GC63C0991

9/27/2004 10:33:18 AM

Original **28** Crib

25716

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

.MA25716

Shop Order: SWS631059

.ABSWS631059

Start Date: 8/9/2004
Finish Date: 10/26/2004

0540 01PC001
Flat Black Powder Coat, Barrel and

0003451403

0560 89SWS1
Reassemble Action.

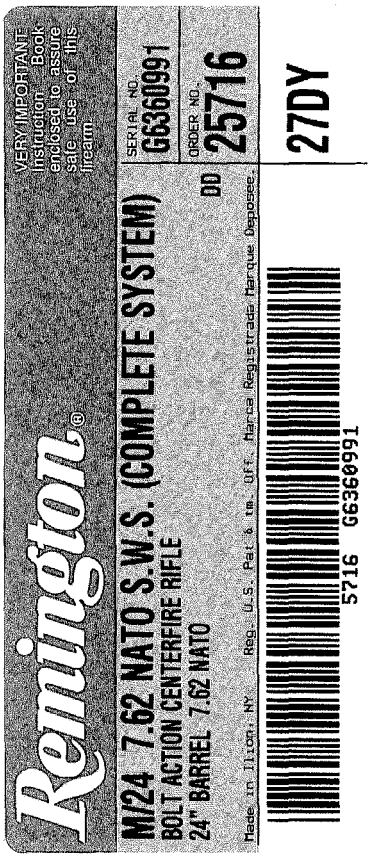
0003451404

0690 89SWS1
Pack Rifle

0003451397

0700 89SWS1
Stencil SWS Container

.OP0700



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

UPC

0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTI

UPC

0 47700 25716 7

SERIAL NO.

G6360991

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

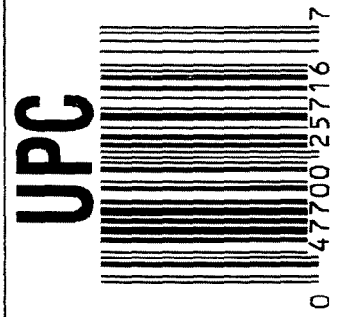
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. **25716**

BARREL LENGTH	24"
CAPACITY	6

G6360991



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6360991

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		3-15-04	KTL
600	PROOF		3-23-04	KTL
607	CHECK HEADSPACE		3-23-04	KTL
610	DIS-ASSEMBLE GUN		3-24-04	KTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	INSPECTED MAR 2004 OPERATOR RL		
615	ROLLMARK CALIBER		3/25/04	MB
617	DRILL AND TAP SIGHT HOLES		3-24-04	TRW
620	APPLY COATINGS (BARREL ACTION)		4-21	TA
	(BOLT)		4-21	TA
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		5-21-04	RW
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-21-04	RW
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-21-04	RW
	D) OIL FIRING PIN ASSEMBLY		5-21-04	RW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		9-21-04	TRW

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	6.5 7.0 7.0	6/2/04	DA
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	3.0 3.0 3.0	6/2/04	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT [.020 MIN]	.022 .023 .022	6/2/04	DA
	J) ASSEMBLE STOCK		5-21-04	RW
	K) ASSEMBLE SWIVEL STUDS		6-22-04	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-31-04	RTL
	M) IRON SIGHT ALIGNMENT		8-31-04	RTL
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-31-04	RTL
640	GALLERY TEST AND TARGET	PASS FAIL	5-26-04	TRW
	MALFUNCTION	CORRECTION	5-26-04	TRW
	MALFUNCTION	CORRECTION	5-26-04	TRW
	MALFUNCTION	CORRECTION	5-26-04	TRW
	MALFUNCTION	CORRECTION	5-26-04	TRW
645	INSPECT FOR LIVE AMMO		5-26-04	TRW
655	FINAL INSPECTION A) HEADSPACE		6-22-04	RTL
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.76 2.76 2.71 2.79 2.68	6/2/04	DA
	C) FUNCTION			
660	PACK		9/7/04	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360991.__0
FILE DATE AND TIME: 05/26/2004 08:45

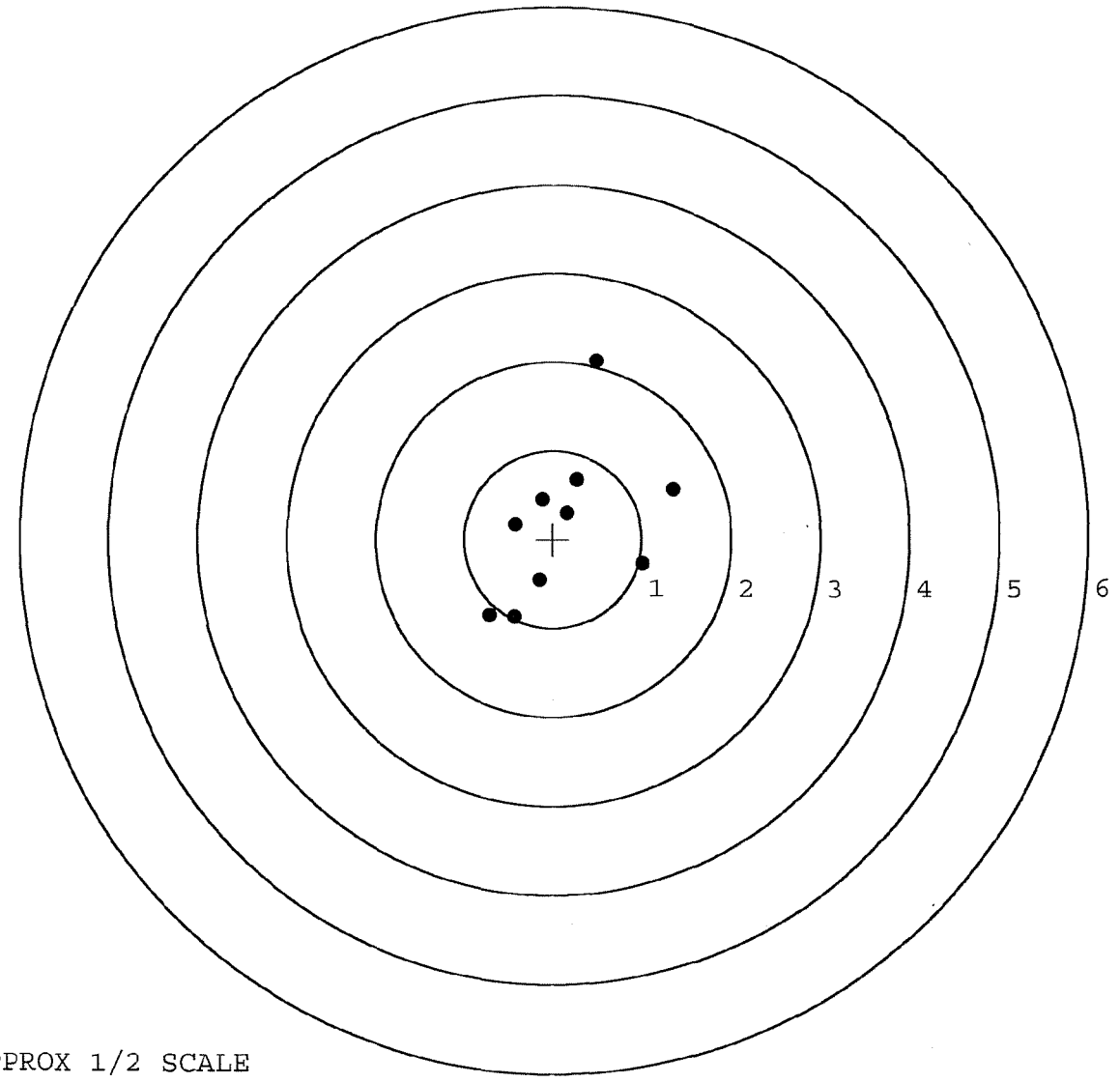
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.038
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.781
The Distance from POA to Centroid Target #1:	0.222
The Distance from Centroid Target #2 to Centroid Target #1:	0.390
The Distance from Centroid Target #3 to Centroid Target #1:	0.315
The Distance from Centroid Target #4 to Centroid Target #1:	0.350
The Distance from Centroid Target #5 to Centroid Target #1:	0.334

SERIAL NUMBER: G6360991.__0
TARGET NUMBER: 1
FILE DATE: 05/26/2004
FILE TIME: 08:45

X CENTROID:	0.144
Y CENTROID:	0.169
POA TO CENTROID:	0.222
HORZ SPREAD:	2.069
VERT SPREAD:	2.885
GROUP SPREAD:	3.111
MIN RADIUS:	0.128
MAX RADIUS:	1.873
MEAN RADIUS:	0.895
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.010	-0.274
2:	1.353	0.563
3:	0.491	2.009
4:	-0.437	-0.876
5:	-0.716	-0.858
6:	-0.148	-0.463
7:	-0.424	0.170
8:	0.159	0.296
9:	-0.121	0.451
10:	0.272	0.669

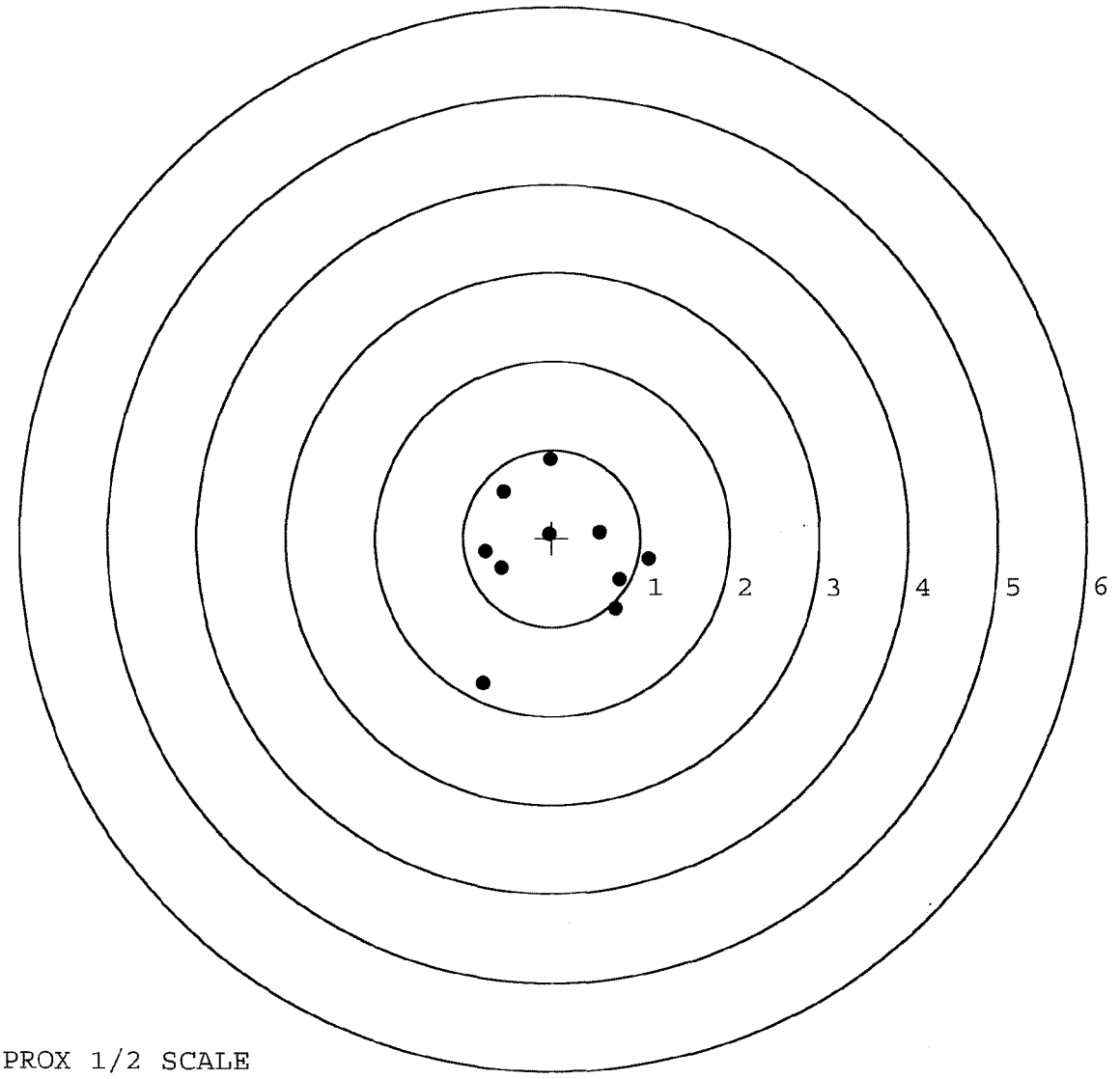


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360991.__0
TARGET NUMBER: 2
FILE DATE: 05/26/2004
FILE TIME: 08:45

X CENTROID:	0.041
Y CENTROID:	-0.207
POA TO CENTROID:	0.211
HORZ SPREAD:	1.865
VERT SPREAD:	2.529
GROUP SPREAD:	2.638
MIN RADIUS:	0.263
MAX RADIUS:	1.641
MEAN RADIUS:	0.866
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.776	-1.630
2:	-0.552	0.527
3:	-0.025	0.899
4:	0.544	0.072
5:	-0.029	0.046
6:	-0.573	-0.337
7:	-0.748	-0.149
8:	0.717	-0.794
9:	0.761	-0.468
10:	1.089	-0.238

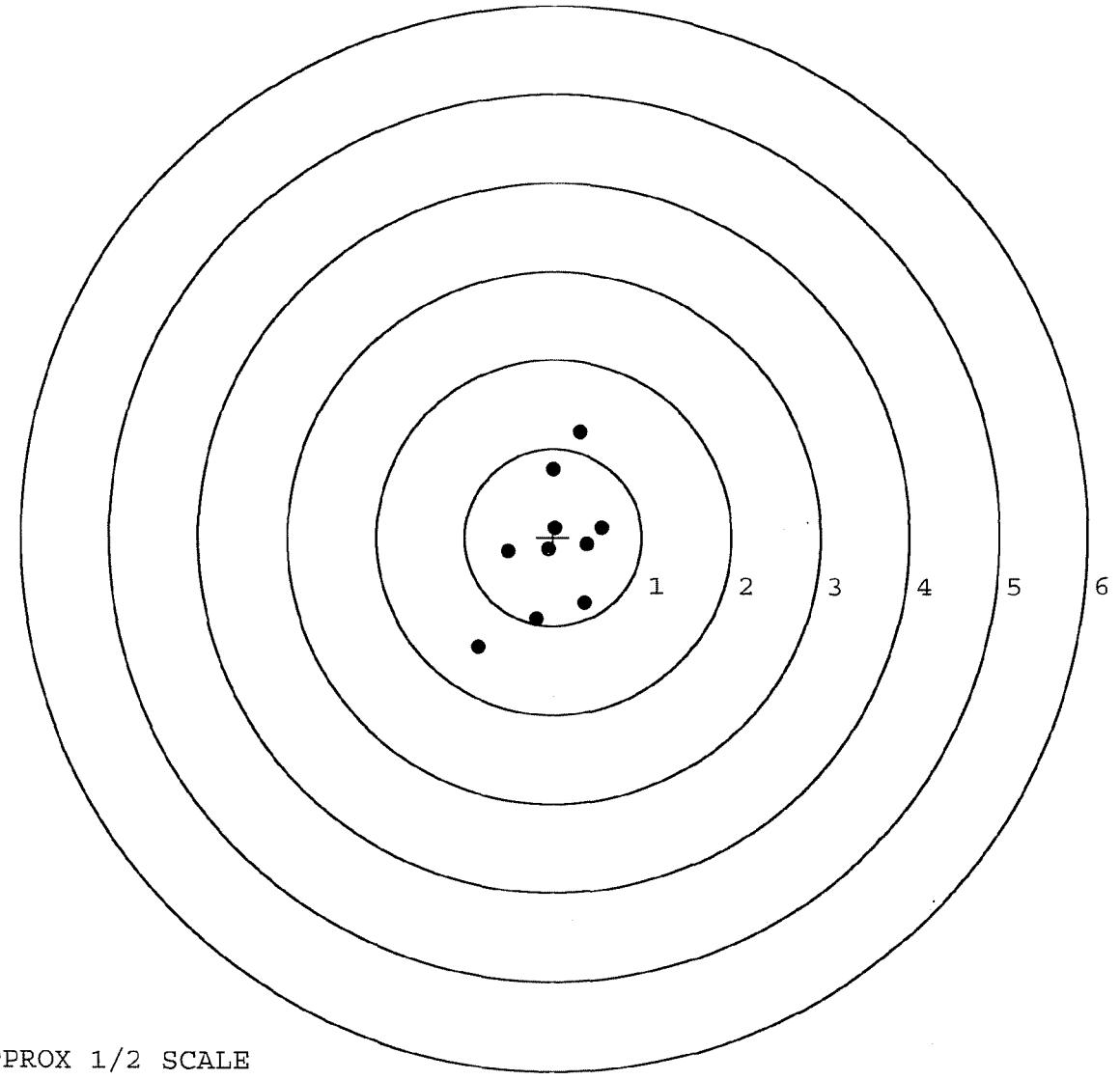


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360991.__0
TARGET NUMBER: 3
FILE DATE: 05/26/2004
FILE TIME: 08:45

X CENTROID:	0.001
Y CENTROID:	-0.113
POA TO CENTROID:	0.113
HORZ SPREAD:	1.396
VERT SPREAD:	2.430
GROUP SPREAD:	2.691
MIN RADIUS:	0.062
MAX RADIUS:	1.414
MEAN RADIUS:	0.697
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.356	-0.753
2:	-0.189	-0.928
3:	-0.846	-1.245
4:	0.309	1.185
5:	-0.004	0.767
6:	0.550	0.116
7:	0.382	-0.084
8:	0.023	0.110
9:	-0.055	-0.139
10:	-0.511	-0.156

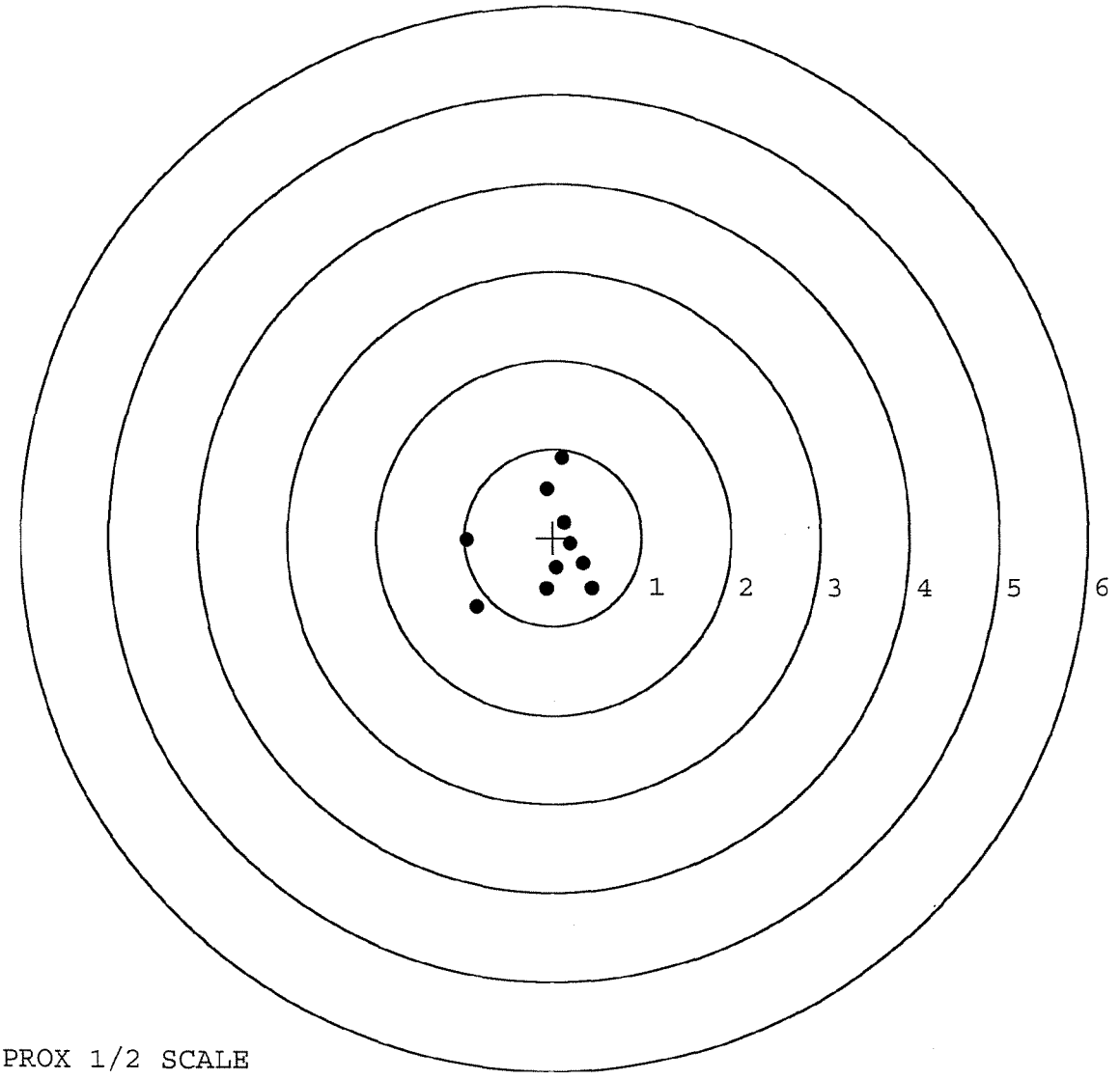


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360991.__0
TARGET NUMBER: 4
FILE DATE: 05/26/2004
FILE TIME: 08:45

X CENTROID:	-0.074
Y CENTROID:	-0.105
POA TO CENTROID:	0.129
HORZ SPREAD:	1.415
VERT SPREAD:	1.691
GROUP SPREAD:	1.945
MIN RADIUS:	0.261
MAX RADIUS:	1.041
MEAN RADIUS:	0.613
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.861	-0.787
2:	-0.974	-0.028
3:	0.127	0.170
4:	-0.077	0.548
5:	0.099	0.904
6:	0.441	-0.570
7:	0.197	-0.067
8:	-0.078	-0.586
9:	0.037	-0.341
10:	0.345	-0.295

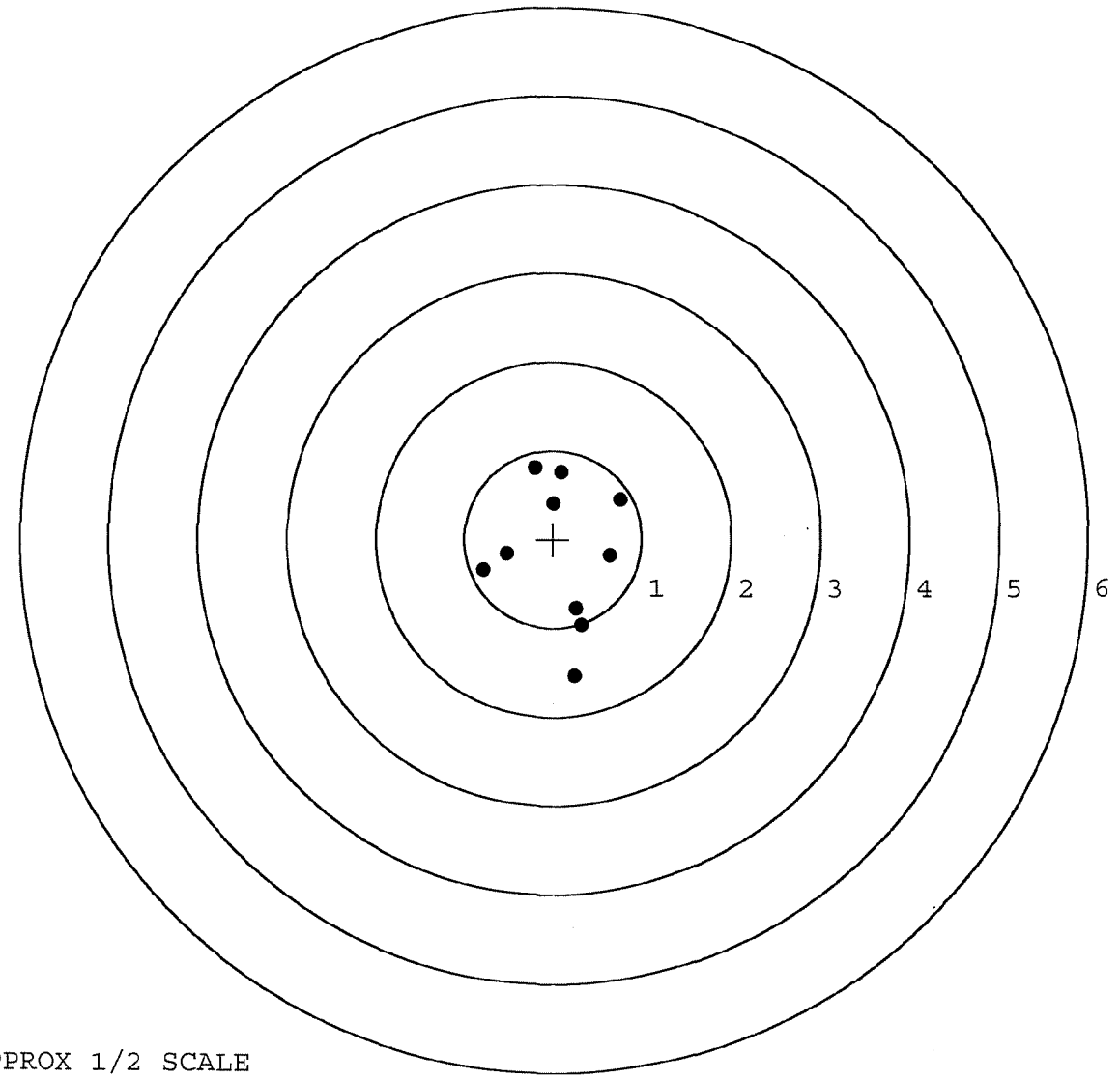


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360991.__0
TARGET NUMBER: 5
FILE DATE: 05/26/2004
FILE TIME: 08:45

X CENTROID:	0.081
Y CENTROID:	-0.159
POA TO CENTROID:	0.178
HORZ SPREAD:	1.535
VERT SPREAD:	2.348
GROUP SPREAD:	2.390
MIN RADIUS:	0.563
MAX RADIUS:	1.392
MEAN RADIUS:	0.832
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.643	-0.190
2:	0.754	0.444
3:	0.005	0.400
4:	0.091	0.756
5:	-0.207	0.806
6:	-0.524	-0.169
7:	-0.781	-0.348
8:	0.261	-0.781
9:	0.323	-0.968
10:	0.241	-1.542



TARGET APPROX 1/2 SCALE

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 5-20-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.64	2.70		2.76	
PULL #2	2.39	2.52		2.84	
PULL #3	2.35	2.64		2.81	
PULL #4	2.54	2.54		2.86	
PULL #5	2.39	2.46		2.82	
TOTAL	12.31	12.86		14.09	
AVERAGE	2.46	2.57		2.81	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.32		
PULL #2	3.40	3.31		
PULL #3	3.20	3.30		
PULL #4	3.23	3.31		
PULL #5	3.23	3.31		
TOTAL	16.45	16.55		
AVERAGE	3.29	3.31		

	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	4.20	4.39		4.28
PULL #2	3.72	4.40		4.41
PULL #3	4.24	4.38		4.39
PULL #4	3.78	4.36		4.38
PULL #5	4.27	4.32		4.42
TOTAL	20.21	21.85		21.88
AVERAGE	4.04	4.37		4.37