

G-657724C

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

- INSTRUCTION BOOK 3518

1P FORM

proof of purchase



owner registration sticker



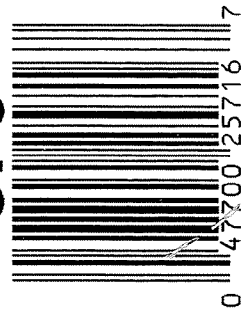
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6577246

UPC



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

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SERIAL NO.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6577246

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-12-06	RTZ
420	ASSEMBLE ACTION		10-12-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF		10-13-06	TRW
460	CHECK HEADSPACE		10-13-06	TRW
470	DIS-ASSEMBLE ACTION		10-13-06	DK
480	MAGNAFLUX BBL ACTION		10/14/06	unns
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-13-06	CW
510	DRILL AND TAP SIGHT HOLES		10-13-06	TRW
520	GOFF BLAST BBL / REC		10-16-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/19/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-8-06	BLG
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-8-06	BLG
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-8-06	BLG
	D) OIL FIRING PIN ASSEMBLY		11-8-06	BLG
	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>6.0</u> <u>6.0</u> <u>6.0</u>	11-20-06	BLC
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3.5</u> <u>3.5</u>	11-20-06	BLC
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.020</u> <u>.020</u> <u>.020</u>	11-20-06	BLC
	J) ASSEMBLE STOCK		11-8-06	BLC
	K) ASSEMBLE SWIVEL STUDS		11-20-06	BLC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		11-20-06	BLC
	M) IRON SIGHT ALIGNMENT		11-20-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		11-20-06	BLC
640 & 650	FUNCTION TEST AND TARGET	<u>(PASS)</u> FAIL <u>(PASS)</u> FAIL	11-8-06	TRW
	MALFUNCTION <i>(Hovers live ammo)</i>	CORRECTION OK	11-16-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		11-8-06	SAE
670	FINAL INSPECTION A) HEADSPACE		11-20-06	BLC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>249</u> <u>246</u> <u>230</u> <u>250</u> <u>245</u>	11-20-06	RP
	C) FUNCTION		11-20-06	BLC
690	PACK		11-20-06	BLC

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 11-7-06

TESTER SD

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.39	2.15		2.47	
PULL #2	2.50	2.11		2.39	
PULL #3	2.42	2.04		2.45	
PULL #4	2.43	2.19		2.44	
PULL #5	2.59	2.28		2.57	
TOTAL	1233	1077		1232	
AVERAGE	246	215		246	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	2.95		
PULL #2	3.21	2.81		
PULL #3	3.13	2.83		
PULL #4	3.14	2.82		
PULL #5	3.10	2.84		
TOTAL	1585	1425		
AVERAGE	317	285		

	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	4.00	3.96		4.13
PULL #2	4.08	3.91		4.15
PULL #3	4.05	3.97		4.12
PULL #4	4.10	3.88		4.16
PULL #5	4.05	3.90		4.18
TOTAL	2028	1962		2074
AVERAGE	405	392		414

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6577246.__0
FILE DATE AND TIME: 11/08/2006 14:58

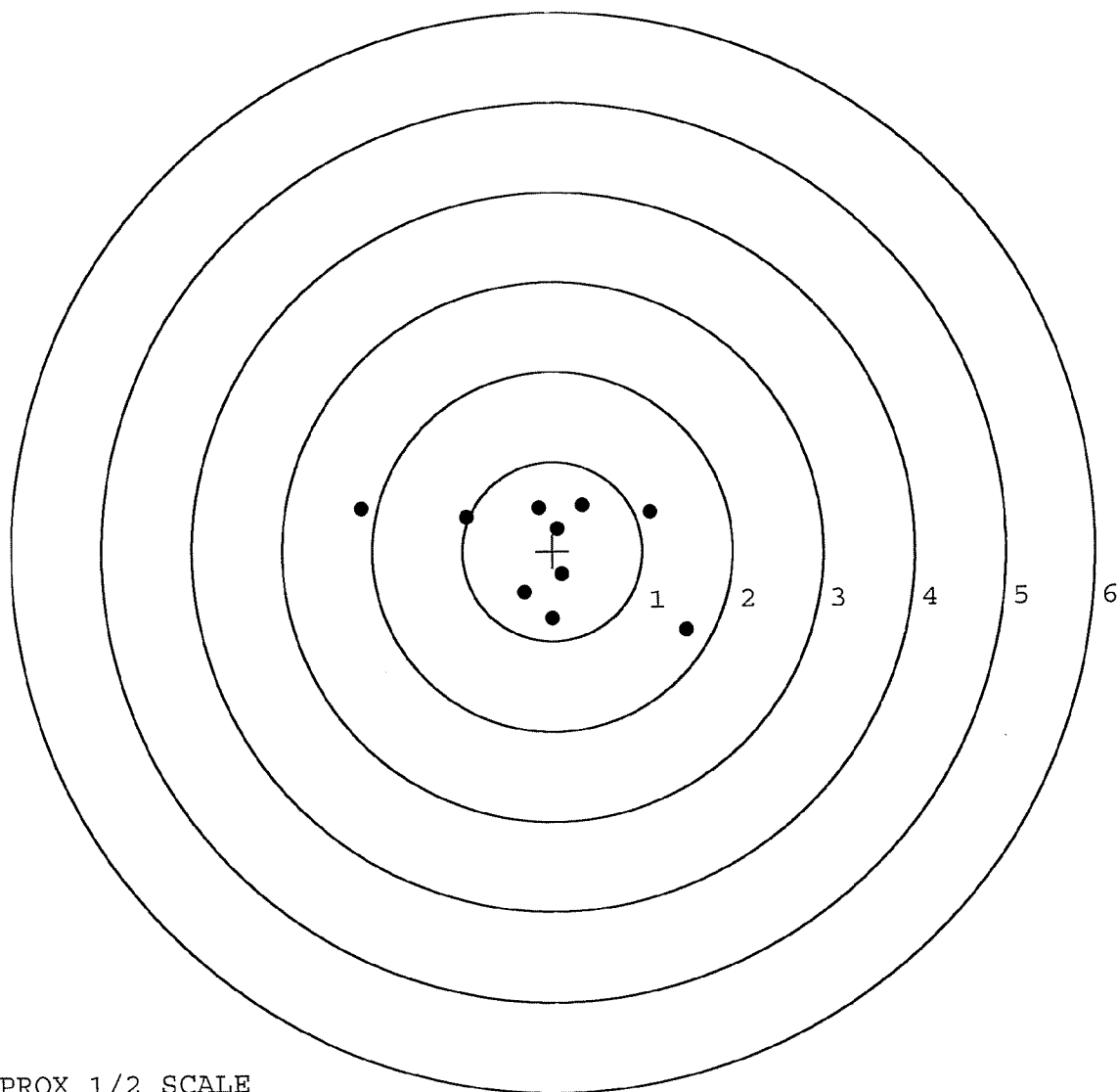
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.036
The Average Y Centroid of the Five Target Set:	-0.050
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.654
The Distance from POA to Centroid Target #1:	0.051
The Distance from Centroid Target #2 to Centroid Target #1:	0.139
The Distance from Centroid Target #3 to Centroid Target #1:	0.083
The Distance from Centroid Target #4 to Centroid Target #1:	0.067
The Distance from Centroid Target #5 to Centroid Target #1:	0.111

SERIAL NUMBER: G6577246. __0
TARGET NUMBER: 1
FILE DATE: 11/08/2006
FILE TIME: 14:58

POINT#	X	Y
1:	1.483	-0.895
2:	1.088	0.433
3:	-0.009	-0.755
4:	-0.314	-0.460
5:	0.100	-0.261
6:	-0.955	0.383
7:	-2.119	0.489
8:	0.334	0.510
9:	-0.147	0.482
10:	0.054	0.247

X CENTROID: -0.048
Y CENTROID: 0.017
POA TO CENTROID: 0.051
HORZ SPREAD: 3.602
VERT SPREAD: 1.405
GROUP SPREAD: 3.859
MIN RADIUS: 0.252
MAX RADIUS: 2.124
MEAN RADIUS: 0.908
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577246.___0

TARGET NUMBER: 2

FILE DATE: 11/08/2006

FILE TIME: 14:58

POINT#	X	Y
1:	0.132	-1.010
2:	0.048	-0.699
3:	-0.780	-0.253
4:	0.620	0.732
5:	0.417	0.454
6:	0.294	0.223
7:	-0.086	0.202
8:	-0.275	-0.105
9:	-0.056	-0.145
10:	-0.130	-0.443

X CENTROID: 0.018

Y CENTROID: -0.104

POA TO CENTROID: 0.106

HORZ SPREAD: 1.400

VERT SPREAD: 1.742

GROUP SPREAD: 1.809

MIN RADIUS: 0.085

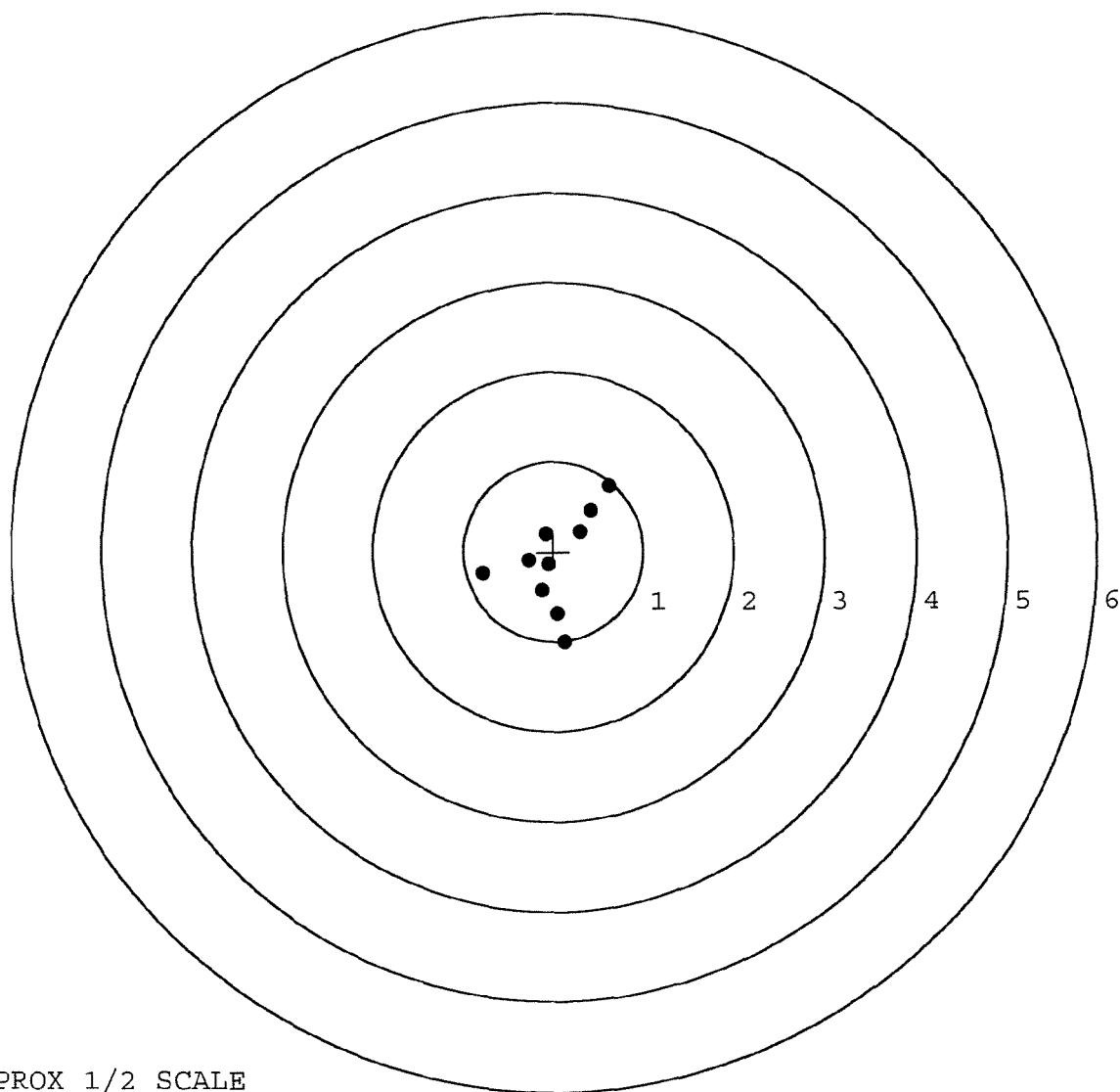
MAX RADIUS: 1.030

MEAN RADIUS: 0.554

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577246. __ 0

TARGET NUMBER: 3

FILE DATE: 11/08/2006

FILE TIME: 14:58

POINT#	X	Y
1:	-0.058	0.954
2:	0.430	0.247
3:	0.332	-0.146
4:	-0.126	0.197
5:	-0.203	-0.029
6:	-0.772	-0.522
7:	-0.507	-0.393
8:	-0.266	-0.333
9:	-0.047	-0.234
10:	0.062	-0.059

X CENTROID: -0.116

Y CENTROID: -0.032

POA TO CENTROID: 0.120

HORZ SPREAD: 1.202

VERT SPREAD: 1.476

GROUP SPREAD: 1.640

MIN RADIUS: 0.088

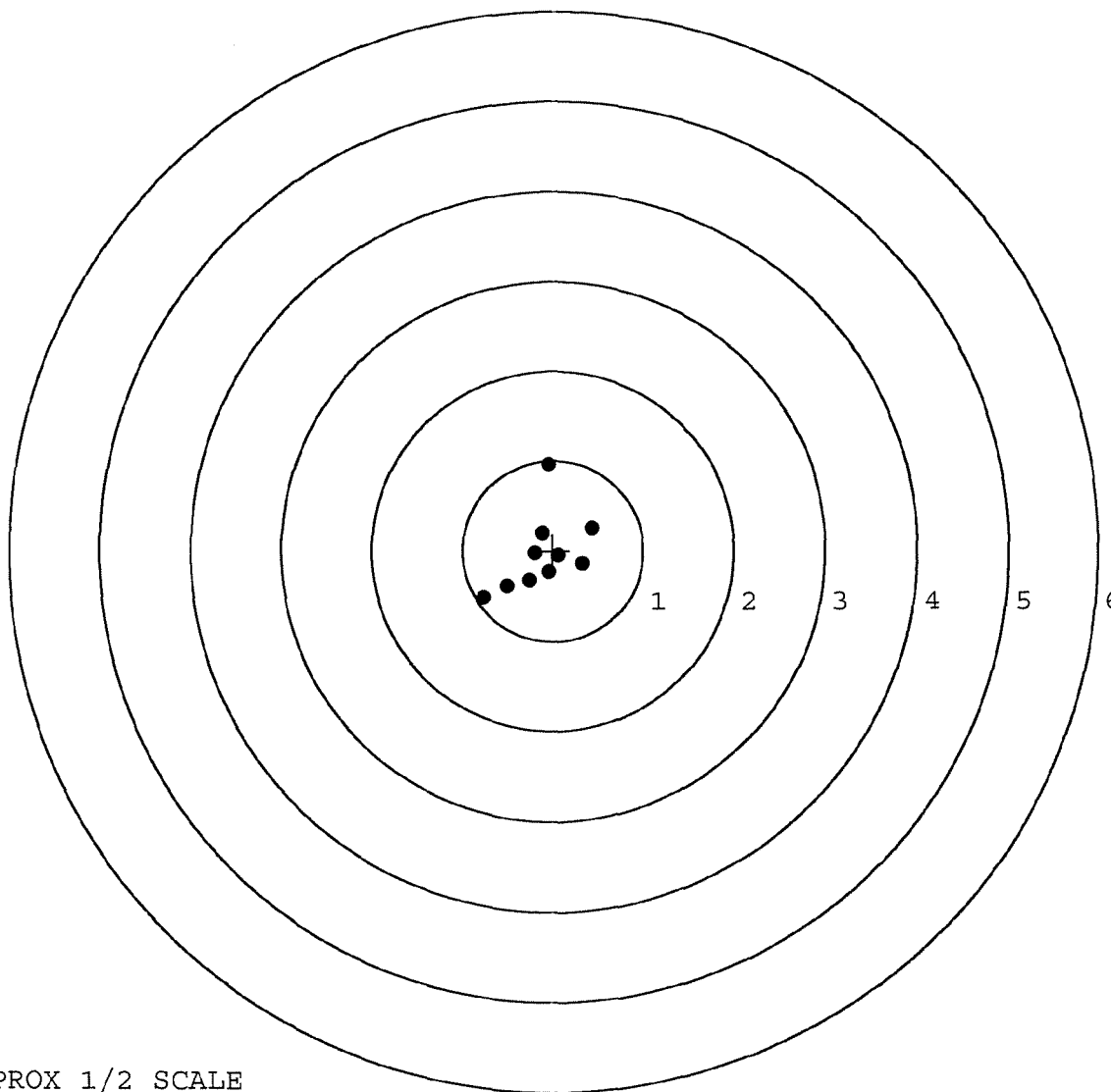
MAX RADIUS: 0.987

MEAN RADIUS: 0.446

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

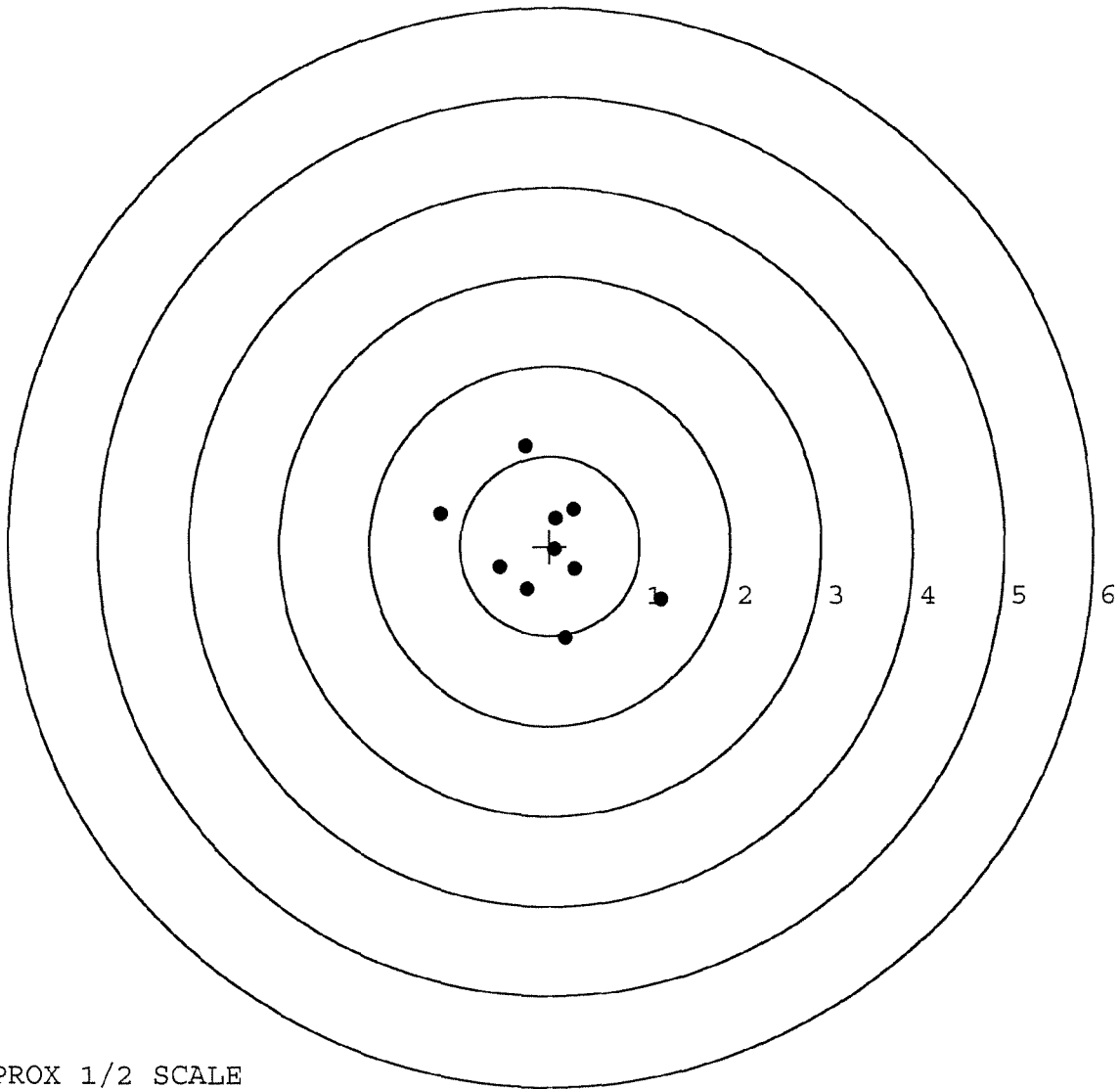


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577246. __ 0
TARGET NUMBER: 4
FILE DATE: 11/08/2006
FILE TIME: 14:58

X CENTROID: -0.023
Y CENTROID: -0.045
POA TO CENTROID: 0.050
HORZ SPREAD: 2.457
VERT SPREAD: 2.143
GROUP SPREAD: 2.634
MIN RADIUS: 0.080
MAX RADIUS: 1.378
MEAN RADIUS: 0.724
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.240	-0.596
2:	0.180	-1.027
3:	0.279	-0.256
4:	0.057	-0.039
5:	-0.255	-0.480
6:	-0.558	-0.237
7:	0.266	0.409
8:	0.062	0.309
9:	-0.279	1.116
10:	-1.217	0.354



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6577246. 0

TARGET NUMBER: 5

FILE DATE: 11/08/2006

FILE TIME: 14:58

POINT#	X	Y
1:	1.112	0.648
2:	0.412	0.329
3:	-0.513	0.474
4:	0.440	-0.280
5:	0.073	-0.377
6:	0.347	-0.421
7:	-0.279	-0.683
8:	-0.334	-0.315
9:	-0.541	-0.152
10:	-0.859	-0.101

X CENTROID: -0.014

Y CENTROID: -0.088

POA TO CENTROID: 0.089

HORZ SPREAD: 1.971

VERT SPREAD: 1.331

GROUP SPREAD: 2.109

MIN RADIUS: 0.302

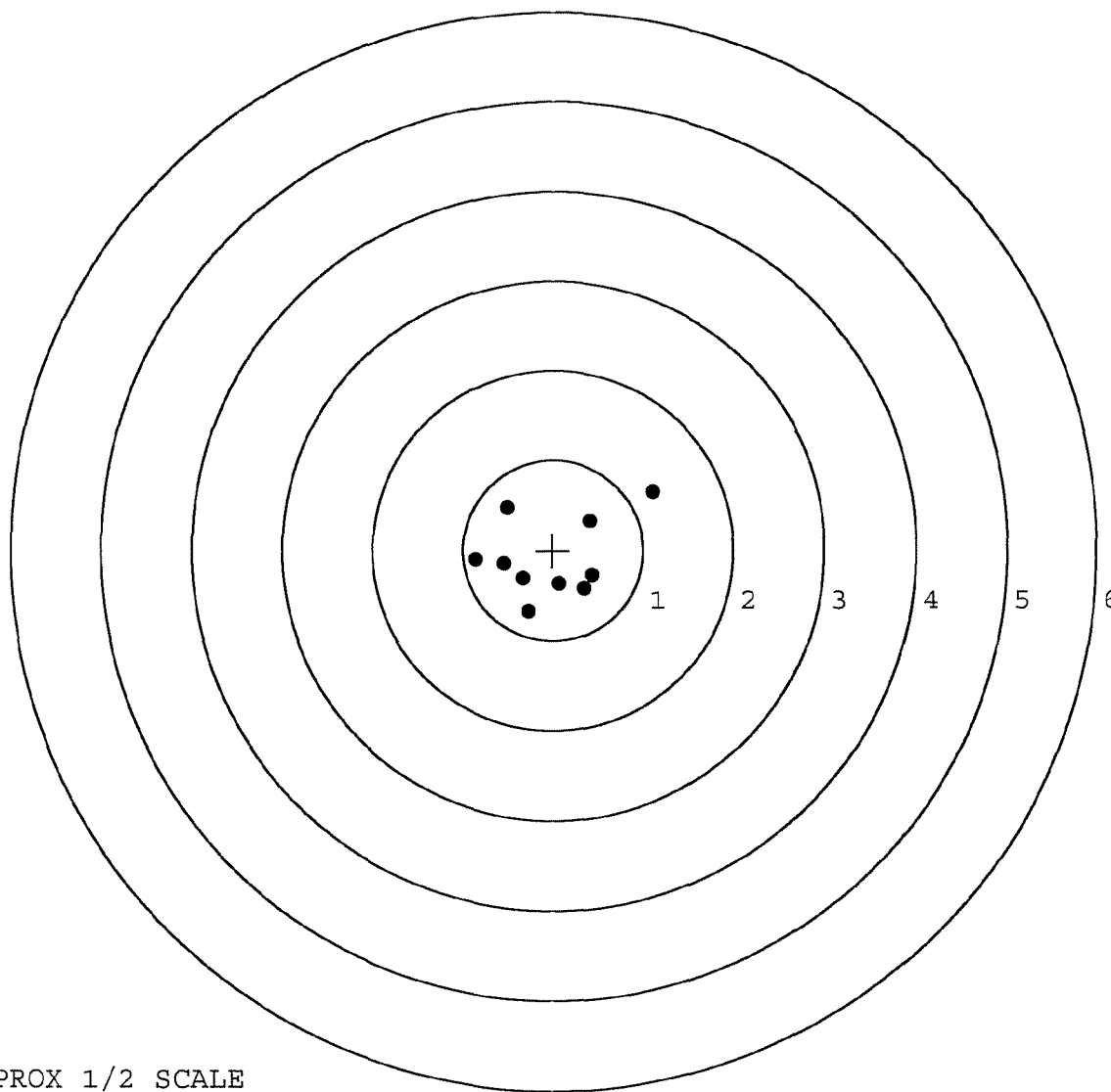
MAX RADIUS: 1.345

MEAN RADIUS: 0.640

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE