

G 646 1665

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

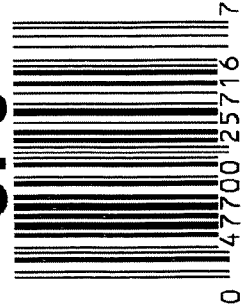
24"

CAPACITY

6

G6461665

UPC



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

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SERIAL NO.



66461665

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6461665

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		10-4-05	RTZ
440	PROOF		10-5-05	BC
460	CHECK HEADSPACE		10-5-05	BC
470	DIS-ASSEMBLE ACTION	MAGNA-FLUX INSPECTED	10-6-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OCT 10 2005 1560 OPERATOR <u>Wend</u>	10/10/05	Wend
500	ROLLMARK CALIBER		10-10-05	CW
510	DRILL AND TAP SIGHT HOLES		10-7-05	TRW
520	GOFF BLAST BBL / REC		10-14-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		10/19/05	RB
	(BOLT)		10/19/05	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		10/20/05	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/20/05	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/20/05	DA
	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>8 16</u> <u>7 16</u> <u>8 16</u>	11-2-05	BC
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3 16</u> <u>3 16</u> <u>3 16</u>	11-2-05	BC
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	11-2-05	BC
	J) ASSEMBLE STOCK		10-26-05	RTZ
	K) ASSEMBLE SWIVEL STUDS		11-2-05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-2-05	BC
	M) IRON SIGHT ALIGNMENT		11-2-05	BC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-2-05	BC
640 & 650	FUNCTION TEST AND TARGET	PASS PASS FAIL ^{OK}	10/26/05	MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/26/05	MTM
670	FINAL INSPECTION A) HEADSPACE		11-2-05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.45</u> <u>2.50</u> <u>2.49</u> <u>2.58</u> <u>2.64</u>	11-1-05	BC
	C) FUNCTION		11-2-05	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 10-22-05

TESTER R.P

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.27		2.59	
PULL #2	2.39	2.35		2.54	
PULL #3	2.64	2.28		2.50	
PULL #4	2.58	2.28		2.58	
PULL #5	2.52	2.40		2.61	
TOTAL	12.67	11.58		12.82	
AVERAGE	2.53	2.31		2.56	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.03		
PULL #2	3.02	3.00		
PULL #3	3.05	2.96		
PULL #4	3.20	2.90		
PULL #5	2.93	3.12		
TOTAL	15.44	15.01		
AVERAGE	3.08	3.00		

	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	4.09	4.10		4.07
PULL #2	4.07	3.85		3.91
PULL #3	4.15	4.16		4.09
PULL #4	4.05	4.07		4.20
PULL #5	4.12	3.85		4.01
TOTAL	20.48	20.03		20.28
AVERAGE	4.09	4.00		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461665.___0
FILE DATE AND TIME: 10/29/2005 04:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.082
The Average Y Centroid of the Five Target Set:	0.144
The Average Point of Impact of the Five Target Set:	0.166
The Average Mean Radius of the Five Target Set:	0.925
The Distance from POA to Centroid Target #1:	0.333
The Distance from Centroid Target #2 to Centroid Target #1:	0.441
The Distance from Centroid Target #3 to Centroid Target #1:	0.484
The Distance from Centroid Target #4 to Centroid Target #1:	0.410
The Distance from Centroid Target #5 to Centroid Target #1:	0.273

SERIAL NUMBER: G6461665. 0

TARGET NUMBER: 1

FILE DATE: 10/29/2005

FILE TIME: 04:59

X CENTROID: 0.327

Y CENTROID: -0.062

POA TO CENTROID: 0.333

HORZ SPREAD: 2.894

VERT SPREAD: 2.170

GROUP SPREAD: 2.909

MIN RADIUS: 0.135

MAX RADIUS: 2.129

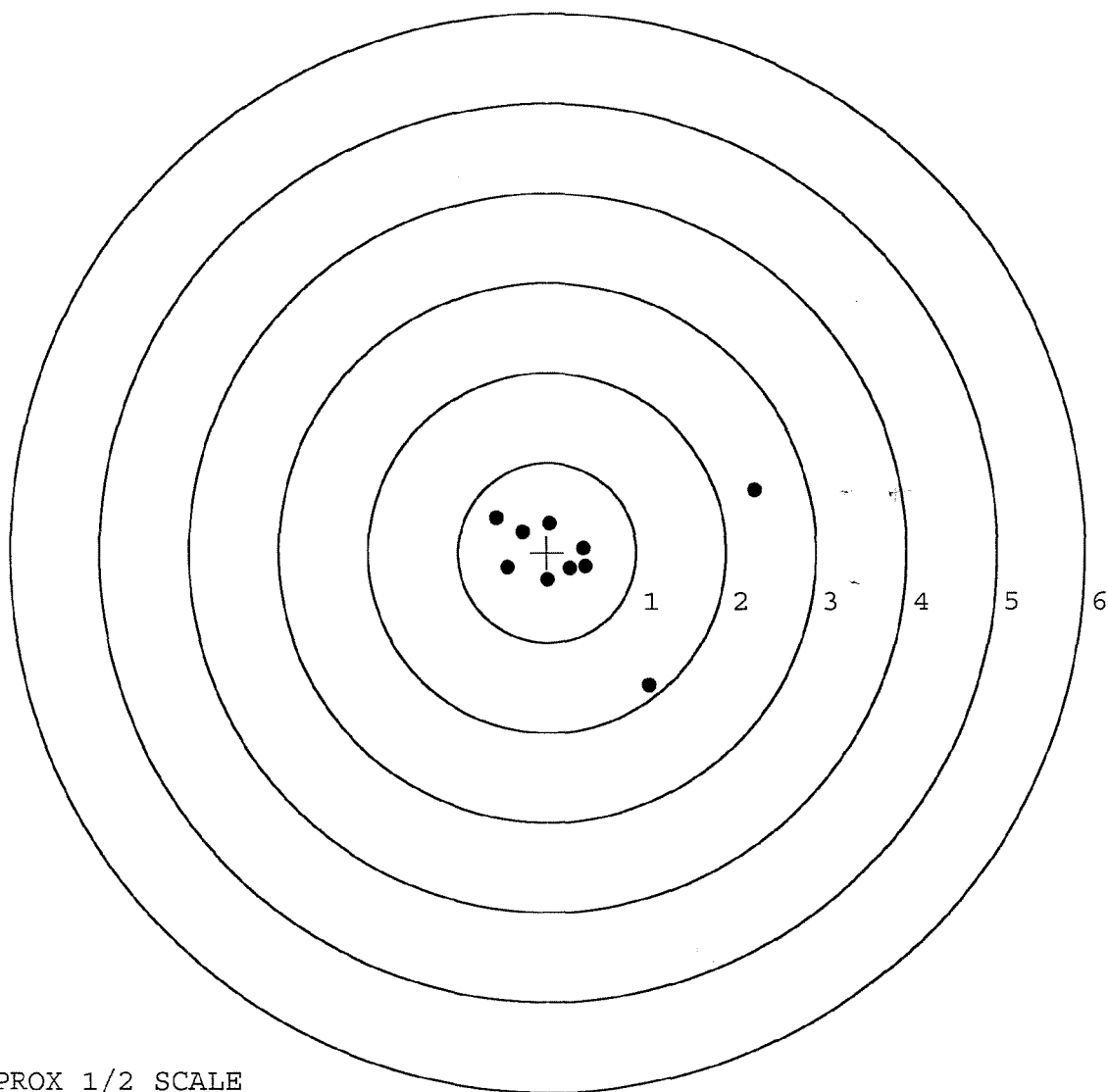
MEAN RADIUS: 0.755

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.141	-1.482
2:	-0.453	-0.169
3:	-0.575	0.390
4:	-0.281	0.230
5:	0.022	0.321
6:	0.408	0.047
7:	0.433	-0.159
8:	-0.004	-0.310
9:	0.260	-0.180
10:	2.319	0.688

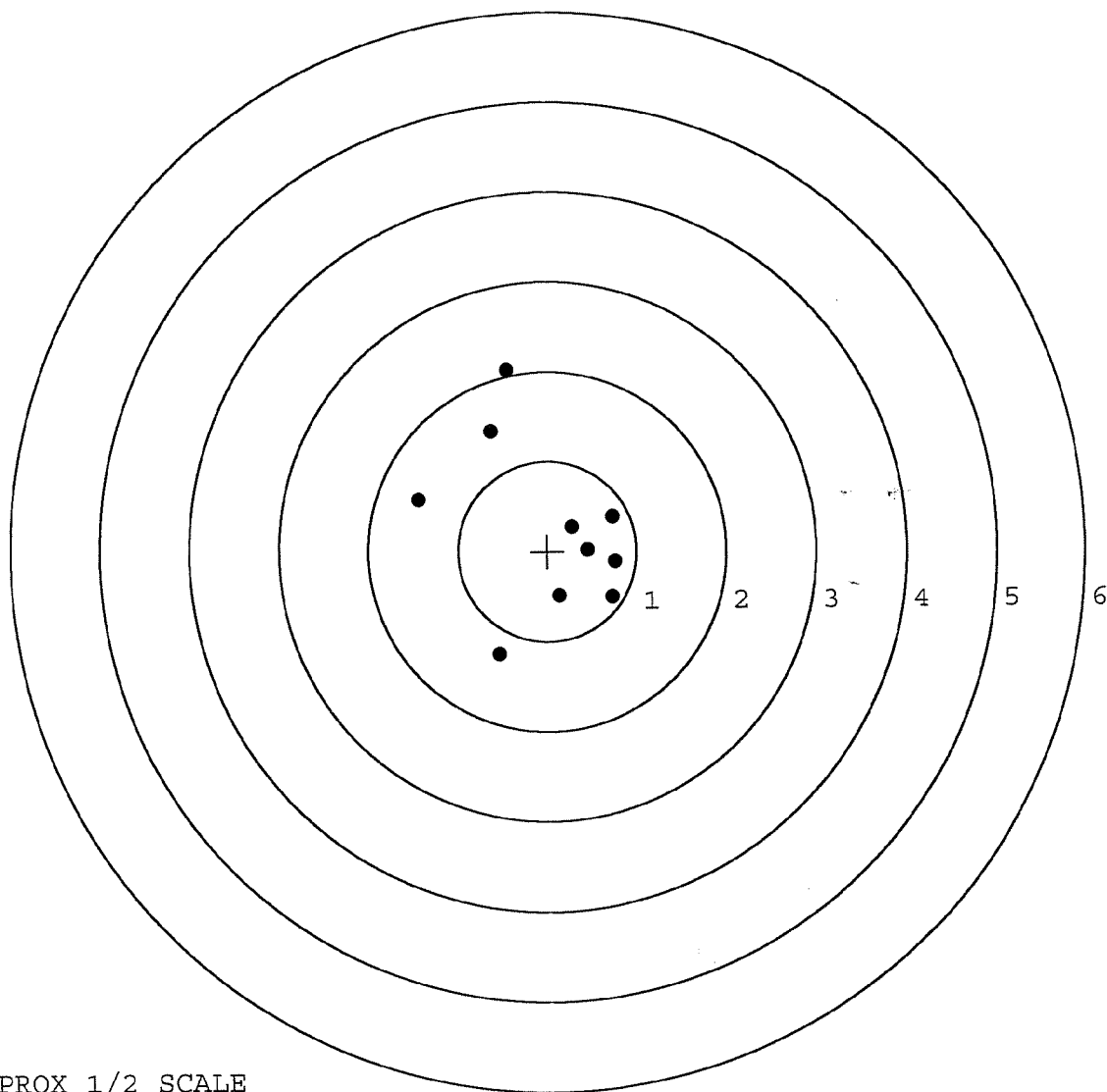


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665.___0
TARGET NUMBER: 2
FILE DATE: 10/29/2005
FILE TIME: 04:59

X CENTROID: -0.001
Y CENTROID: 0.233
POA TO CENTROID: 0.233
HORZ SPREAD: 2.191
VERT SPREAD: 3.157
GROUP SPREAD: 3.159
MIN RADIUS: 0.279
MAX RADIUS: 1.839
MEAN RADIUS: 1.021
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.551	-1.141
2:	-1.435	0.575
3:	-0.633	1.340
4:	-0.451	2.016
5:	0.276	0.273
6:	0.730	0.384
7:	0.447	0.014
8:	0.756	-0.119
9:	0.724	-0.513
10:	0.132	-0.499



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665. 0

TARGET NUMBER: 3

FILE DATE: 10/29/2005

FILE TIME: 04:59

X CENTROID: -0.071

Y CENTROID: 0.213

POA TO CENTROID: 0.225

HORZ SPREAD: 1.722

VERT SPREAD: 2.570

GROUP SPREAD: 2.694

MIN RADIUS: 0.307

MAX RADIUS: 1.502

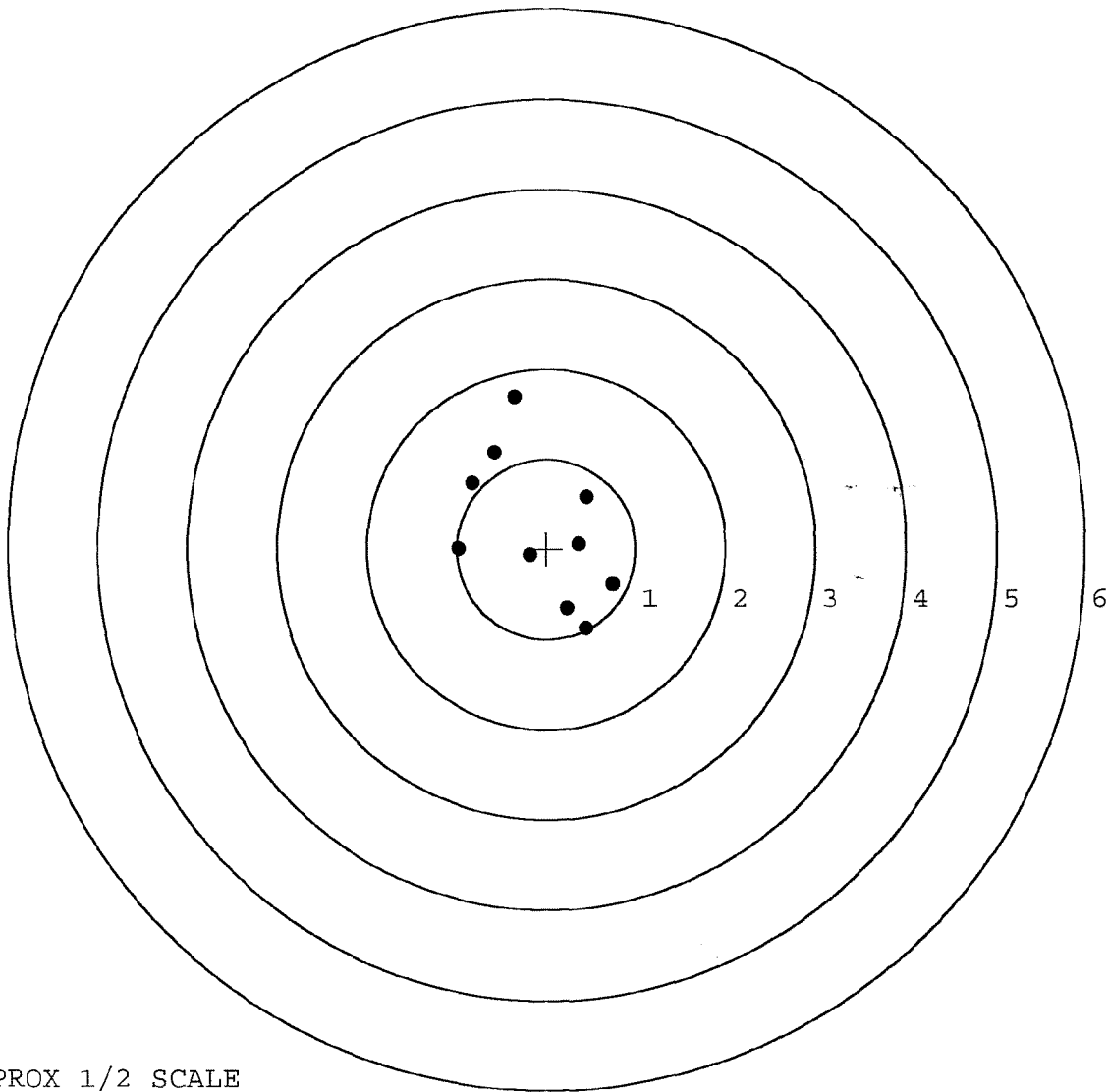
MEAN RADIUS: 0.893

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.443	-0.883
2:	0.741	-0.398
3:	0.233	-0.662
4:	0.363	0.055
5:	0.453	0.586
6:	-0.186	-0.072
7:	-0.981	0.005
8:	-0.831	0.737
9:	-0.584	1.078
10:	-0.364	1.687

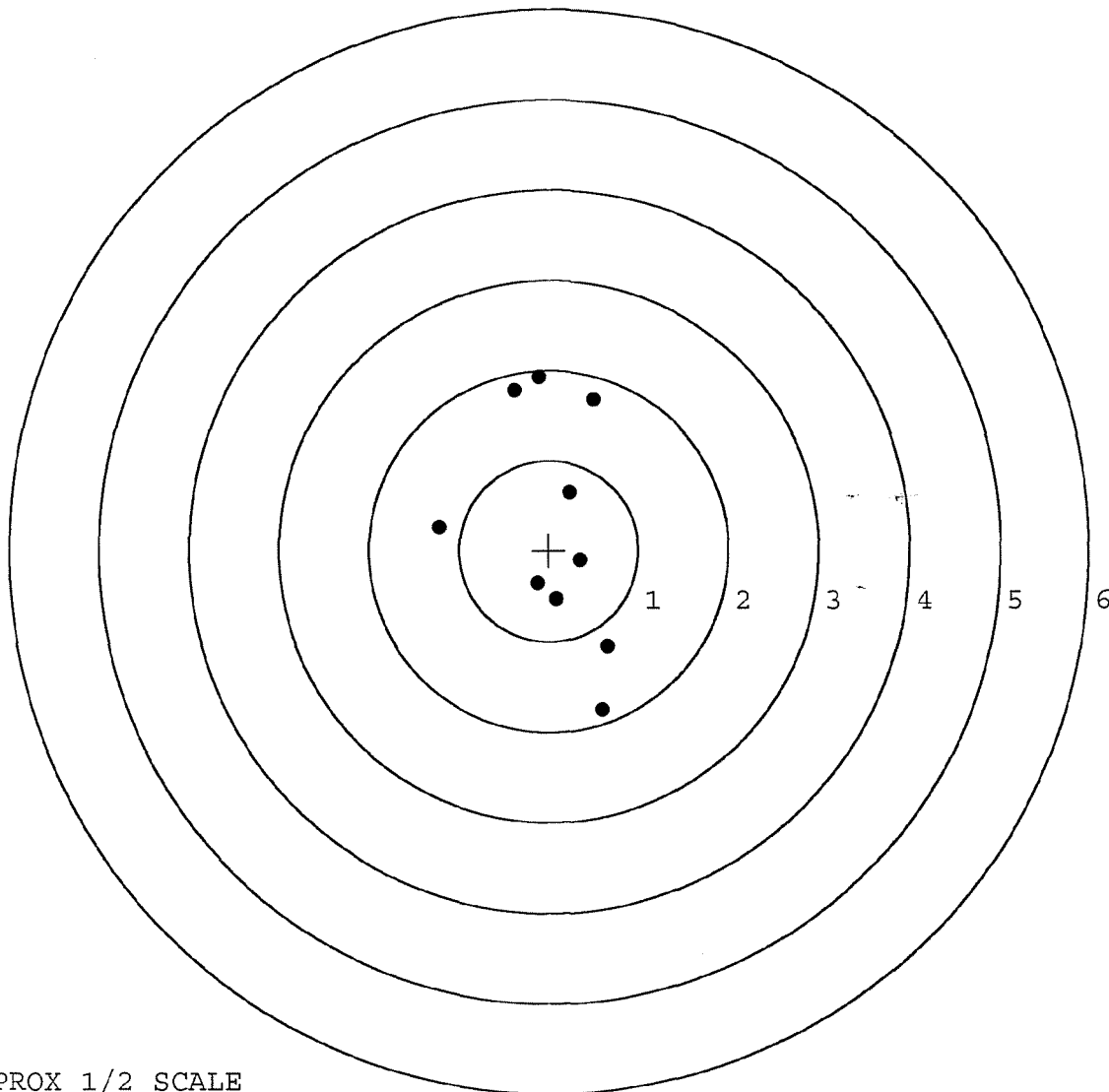


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665. __0
TARGET NUMBER: 4
FILE DATE: 10/29/2005
FILE TIME: 04:59

X CENTROID: 0.055
Y CENTROID: 0.244
POA TO CENTROID: 0.250
HORZ SPREAD: 1.870
VERT SPREAD: 3.682
GROUP SPREAD: 3.750
MIN RADIUS: 0.442
MAX RADIUS: 2.073
MEAN RADIUS: 1.189
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.598	-1.756
2:	0.648	-1.058
3:	0.348	-0.108
4:	0.085	-0.541
5:	-0.128	-0.369
6:	0.227	0.651
7:	-1.222	0.247
8:	0.494	1.674
9:	-0.114	1.926
10:	-0.390	1.776

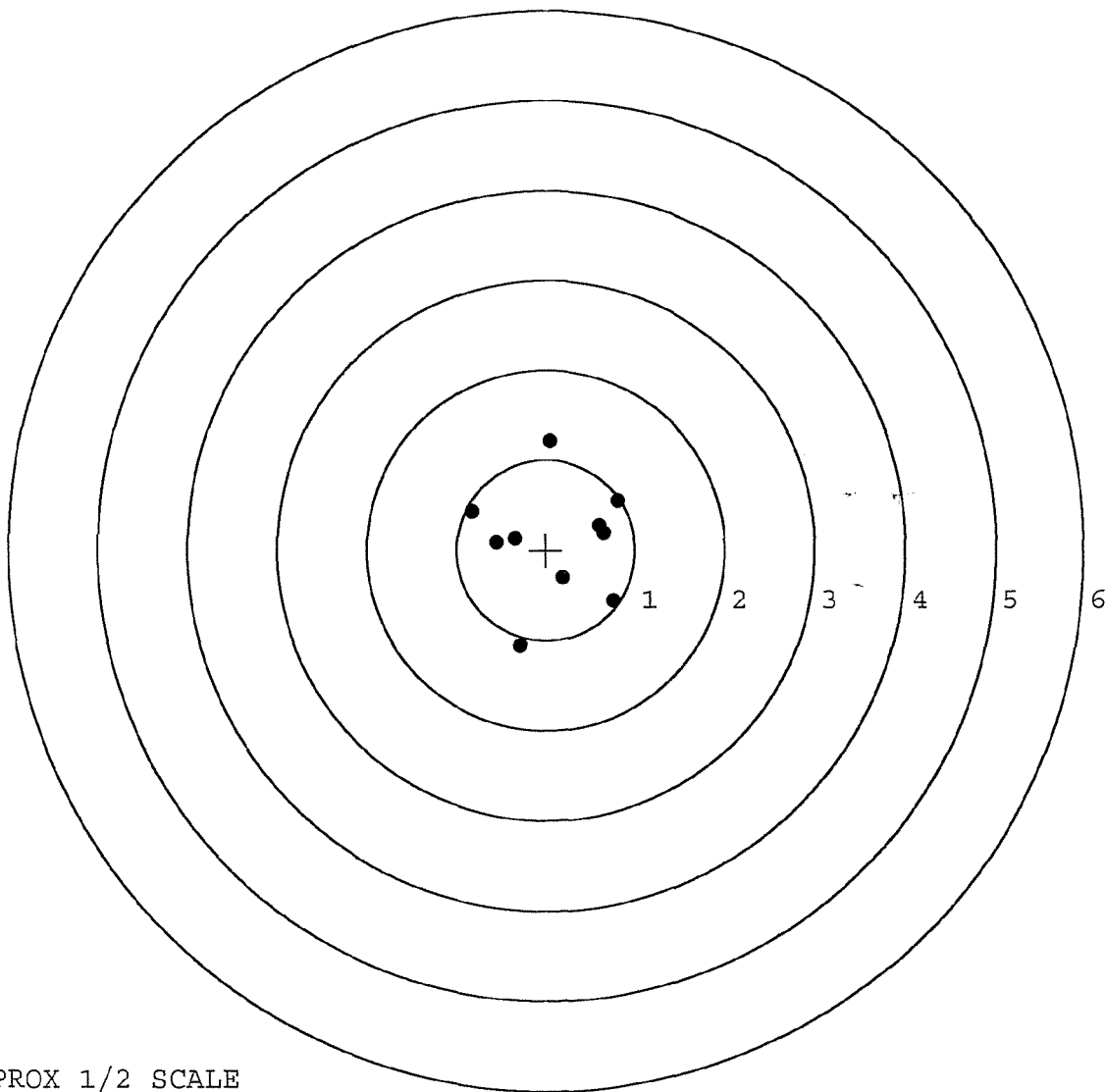


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461665. __0
TARGET NUMBER: 5
FILE DATE: 10/29/2005
FILE TIME: 04:59

POINT#	X	Y
1:	0.758	-0.565
2:	-0.288	-1.060
3:	0.189	-0.308
4:	0.645	0.194
5:	0.805	0.547
6:	0.051	1.205
7:	-0.342	0.129
8:	-0.557	0.091
9:	-0.833	0.427
10:	0.598	0.278

X CENTROID: 0.103
Y CENTROID: 0.094
POA TO CENTROID: 0.139
HORZ SPREAD: 1.638
VERT SPREAD: 2.265
GROUP SPREAD: 2.290
MIN RADIUS: 0.411
MAX RADIUS: 1.218
MEAN RADIUS: 0.769
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

6646/665

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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		