

G-646 1620

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

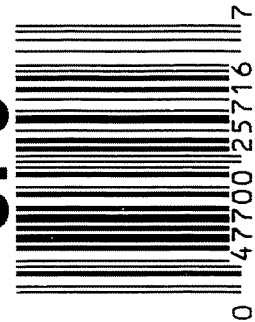
24"

CAPACITY

6

G6461620

UPC



ORDER 25716

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

UPC



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

UPC



SERIAL NO.



66461628

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

66461620

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		9-20-05	RTZ
440	PROOF		9-20-05	RTZ
460	CHECK HEADSPACE		9-20-05	RTZ
470	DIS-ASSEMBLE ACTION		9-21-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	4/80	9/23/05	mmh
500	ROLLMARK CALIBER		9-23-05	CW
510	DRILL AND TAP SIGHT HOLES		9-23-05	TRW
520	GOFF BLAST BBL / REC		9-26-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		10/4/05	RB
	(BOLT)		10/4/05	RB
560	RE-ASSEMBLE ACTION		10/6/05	WJM
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/6/05	WJM
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/6/05	WJM
	D) OIL FIRING PIN ASSEMBLY		10-20-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5 16</u> <u>5 16</u> <u>5 16</u>	11-4-05	BC
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2 16</u> <u>2 16</u> <u>2 16</u>	11-4-05	BC
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.024</u>	11-4-05	BC
	J) ASSEMBLE STOCK			
	K) ASSEMBLE SWIVEL STUDS		11-4-05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-4-05	BC
	M) IRON SIGHT ALIGNMENT		11-4-05	BC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-4-05	BC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> <u>FAIL</u> <u>PASS</u> <u>FAIL</u> TRW	10/21/05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/21/05	WDM
670	FINAL INSPECTION A) HEADSPACE		11-4-05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.49</u> <u>2.60</u> <u>2.87</u> <u>2.85</u> <u>2.86</u>	11-3-05	TRW
	C) FUNCTION		11-4-05	BC
690	PACK		11/30/05	DA

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 10-19-05

TESTER R.R.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.59		2.63	
PULL #2	2.53	2.62		2.69	
PULL #3	2.64	2.59		2.75	
PULL #4	2.68	2.55		2.74	
PULL #5	2.46	2.60		2.59	
TOTAL	12.75	12.95		13.40	
AVERAGE	2.55	2.59		2.68	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.20		
PULL #2	3.14	2.97		
PULL #3	3.25	2.96		
PULL #4	3.20	3.17		
PULL #5	3.18	3.21		
TOTAL	15.92	15.51		
AVERAGE	3.18	3.10 R.R.		

	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	3.91	4.19		4.10
PULL #2	3.92	4.18		4.11
PULL #3	4.09	4.15		4.11
PULL #4	4.09	4.15		4.17
PULL #5	4.07	4.11		4.18
TOTAL	20.08	20.78		20.67
AVERAGE	4.01	4.15		4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461620.___0
FILE DATE AND TIME: 11/01/2005 11:08

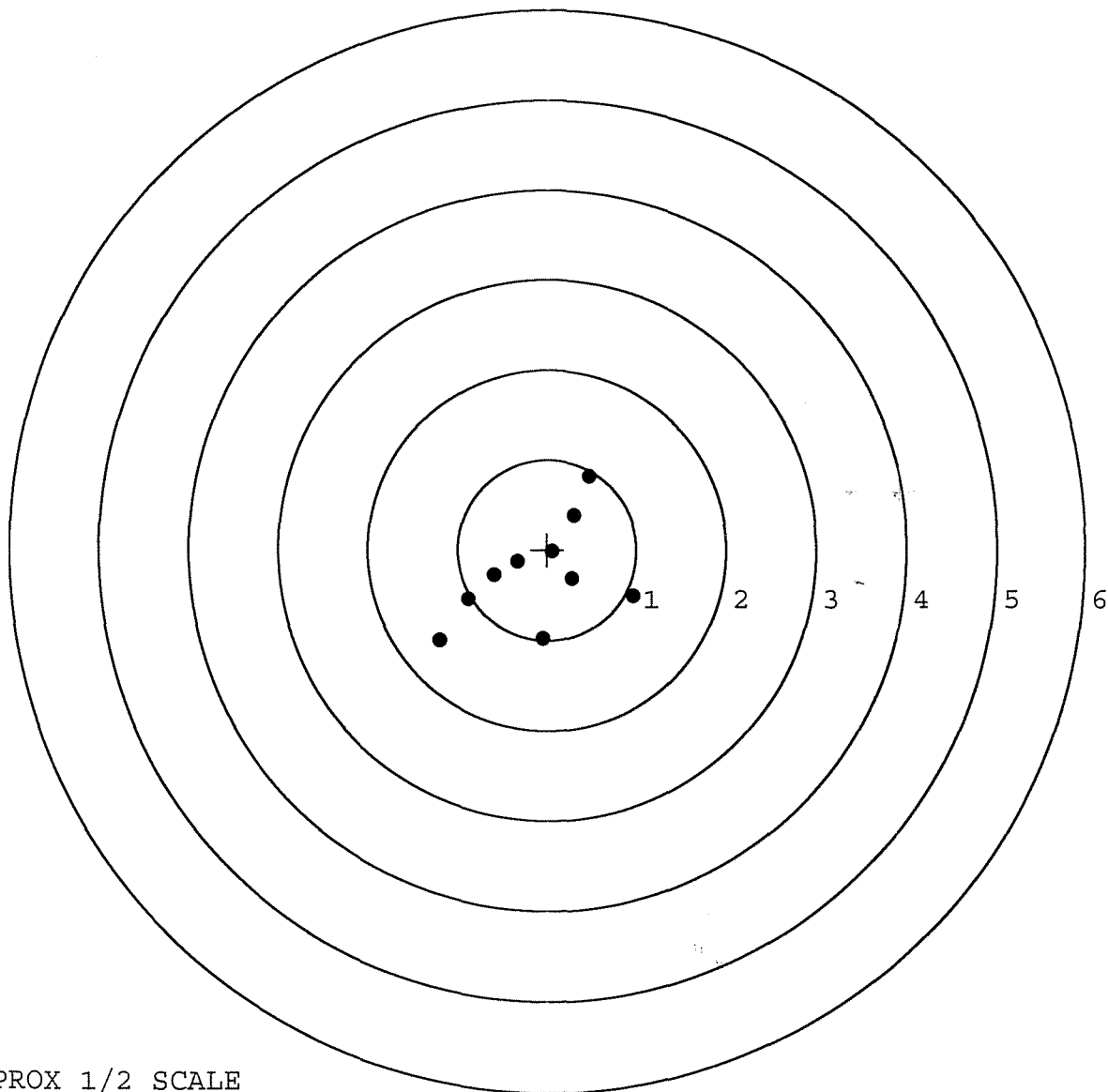
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.003
The Average Y Centroid of the Five Target Set:	0.023
The Average Point of Impact of the Five Target Set:	0.023
The Average Mean Radius of the Five Target Set:	0.790
The Distance from POA to Centroid Target #1:	0.282
The Distance from Centroid Target #2 to Centroid Target #1:	0.924
The Distance from Centroid Target #3 to Centroid Target #1:	0.258
The Distance from Centroid Target #4 to Centroid Target #1:	0.171
The Distance from Centroid Target #5 to Centroid Target #1:	0.187

SERIAL NUMBER: G6461620. 0
 TARGET NUMBER: 1
 FILE DATE: 11/01/2005
 FILE TIME: 11:08

POINT#	X	Y
1:	0.963	-0.517
2:	-0.051	-0.993
3:	-1.199	-1.009
4:	-0.882	-0.550
5:	-0.596	-0.281
6:	-0.336	-0.138
7:	0.058	-0.023
8:	0.300	0.382
9:	0.467	0.816
10:	0.274	-0.322

X CENTROID: -0.100
 Y CENTROID: -0.263
 POA TO CENTROID: 0.282
 HORZ SPREAD: 2.162
 VERT SPREAD: 1.825
 GROUP SPREAD: 2.471
 MIN RADIUS: 0.267
 MAX RADIUS: 1.328
 MEAN RADIUS: 0.739
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461620. __0

TARGET NUMBER: 2

FILE DATE: 11/01/2005

FILE TIME: 11:08

X CENTROID: 0.162

Y CENTROID: 0.622

POA TO CENTROID: 0.643

HORZ SPREAD: 2.069

VERT SPREAD: 2.844

GROUP SPREAD: 2.867

MIN RADIUS: 0.442

MAX RADIUS: 1.844

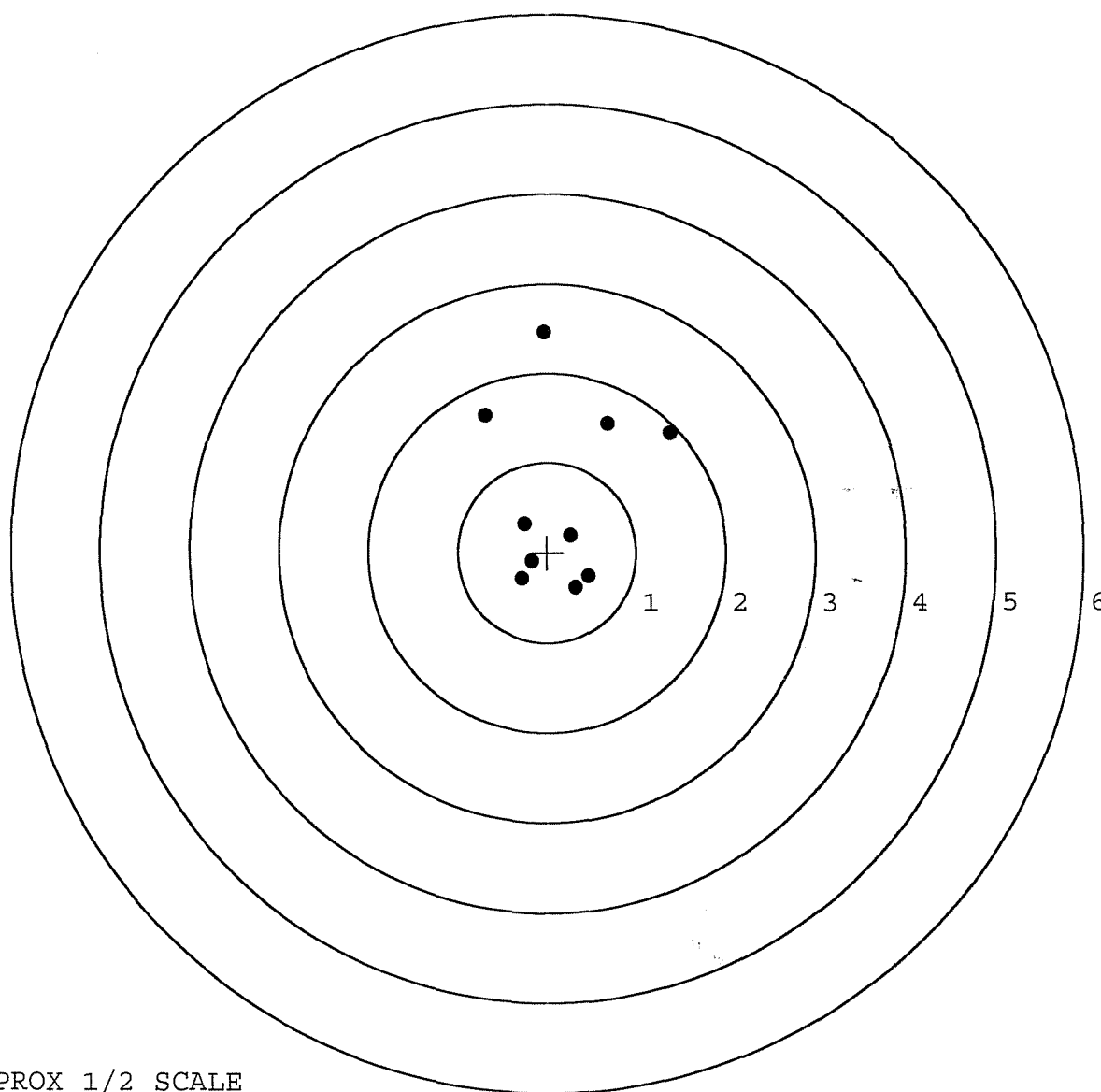
MEAN RADIUS: 1.018

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.461	-0.264
2:	0.316	-0.390
3:	-0.292	-0.287
4:	-0.176	-0.097
5:	-0.256	0.318
6:	0.264	0.192
7:	1.374	1.333
8:	0.674	1.437
9:	-0.695	1.525
10:	-0.045	2.454



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461620. __0

TARGET NUMBER: 3

FILE DATE: 11/01/2005

FILE TIME: 11:08

POINT#	X	Y
1:	0.199	-1.032
2:	0.278	-0.520
3:	0.212	-0.269
4:	1.008	-0.144
5:	0.712	-0.019
6:	-1.024	0.927
7:	-0.210	0.388
8:	0.056	0.045
9:	-0.317	0.133
10:	-0.303	-0.135

X CENTROID: 0.061

Y CENTROID: -0.063

POA TO CENTROID: 0.087

HORZ SPREAD: 2.032

VERT SPREAD: 1.959

GROUP SPREAD: 2.309

MIN RADIUS: 0.108

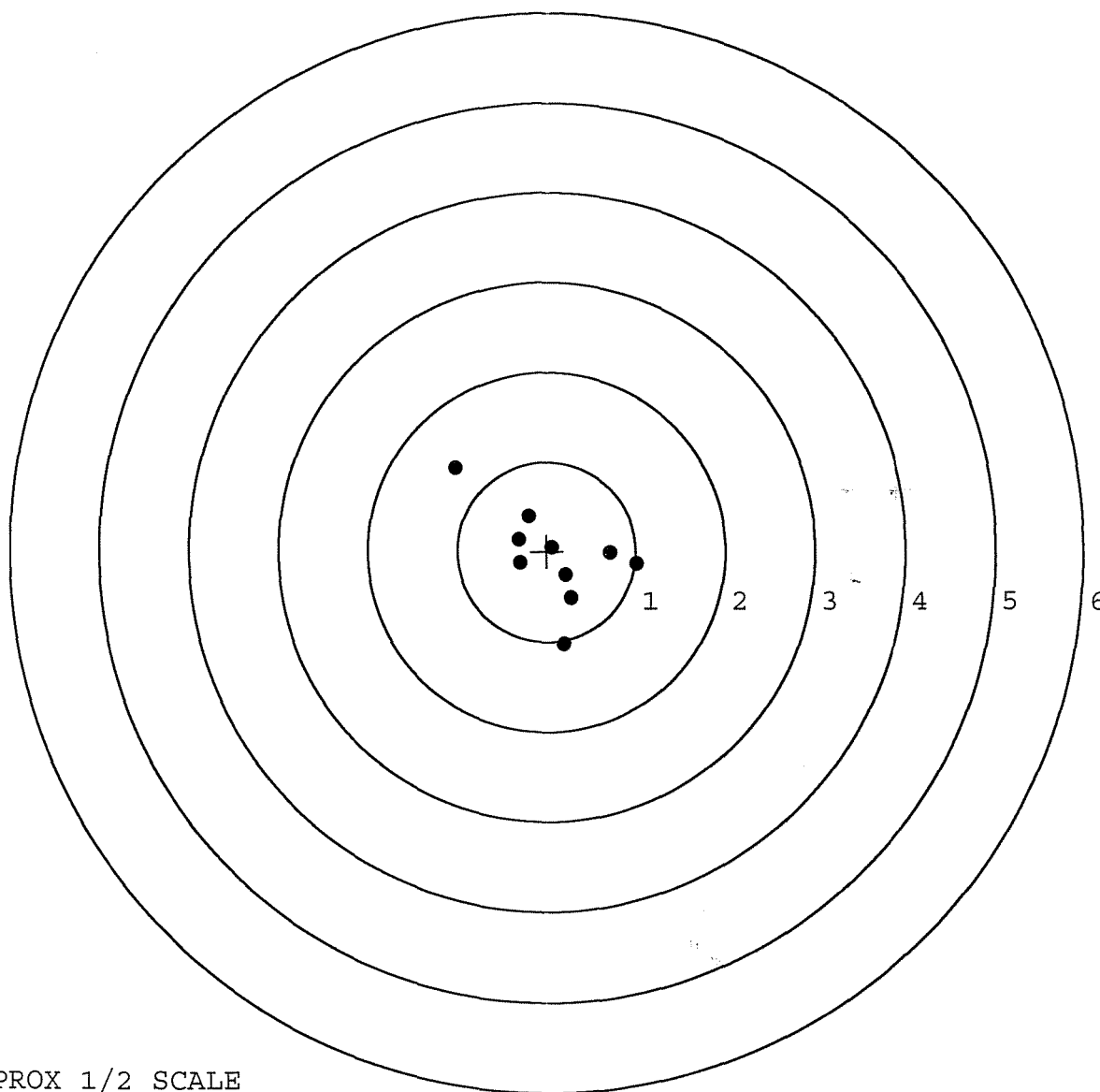
MAX RADIUS: 1.469

MEAN RADIUS: 0.624

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461620. 0

TARGET NUMBER: 4

FILE DATE: 11/01/2005

FILE TIME: 11:08

POINT#	X	Y
1:	-1.287	-0.383
2:	-0.659	-1.099
3:	-0.400	-1.026
4:	-0.148	-0.828
5:	0.331	-0.547
6:	0.108	-0.128
7:	0.141	0.381
8:	0.424	0.680
9:	0.832	0.477
10:	-0.020	1.513

X CENTROID: -0.068

Y CENTROID: -0.096

POA TO CENTROID: 0.118

HORZ SPREAD: 2.119

VERT SPREAD: 2.612

GROUP SPREAD: 2.689

MIN RADIUS: 0.179

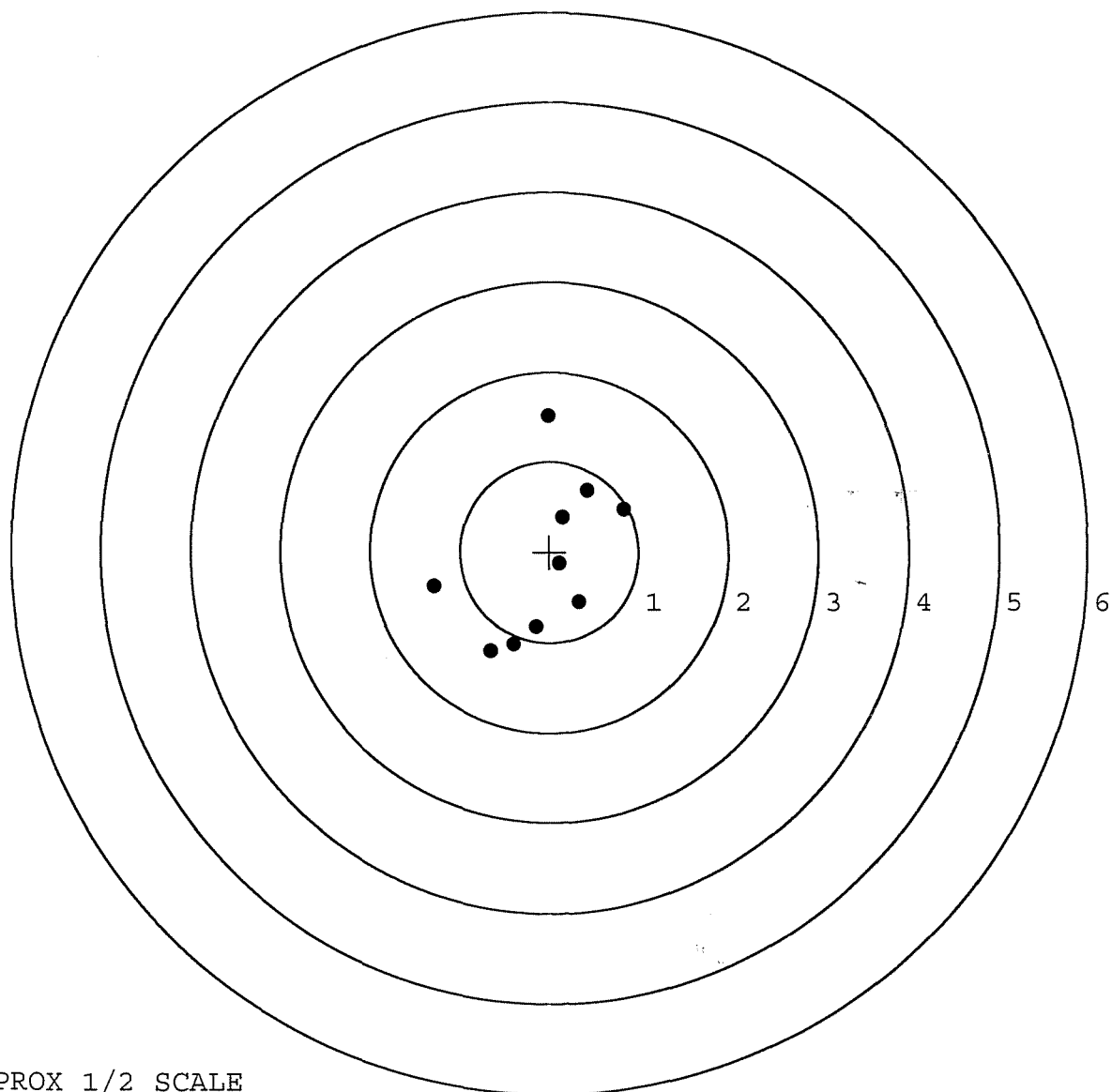
MAX RADIUS: 1.610

MEAN RADIUS: 0.904

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461620. __0

TARGET NUMBER: 5

FILE DATE: 11/01/2005

FILE TIME: 11:08

POINT#	X	Y
1:	0.710	0.798
2:	0.521	0.161
3:	0.293	-0.017
4:	0.515	-0.478
5:	0.246	-0.356
6:	0.039	-0.523
7:	-0.571	-0.132
8:	-0.158	0.094
9:	-0.464	0.340
10:	-1.548	-0.750

X CENTROID: -0.042

Y CENTROID: -0.086

POA TO CENTROID: 0.096

HORZ SPREAD: 2.258

VERT SPREAD: 1.548

GROUP SPREAD: 2.738

MIN RADIUS: 0.215

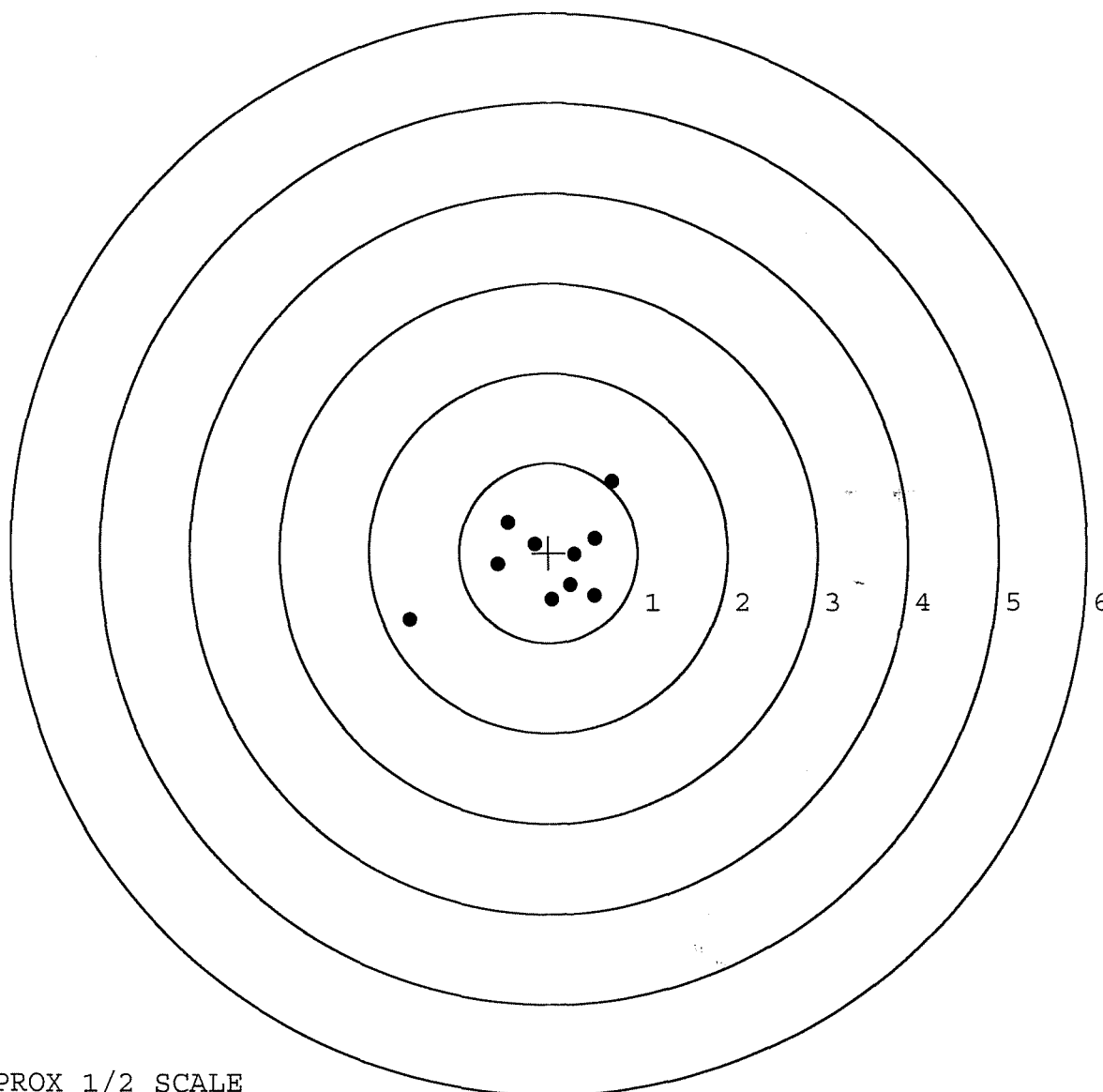
MAX RADIUS: 1.646

MEAN RADIUS: 0.663

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

5

6646/620

CLIN	DESCRIPTION	NSN	MFG / PN	COMPONENT USED ON RIFLE AND DEPLOYMENT KIT	INCLUDE IN INTERCHANGEABILITY TEST?		
.IN 0020	TRIGGER PULL ADJ SCREW	1005-01-260-2657	96030	BOTH	ALT TEST PROCEDURE	PASS	FAIL
.IN 0001	FIRING PIN ASSEMBLY	1005-01-260-2636	96007	BOTH	YES	PASS	FAIL
.IN 0003	MAGAZINE FOLLOWER	1005-01-260-2638	96104	BOTH	YES	PASS	FAIL
.IN 0004	MAGAZINE SPRING	1005-01-260-2639	15677	BOTH	YES	PASS	FAIL
.IN 0005	SWIVEL, SLING, SMALL	1005-01-260-2640	96023	BOTH	YES	PASS	FAIL
.IN 0006	SWIVEL, SCREW	1005-01-260-2641	96022	BOTH	YES	PASS	FAIL
.IN 0007	SCOPE, ADJ DIAL DUST COVER	1005-01-260-2642	96042	BOTH	YES	PASS	FAIL
.IN 0023	SYSTEM CASE	1005-01-260-2662	96069	RIFLE	YES	PASS	FAIL
.IN 0026	BIPOD HARRIS	1005-01-260-2665	96117	RIFLE	YES	PASS	FAIL
.IN 0027	CASE, SCOPE	1005-01-260-2666	96081	RIFLE	YES	PASS	FAIL
.IN 0030	SIGHT, FRONT	1005-01-262-2819	96118	RIFLE	YES	PASS	FAIL
.IN 0002	FRONT SIGHT INSERTS KIT	1005-01-260-2637	96105	DEPLOYMENT KIT	YES	PASS	FAIL
.IN 0016	REAR SIGHT BASE SCREW	1005-01-260-2653	96017	BOTH	YES	PASS	FAIL
.IN 0017	FRONT SIGHT BASE SCREW	1005-01-260-2654	96012	BOTH	YES	PASS	FAIL
.IN 0018	REAR GUARD SCREW	1005-01-260-2655	96015	BOTH	YES	PASS	FAIL
.IN 0019	FRONT GUARD SCREW	1005-01-260-2656	96010	BOTH	YES	PASS	FAIL
.IN 0021	SUNSHADE	1005-01-260-2660	96049	DEPLOYMENT KIT	YES	PASS	FAIL
.IN 0008	DUST COVER, FRONT	1005-01-260-2643	96043	DEPLOYMENT KIT	NO		
.IN 0009	DUST COVER, REAR	1005-01-260-2644	96044	DEPLOYMENT KIT	NO		
.IN 0010	HANDLE, TORQUE WRENCH	1005-01-260-2645	96059	DEPLOYMENT KIT	NO		
.IN 0011	SCOPE, WINDAGE DIAL	1005-01-502-3531	96271	BOTH	NO		
.IN 0012	SCOPE, ELEVATION DIAL	1005-01-502-3532	96270	BOTH	NO		
.IN 0013	SCOPE, RING SCREW	1005-01-260-2650	96083	BOTH	NO		
.IN 0014	SCOPE, BASE SCREW FRONT	1005-01-260-2651	96037	BOTH	NO		
.IN 0015	SCOPE, BASE SCREW REAR	1005-01-260-2652	96038	BOTH	NO		
.IN 0022	CASE, LENS CLEANING	1005-01-260-2661	96041	DEPLOYMENT KIT	NO		
.IN 0024	TOP FOAM	1005-01-260-2663	96078	SYSTEM CASE ONLY	NO		
.IN 0025	BOTTOM FOAM	1005-01-260-2664	96079	SYSTEM CASE ONLY	NO		
.IN 0028	SCOPE, FOCUS DIAL	1005-01-262-2817	96047	BOTH	NO		
.IN 0029	CASE, CARRYING, WEAPON	1005-01-262-2818	96076	RIFLE	NO		

BARBER - M24 0153847

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M2400453886