	RT
	M) IRON SIGHT ALIGNMENT		12-3-03	RT
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-3-03	RT
640	GALLERY TEST AND TARGET	PASS FAIL	12-4-03	A
	MALFUNCTION <i>SBC</i>	CORRECTION <i>OK AC 12/10/03</i>	12-4-03	A
	MALFUNCTION	CORRECTION	12-4-03	A
	MALFUNCTION	CORRECTION	12-4-03	A
	MALFUNCTION	CORRECTION	12-4-03	A
645	INSPECT FOR LIVE AMMO		12-4-03	A
655	FINAL INSPECTION A) HEADSPACE		12-15-03	RT
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.67</u> <u>2.55</u> <u>2.52</u> <u>2.60</u> <u>2.89</u>	12/10/03	RT
	C) FUNCTION		12-15-03	RT
660	PACK		12/10/03	RT

AVERAGE PULL FORCE BETWEEN
 INITIAL & CYCLE TESTS
BARBER M24 0158818

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

TESTER

12-3-03

CD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.53	2.22		2.20	
PULL #2	2.63	2.55		2.17	
PULL #3	2.44	2.57		2.28	
PULL #4	2.51	2.53		2.25	
PULL #5	2.68	2.20		2.04	
TOTAL	12.79	12.07		10.94	
AVERAGE	2.55	2.41		2.18	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	2.83		
PULL #2	3.18	2.82		
PULL #3	3.22	2.87		
PULL #4	3.09	2.86		
PULL #5	3.12	2.79		
TOTAL	15.85	14.17		
AVERAGE	3.17	2.83		

	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	4.16	3.66		3.82
PULL #2	3.98	3.54		3.62
PULL #3	4.05	3.62		3.65
PULL #4	3.84	3.68		3.58
PULL #5	4.27	3.65		3.65
TOTAL	20.30	18.15		18.32
AVERAGE	4.06	3.63		3.66

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296727.___0
FILE DATE AND TIME: 12/04/2003 11:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

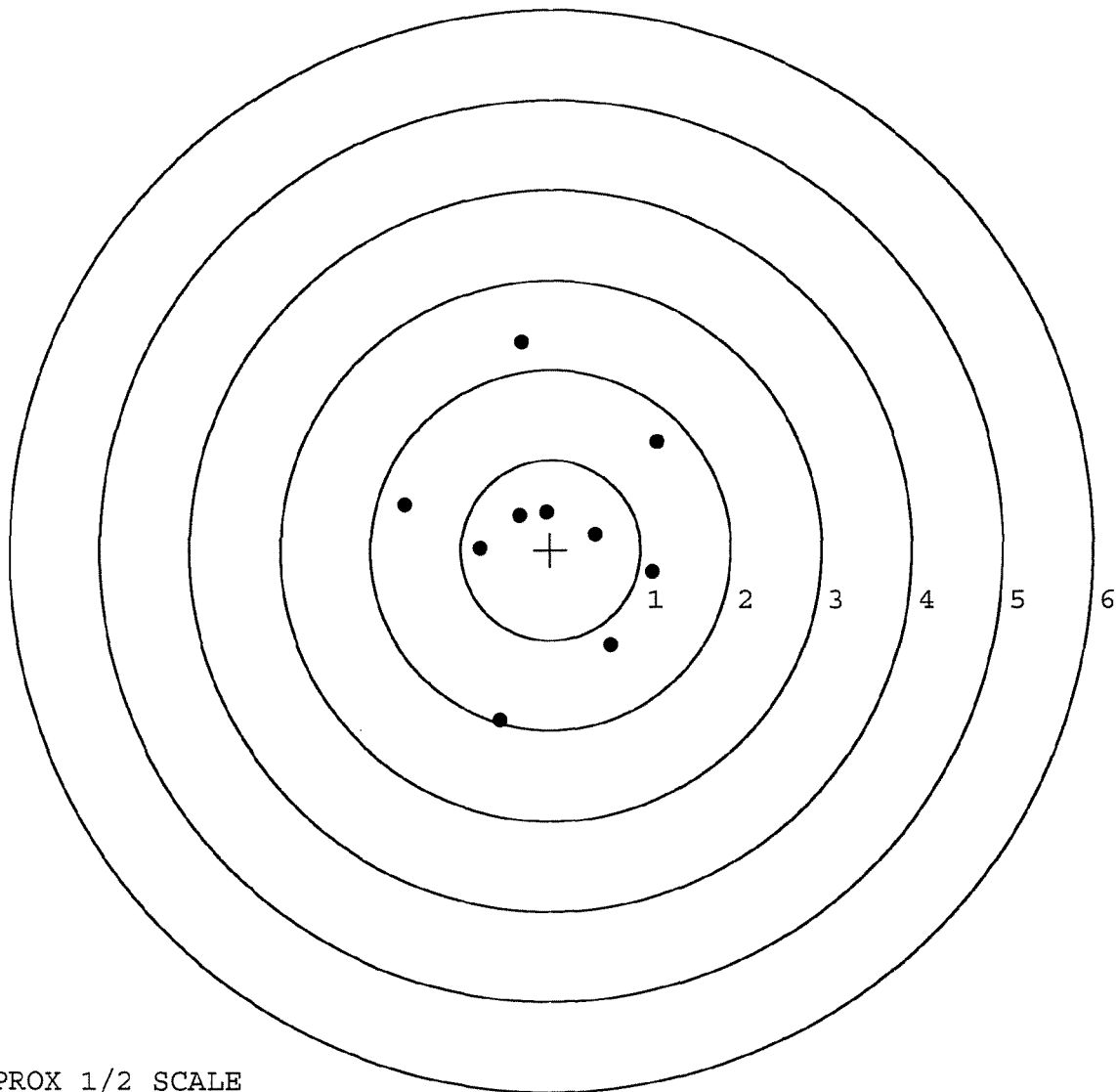
The Average X Centroid of the Five Target Set:	-0.036
The Average Y Centroid of the Five Target Set:	0.091
The Average Point of Impact of the Five Target Set:	0.098
The Average Mean Radius of the Five Target Set:	1.066
The Distance from POA to Centroid Target #1:	0.182
The Distance from Centroid Target #2 to Centroid Target #1:	0.332
The Distance from Centroid Target #3 to Centroid Target #1:	0.253
The Distance from Centroid Target #4 to Centroid Target #1:	0.174
The Distance from Centroid Target #5 to Centroid Target #1:	0.129

BARBER - M24 0158820

SERIAL NUMBER: G6296727. 0
 TARGET NUMBER: 1
 FILE DATE: 12/04/2003
 FILE TIME: 11:35

POINT#	X	Y
1:	-0.320	2.312
2:	1.185	1.196
3:	1.133	-0.251
4:	0.670	-1.059
5:	-0.561	-1.894
6:	-1.620	0.503
7:	-0.786	0.024
8:	-0.348	0.381
9:	-0.049	0.418
10:	0.500	0.177

X CENTROID: -0.020
 Y CENTROID: 0.181
 POA TO CENTROID: 0.182
 HORZ SPREAD: 2.805
 VERT SPREAD: 4.206
 GROUP SPREAD: 4.213
 MIN RADIUS: 0.239
 MAX RADIUS: 2.152
 MEAN RADIUS: 1.208
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 6



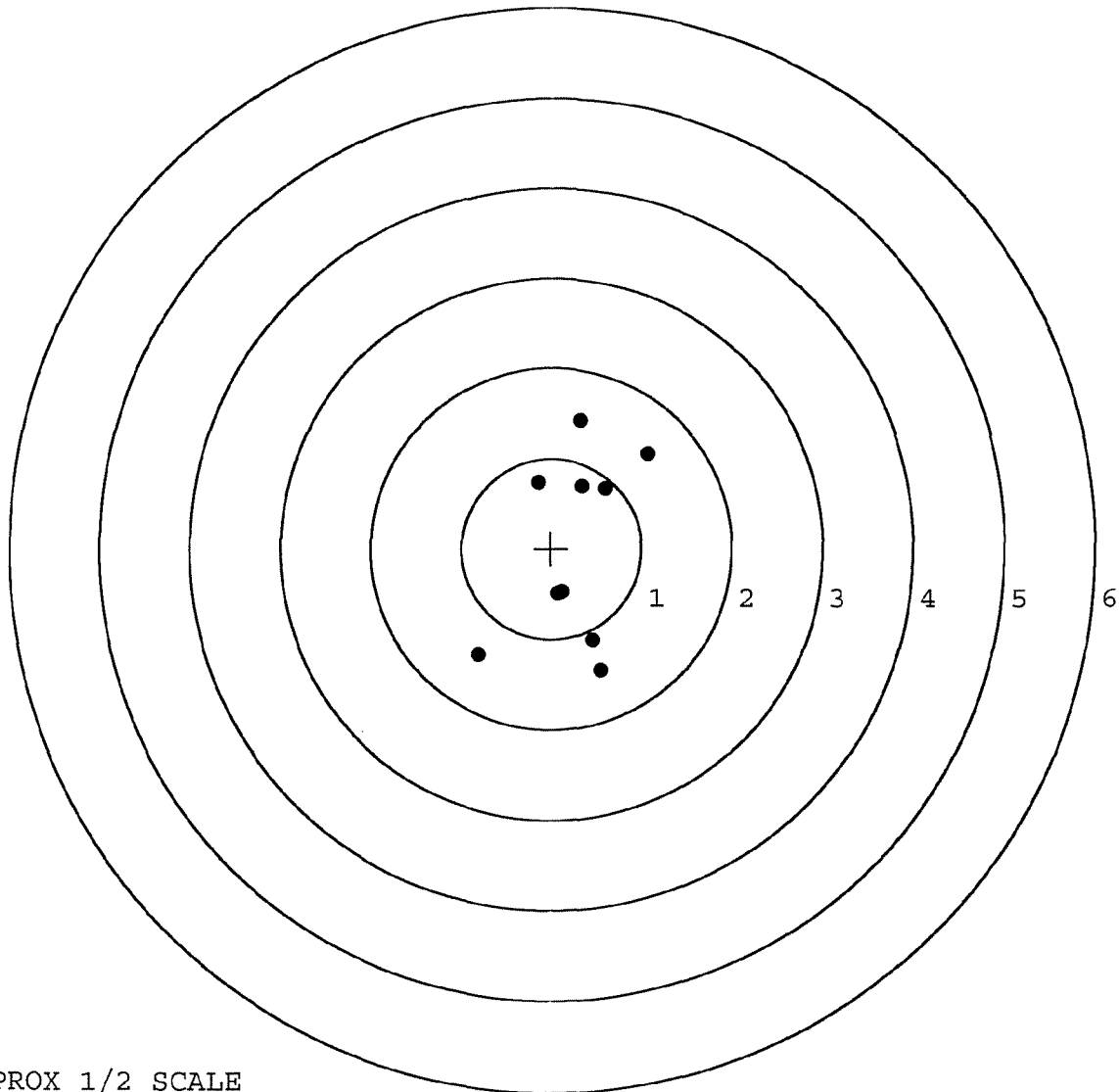
TARGET APPROX 1/2 SCALE

BARBER - M24 0158821

SERIAL NUMBER: G6296727. __ 0
 TARGET NUMBER: 2
 FILE DATE: 12/04/2003
 FILE TIME: 11:35

POINT#	X	Y
1:	-0.141	0.738
2:	0.343	0.698
3:	0.603	0.672
4:	1.073	1.052
5:	0.323	1.416
6:	0.075	-0.503
7:	-0.810	-1.178
8:	0.556	-1.351
9:	0.464	-1.018
10:	0.124	-0.485

X CENTROID: 0.261
 Y CENTROID: 0.004
 POA TO CENTROID: 0.261
 HORZ SPREAD: 1.883
 VERT SPREAD: 2.767
 GROUP SPREAD: 2.919
 MIN RADIUS: 0.508
 MAX RADIUS: 1.595
 MEAN RADIUS: 1.010
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

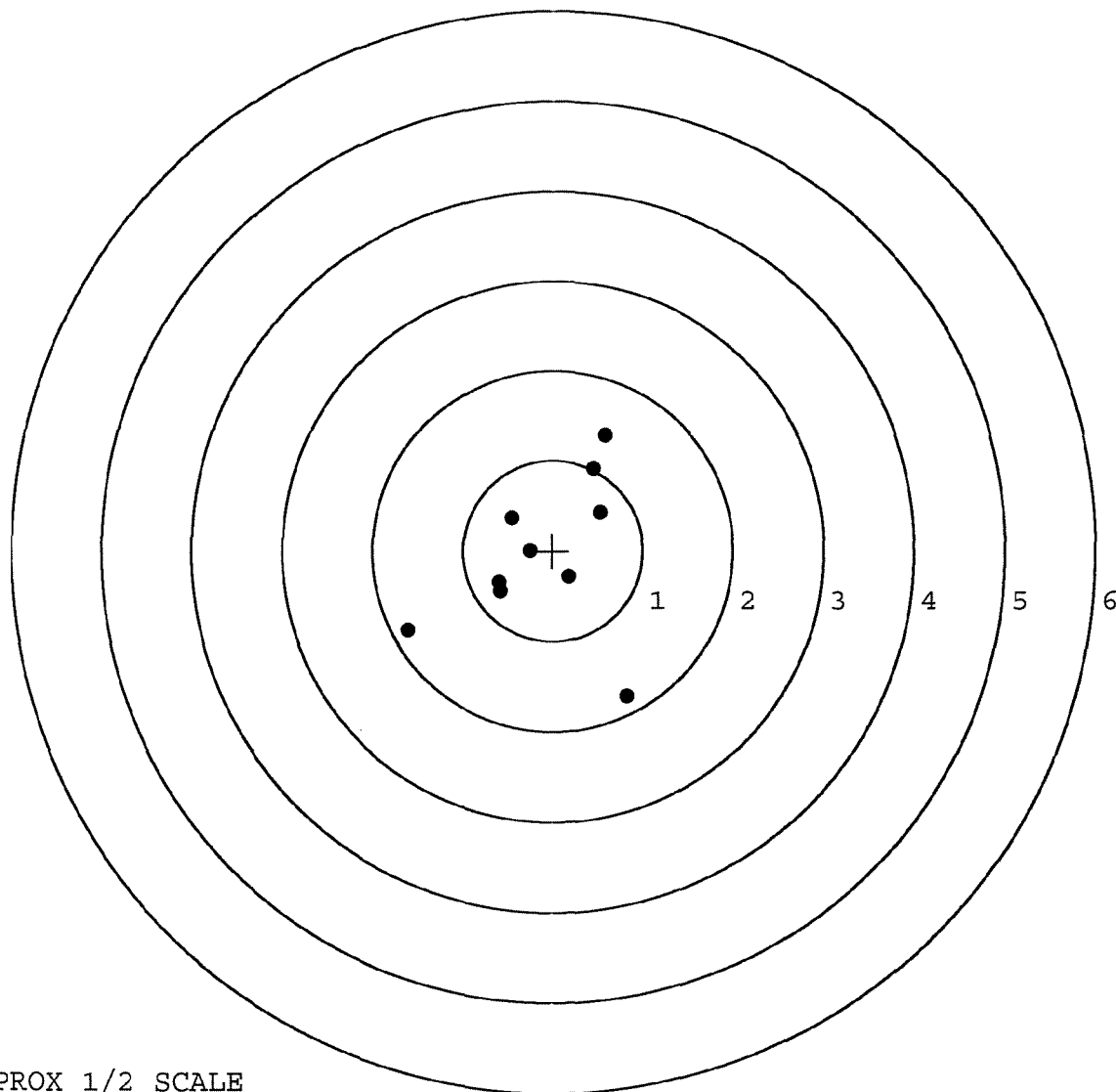


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296727. 0
 TARGET NUMBER: 3
 FILE DATE: 12/04/2003
 FILE TIME: 11:35

POINT#	X	Y
1:	0.593	1.277
2:	0.456	0.910
3:	0.533	0.426
4:	-0.456	0.365
5:	-0.248	0.001
6:	-0.585	-0.453
7:	-1.612	-0.885
8:	0.182	-0.290
9:	0.831	-1.617
10:	-0.600	-0.353

X CENTROID: -0.091
 Y CENTROID: -0.062
 POA TO CENTROID: 0.110
 HORZ SPREAD: 2.443
 VERT SPREAD: 2.894
 GROUP SPREAD: 2.904
 MIN RADIUS: 0.170
 MAX RADIUS: 1.808
 MEAN RADIUS: 0.925
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0158823

SERIAL NUMBER: G6296727. __0

TARGET NUMBER: 4

FILE DATE: 12/04/2003

FILE TIME: 11:35

POINT#	X	Y
1:	-0.518	1.703
2:	-0.915	1.157
3:	-2.261	1.736
4:	0.651	0.734
5:	0.426	0.416
6:	-0.036	-0.252
7:	0.318	-0.497
8:	0.395	-0.844
9:	0.697	-1.024
10:	-0.613	-1.846

X CENTROID: -0.186

Y CENTROID: 0.128

POA TO CENTROID: 0.226

HORZ SPREAD: 2.958

VERT SPREAD: 3.582

GROUP SPREAD: 4.046

MIN RADIUS: 0.409

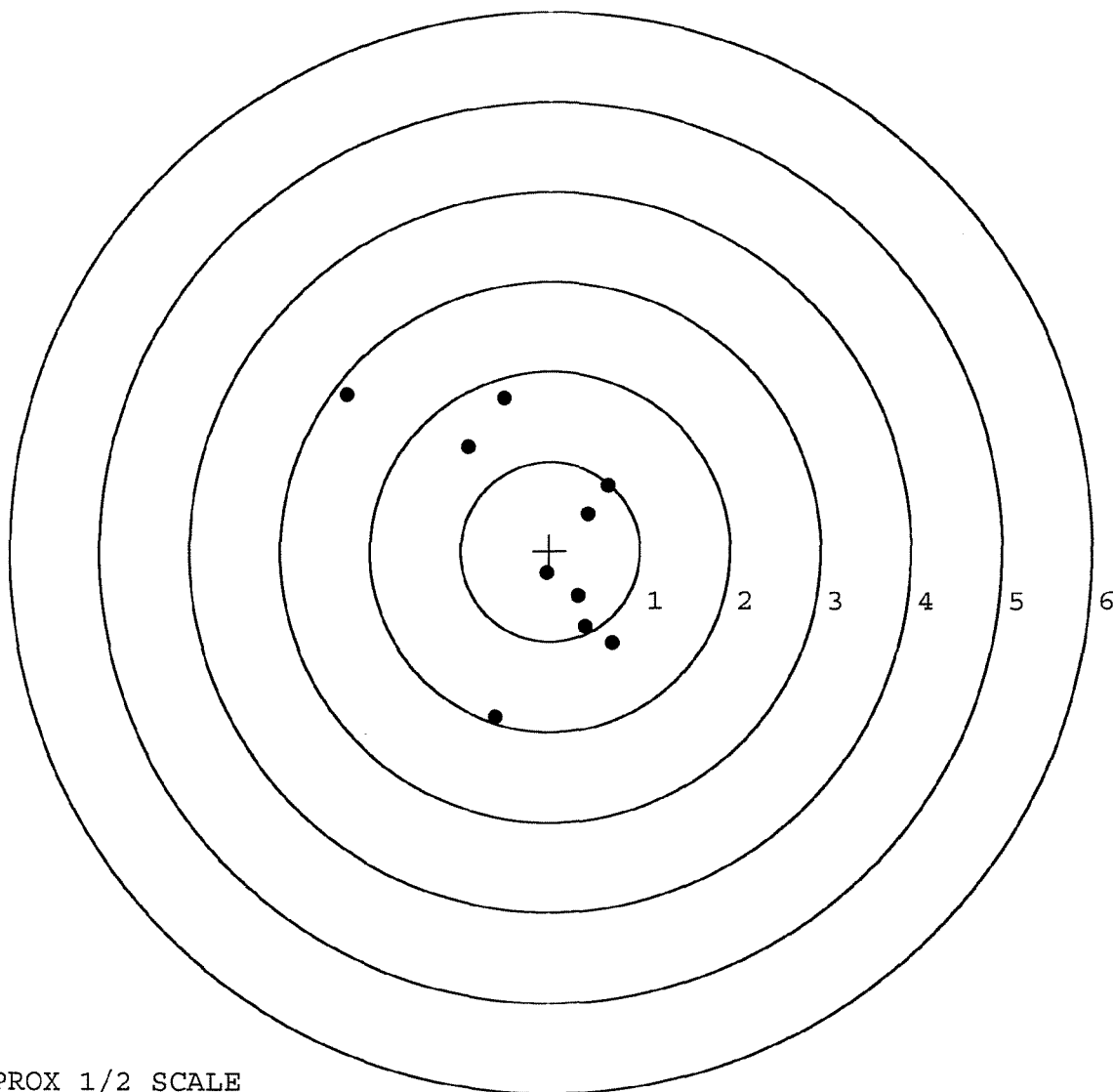
MAX RADIUS: 2.625

MEAN RADIUS: 1.302

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

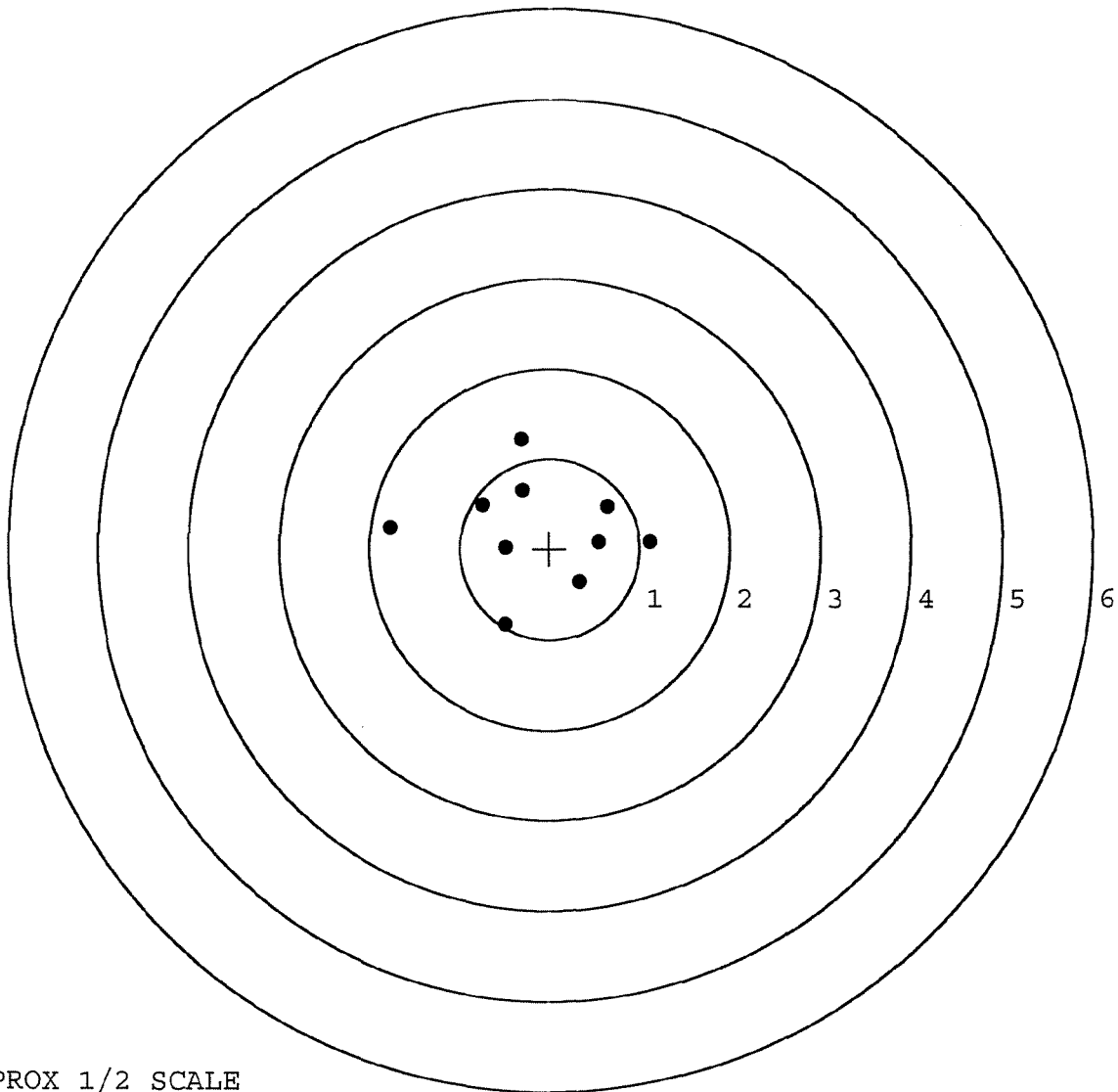


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296727. __0
 TARGET NUMBER: 5
 FILE DATE: 12/04/2003
 FILE TIME: 11:35

POINT#	X	Y
1:	-0.314	1.217
2:	-0.300	0.650
3:	-0.748	0.487
4:	-1.769	0.236
5:	-0.492	0.016
6:	-0.494	-0.838
7:	0.337	-0.368
8:	0.552	0.077
9:	0.644	0.470
10:	1.119	0.077

X CENTROID: -0.147
 Y CENTROID: 0.202
 POA TO CENTROID: 0.250
 HORZ SPREAD: 2.888
 VERT SPREAD: 2.055
 GROUP SPREAD: 2.892
 MIN RADIUS: 0.393
 MAX RADIUS: 1.623
 MEAN RADIUS: 0.884
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE