

G6590155

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590155

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		6/21/06	RLG
420	ASSEMBLE ACTION		6/22/06	RLG
430	ASSEMBLE TO STOCK		6-23-06	R.P.
440	PROOF	MAGNA - FLUX	6-23-06	TRW
460	CHECK HEADSPACE	INSPECTED	6-23-06	TRW
470	DIS-ASSEMBLE ACTION	JUN 27 2006	6-26-06	RLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APP</u>	6-27-06	APP
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6-27-06	CW
510	DRILL AND TAP SIGHT HOLES		6-26-06	TRW
520	GOFF BLAST BBL / REC		6-28-06	LC
530 & 540	APPLY COATINGS (BARREL ACTION)		7/1/06	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-19-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-19-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-19-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		7-19-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>4.5</u> <u>5.0</u> <u>4.5</u>	8-21-06	RA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.9</u> <u>2.9</u> <u>2.9</u>	8-21-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>10245</u> <u>.024</u> <u>.024</u>	8-21-06	RA
	J) ASSEMBLE STOCK		7-19-06	RTL
	K) ASSEMBLE SWIVEL STUDS		8-30-06	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		7-19-06	BLC
	M) IRON SIGHT ALIGNMENT		7-19-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		7-19-06	BLC
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	7-19-06	MJM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7/19/06	9/1/09
670	FINAL INSPECTION A) HEADSPACE		8-30-06	RR
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.48</u> <u>2.46</u> <u>2.40</u> <u>2.39</u>	8/22/06	RP
	C) FUNCTION		8-30-06	RTL
690	PACK		11/15/06	RA

F004 REV 5/2006

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 7-13-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	256	233		256	
PULL #2	252	255		255	
PULL #3	243	259		234	
PULL #4	259	251		236	
PULL #5	250	241		264	
TOTAL	1260	1239		1245	
AVERAGE	252	247		249	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	309	297		
PULL #2	295	322		
PULL #3	302	317		
PULL #4	303	302		
PULL #5	312	305		
TOTAL	1521	1543		
AVERAGE	304	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	401	404		404
PULL #2	417	423		406
PULL #3	408	388		412
PULL #4	403	395		410
PULL #5	401	418		408
TOTAL	2030	2028		2040
AVERAGE	406	405		408

EVALUATION RECORD - M-24 TRIGGER ASSEMBLY

F005 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400165813

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590155.__0
FILE DATE AND TIME: 07/19/2006 16:55

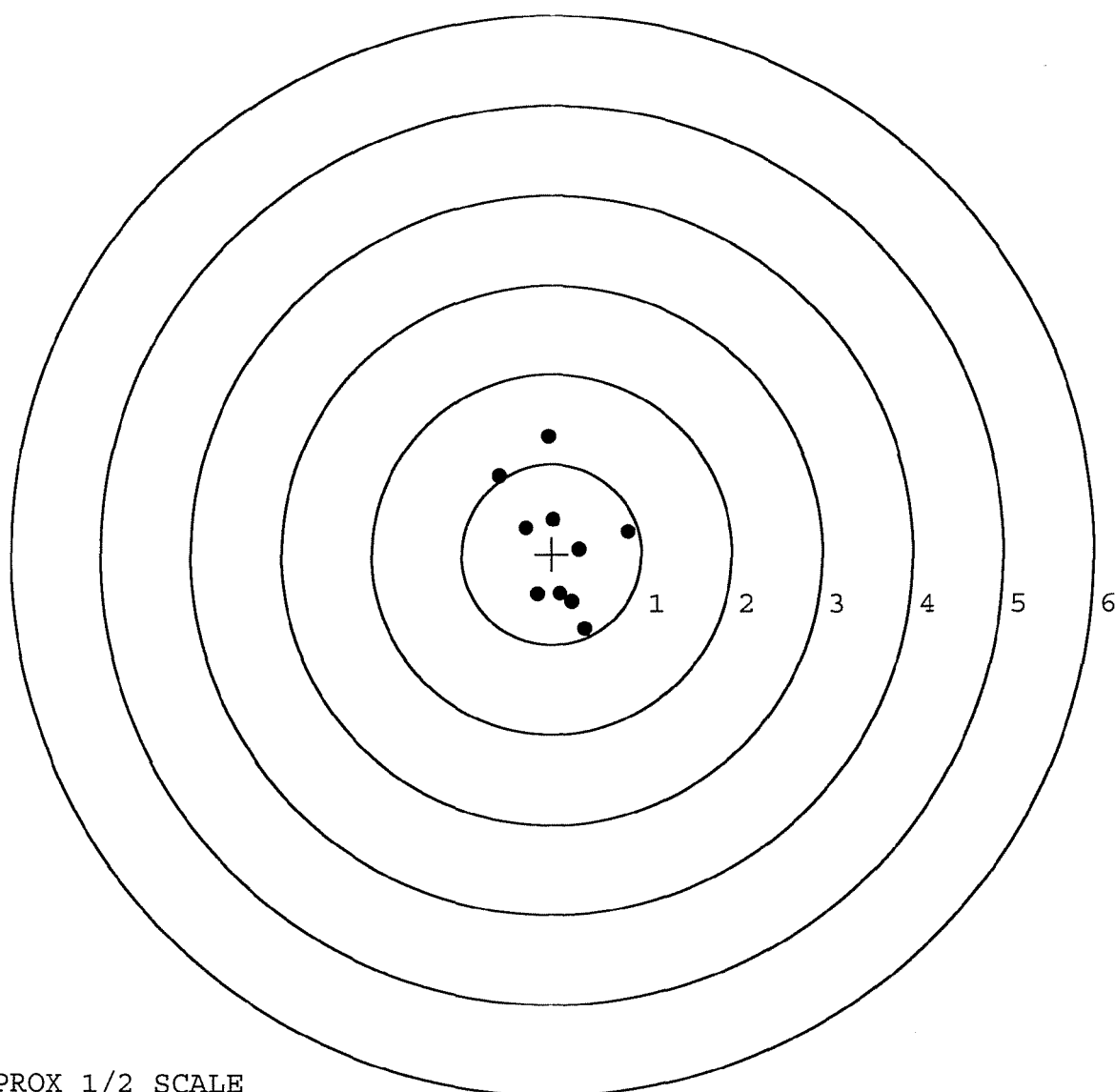
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.016
The Average Mean Radius of the Five Target Set:	0.712
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.197
The Distance from Centroid Target #3 to Centroid Target #1:	0.446
The Distance from Centroid Target #4 to Centroid Target #1:	0.262
The Distance from Centroid Target #5 to Centroid Target #1:	0.155

SERIAL NUMBER: G6590155.___0
TARGET NUMBER: 1
FILE DATE: 07/19/2006
FILE TIME: 16:55

POINT#	X	Y
1:	-0.291	0.291
2:	-0.585	0.871
3:	-0.044	1.306
4:	0.848	0.247
5:	0.100	-0.438
6:	0.230	-0.530
7:	0.368	-0.833
8:	-0.158	-0.451
9:	0.302	0.055
10:	0.019	0.386

X CENTROID: 0.079
Y CENTROID: 0.090
POA TO CENTROID: 0.120
HORZ SPREAD: 1.433
VERT SPREAD: 2.139
GROUP SPREAD: 2.178
MIN RADIUS: 0.226
MAX RADIUS: 1.222
MEAN RADIUS: 0.671
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



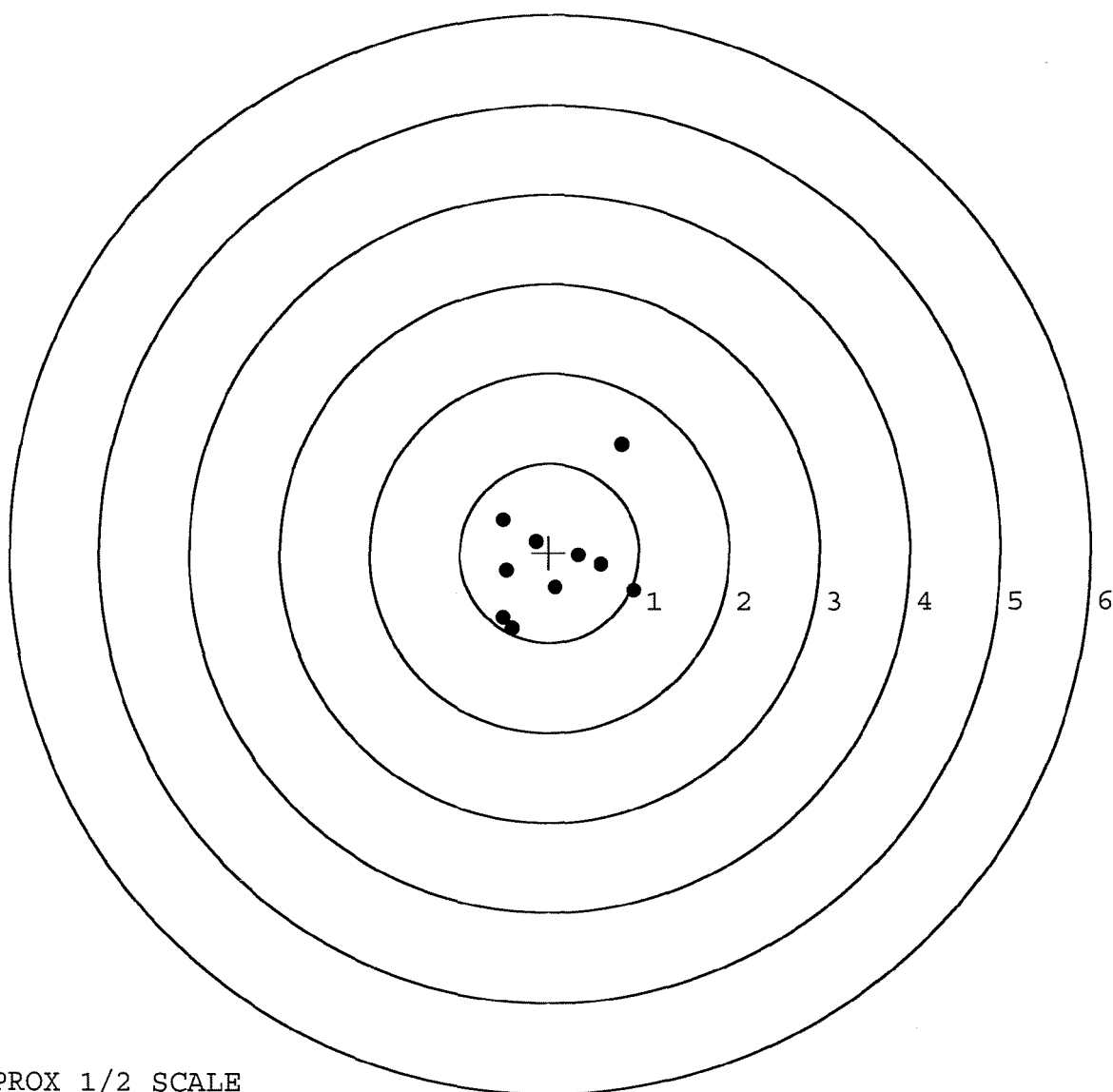
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590155.___0
TARGET NUMBER: 2
FILE DATE: 07/19/2006
FILE TIME: 16:55

X CENTROID: 0.066
Y CENTROID: -0.107
POA TO CENTROID: 0.125
HORZ SPREAD: 1.460
VERT SPREAD: 2.060
GROUP SPREAD: 2.396
MIN RADIUS: 0.273
MAX RADIUS: 1.512
MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.515	0.368
2:	-0.148	0.125
3:	-0.478	-0.204
4:	-0.420	-0.847
5:	0.072	-0.395
6:	0.327	-0.028
7:	0.586	-0.138
8:	0.944	-0.427
9:	0.803	1.213
10:	-0.516	-0.733



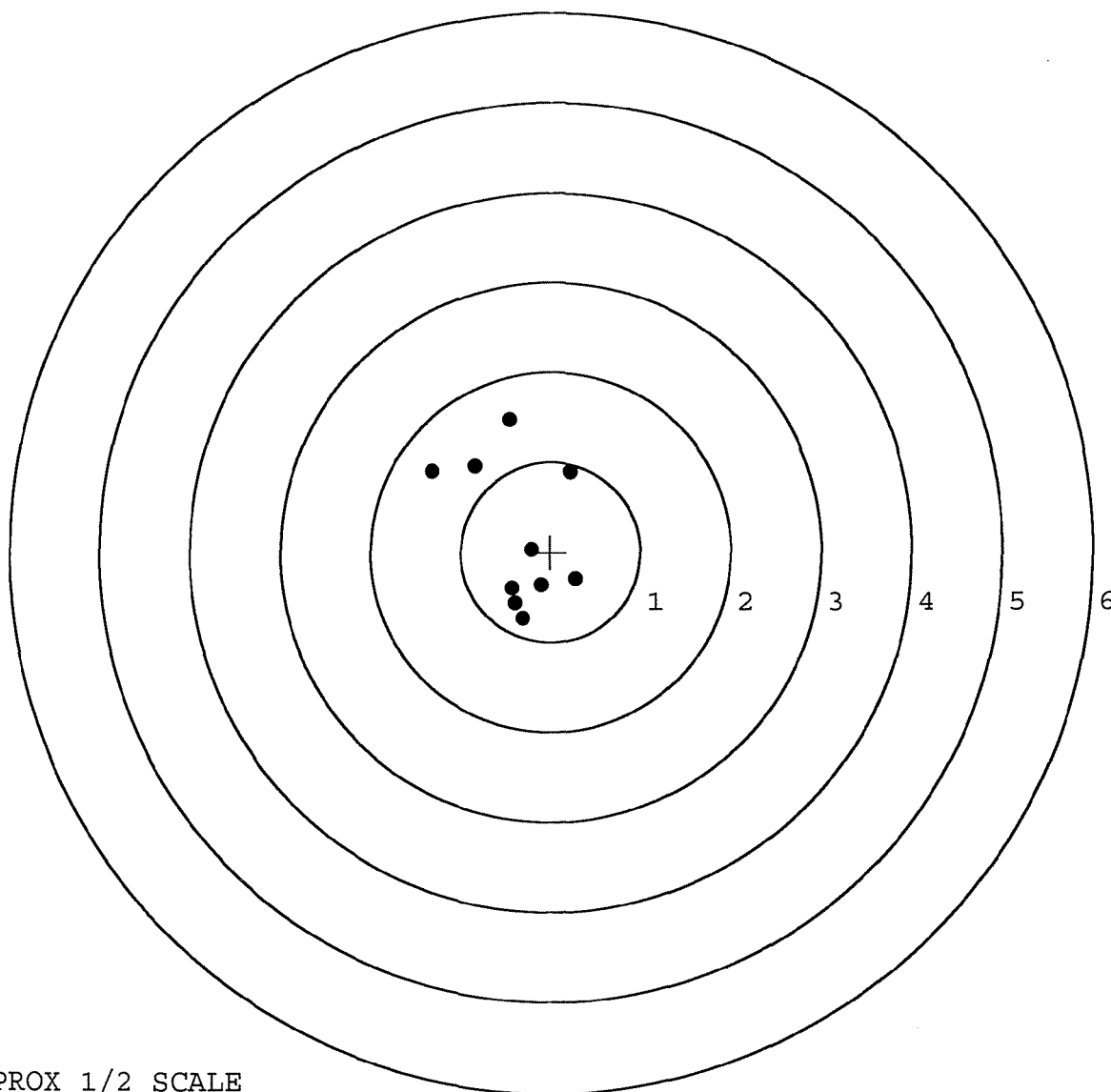
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590155.____0
TARGET NUMBER: 3
FILE DATE: 07/19/2006
FILE TIME: 16:55

X CENTROID: -0.356
Y CENTROID: 0.187
POA TO CENTROID: 0.402
HORZ SPREAD: 1.597
VERT SPREAD: 2.217
GROUP SPREAD: 2.222
MIN RADIUS: 0.216
MAX RADIUS: 1.290
MEAN RADIUS: 0.822

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.315	0.899
2:	-0.843	0.956
3:	-0.465	1.473
4:	0.223	0.893
5:	-0.209	0.029
6:	-0.430	-0.401
7:	-0.395	-0.567
8:	-0.310	-0.744
9:	-0.101	-0.372
10:	0.282	-0.294

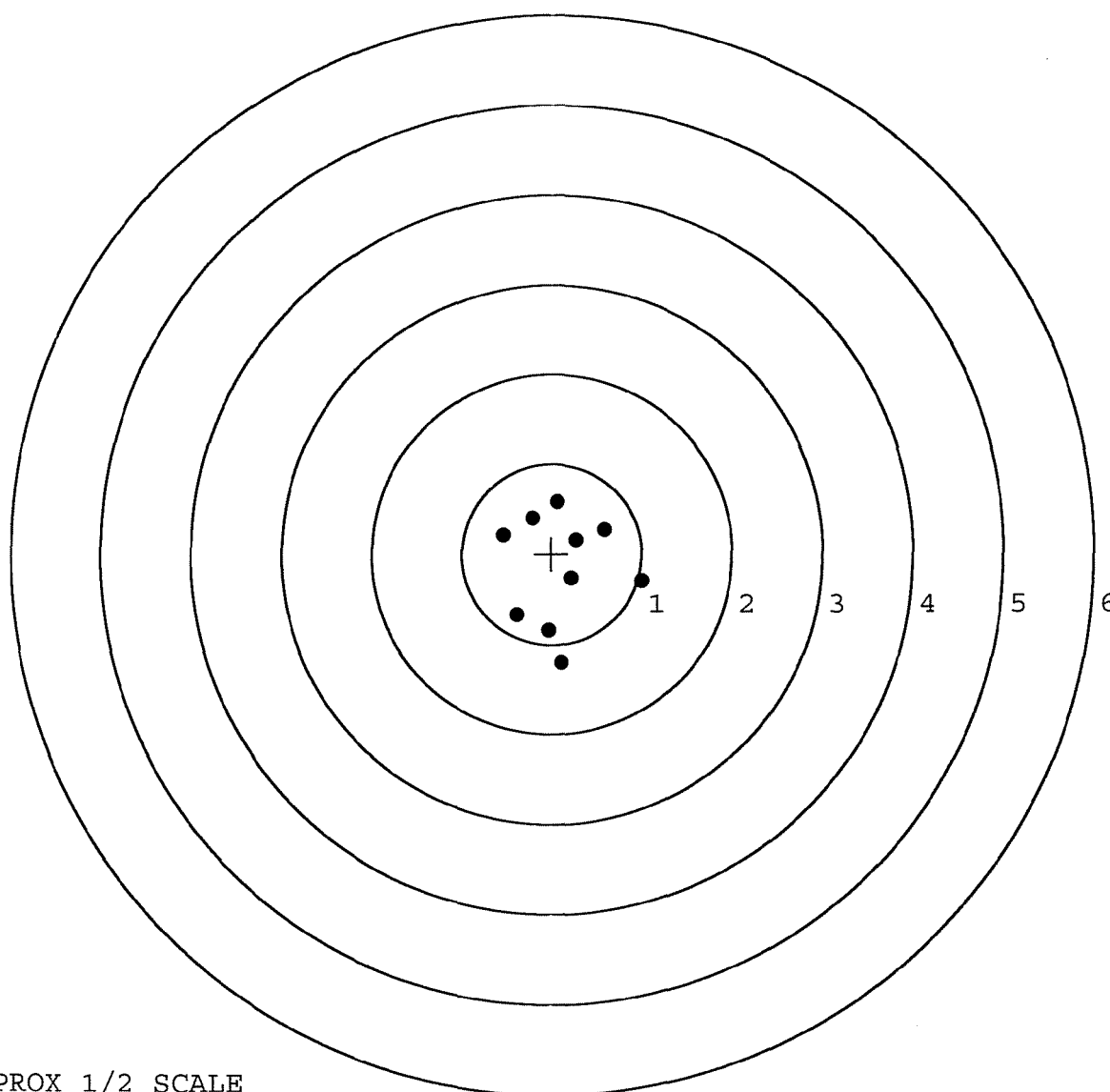


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590155. __0
TARGET NUMBER: 4
FILE DATE: 07/19/2006
FILE TIME: 16:55

X CENTROID: 0.108
Y CENTROID: -0.170
POA TO CENTROID: 0.202
HORZ SPREAD: 1.549
VERT SPREAD: 1.785
GROUP SPREAD: 1.786
MIN RADIUS: 0.153
MAX RADIUS: 1.039
MEAN RADIUS: 0.667
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.387	-0.674
2:	-0.038	-0.851
3:	0.119	-1.209
4:	1.004	-0.301
5:	0.225	-0.269
6:	0.587	0.269
7:	0.270	0.155
8:	0.063	0.576
9:	-0.218	0.395
10:	-0.545	0.207



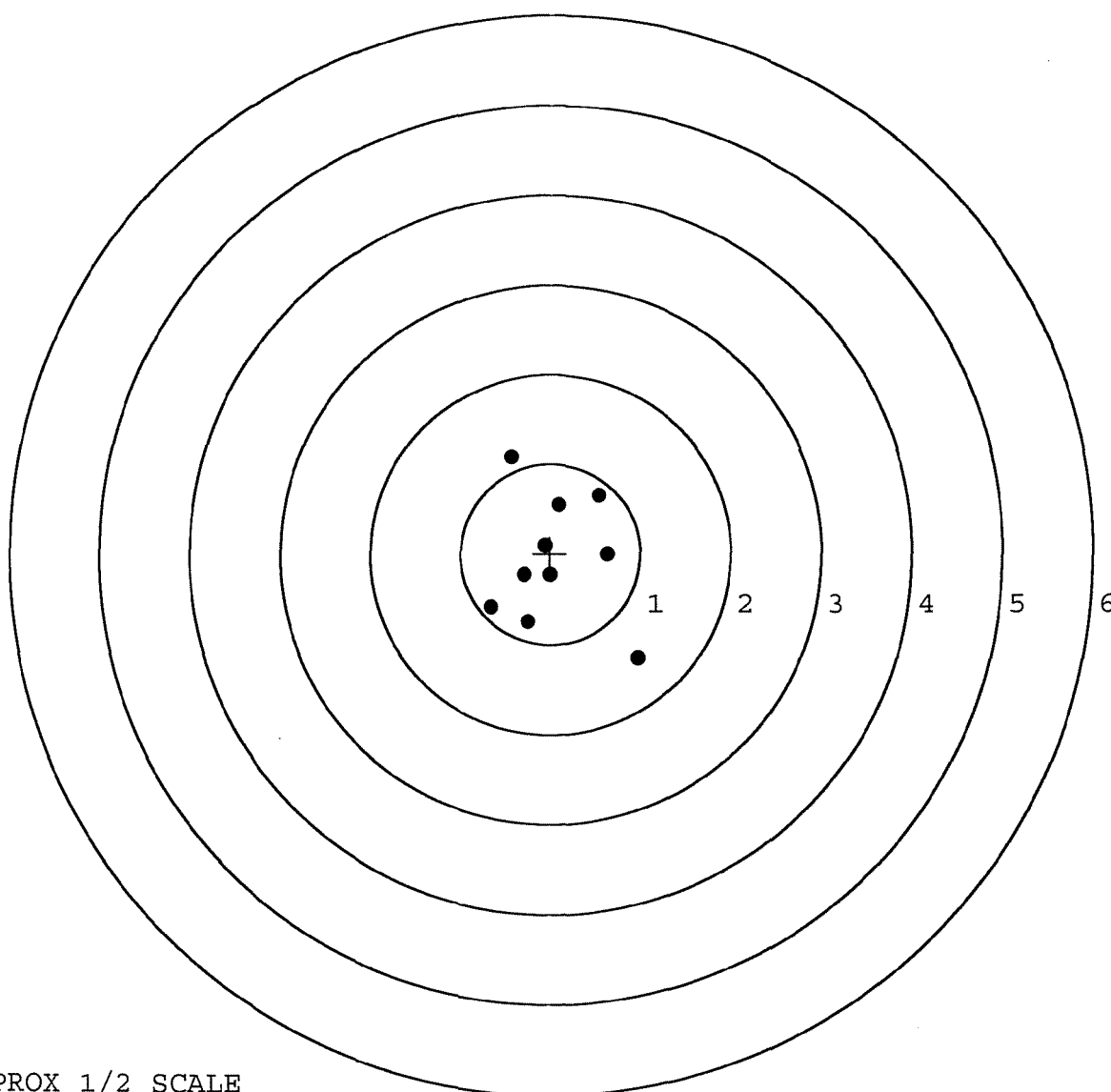
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590155. 0
TARGET NUMBER: 5
FILE DATE: 07/19/2006
FILE TIME: 16:55

X CENTROID: 0.057
Y CENTROID: -0.063
POA TO CENTROID: 0.085
HORZ SPREAD: 1.644
VERT SPREAD: 2.232
GROUP SPREAD: 2.644
MIN RADIUS: 0.181
MAX RADIUS: 1.432
MEAN RADIUS: 0.714

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.437	1.074
2:	0.980	-1.158
3:	0.644	-0.007
4:	0.540	0.651
5:	0.098	0.543
6:	-0.057	0.089
7:	0.001	-0.235
8:	-0.288	-0.239
9:	-0.664	-0.588
10:	-0.252	-0.760



TARGET APPROX 1/2 SCALE

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



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



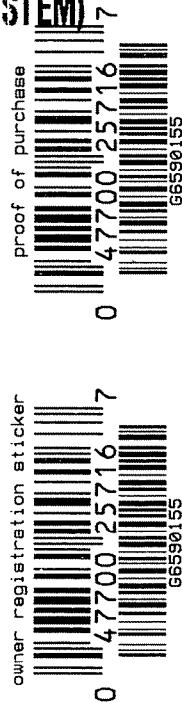
SERIAL NO.



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

- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6590155

