

E6790348

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

Remington®

MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

Made in Illinois, NY Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO. E6790348	ORDER NO. 25716
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MODEL 700™ M24

UPC



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SERIAL NO.



MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

- INSTRUCTION BOOK
- PRODUCT OWNER'S CARD
- SAFETY BOOKLET

46 FORM 1444



ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6790348



CONTRACT #

GUN SERIAL # E6790348

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		OCT 29-01	RW
600	PROOF		OCT 29-01	RW
607	CHECK HEADSPACE		OCT 29-01	RW
610	DIS-ASSEMBLE GUN		OCT 29-01	RW
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER		11/2/01	JS
617	DRILL AND TAP SIGHT HOLES		11-6	JS
620	APPLY COATINGS (BARREL ACTION)		11-8	TA
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-14-01	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-14-01	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-14-01	DA
	D) OIL FIRING PIN ASSEMBLY		11-14-01	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	12/7/01	DA

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>5.5</u> <u>5.5</u>	12/3/01	REP
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	12/3/01	Rep
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.022</u> <u>.023</u>	12/3/01	Rep
	J) ASSEMBLE STOCK		11-28-01	RA
	K) ASSEMBLE SWIVEL STUDS		12/7/01	Rep
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/7/01	Rep
	M) IRON SIGHT ALIGNMENT		12/7/01	Rep
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/7/01	Rep
640	GALLERY TEST AND TARGET	PASS FAIL	12-2-01	RW
	A) MALFUNCTIONS	PASS FAIL	12-2-01	RW
	B) PIERCED PRIMERS	PASS FAIL	12-2-01	RW
645	INSPECT FOR LIVE AMMO		12-2-01	RW
655	FINAL INSPECTION A) HEADSPACE		12/7/01	Rep
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>262</u> <u>265</u> <u>279</u> <u>278</u> <u>263</u>	12/3/01	Rep
	C) FUNCTION		12/7/01	Rep
660	PACK		12/7/01	RA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. E6790348

DATE 11/14/01

TESTER B.K.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.39	2.69	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.72	2.24	
PULL #3	2.50	2.39	2.21	
PULL #4	2.49	2.34	2.21	
PULL #5	2.49	2.43	2.19	
TOTAL	1236	1257	1119	
AVG.	2.47	2.51	2.23	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.13	3.30	
PULL #2	3.30	3.34	
PULL #3	3.37	3.09	
PULL #4	3.16	3.23	
PULL #5	3.12	3.19	
TOTAL	1608	1615	
AVG.	3.21	3.23	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.33		4.20
PULL #2	4.35	4.14		4.04
PULL #3	4.33	4.09		4.07
PULL #4	4.05	4.25		4.29
PULL #5	4.27	4.05		4.22
TOTAL	2139	2086		2082
AVG.	4.27	4.17		4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6790348.___0

FILE DATE AND TIME: 12/02/2001 05:28

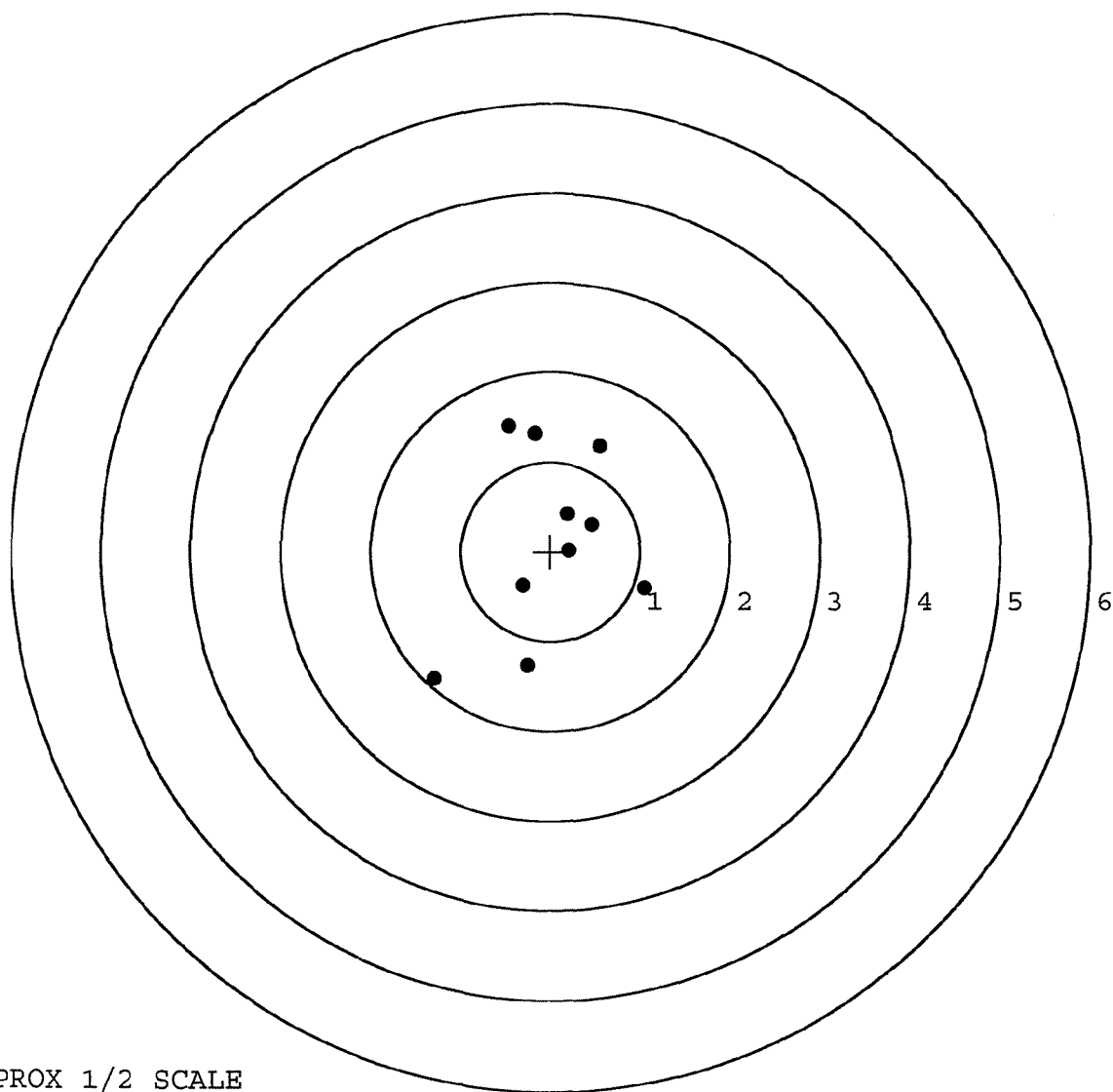
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	0.106
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	<u>1.010</u>
The Distance from POA to Centroid Target #1:	0.114
The Distance from Centroid Target #2 to Centroid Target #1:	0.241
The Distance from Centroid Target #3 to Centroid Target #1:	0.390
The Distance from Centroid Target #4 to Centroid Target #1:	0.207
The Distance from Centroid Target #5 to Centroid Target #1:	0.311

SERIAL NUMBER: E6790348. 0
TARGET NUMBER: 1
FILE DATE: 12/02/2001
FILE TIME: 05:28

POINT#	X	Y
1:	0.554	1.175
2:	-0.176	1.313
3:	-0.470	1.399
4:	0.190	0.424
5:	0.463	0.313
6:	1.049	-0.411
7:	-0.250	-1.280
8:	-1.287	-1.426
9:	-0.300	-0.385
10:	0.210	0.016

X CENTROID: -0.002
Y CENTROID: 0.114
POA TO CENTROID: 0.114
HORZ SPREAD: 2.336
VERT SPREAD: 2.825
GROUP SPREAD: 3.187
MIN RADIUS: 0.233
MAX RADIUS: 2.006
MEAN RADIUS: 1.006
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790348. __0

TARGET NUMBER: 2

FILE DATE: 12/02/2001

FILE TIME: 05:28

POINT#	X	Y
1:	1.222	-0.154
2:	0.425	-0.005
3:	0.056	-0.599
4:	-0.645	-0.832
5:	-0.956	-0.052
6:	-0.811	0.612
7:	0.162	0.536
8:	0.375	0.575
9:	0.582	0.513
10:	0.325	2.838

X CENTROID: 0.074

Y CENTROID: 0.343

POA TO CENTROID: 0.351

HORZ SPREAD: 2.178

VERT SPREAD: 3.670

GROUP SPREAD: 3.796

MIN RADIUS: 0.212

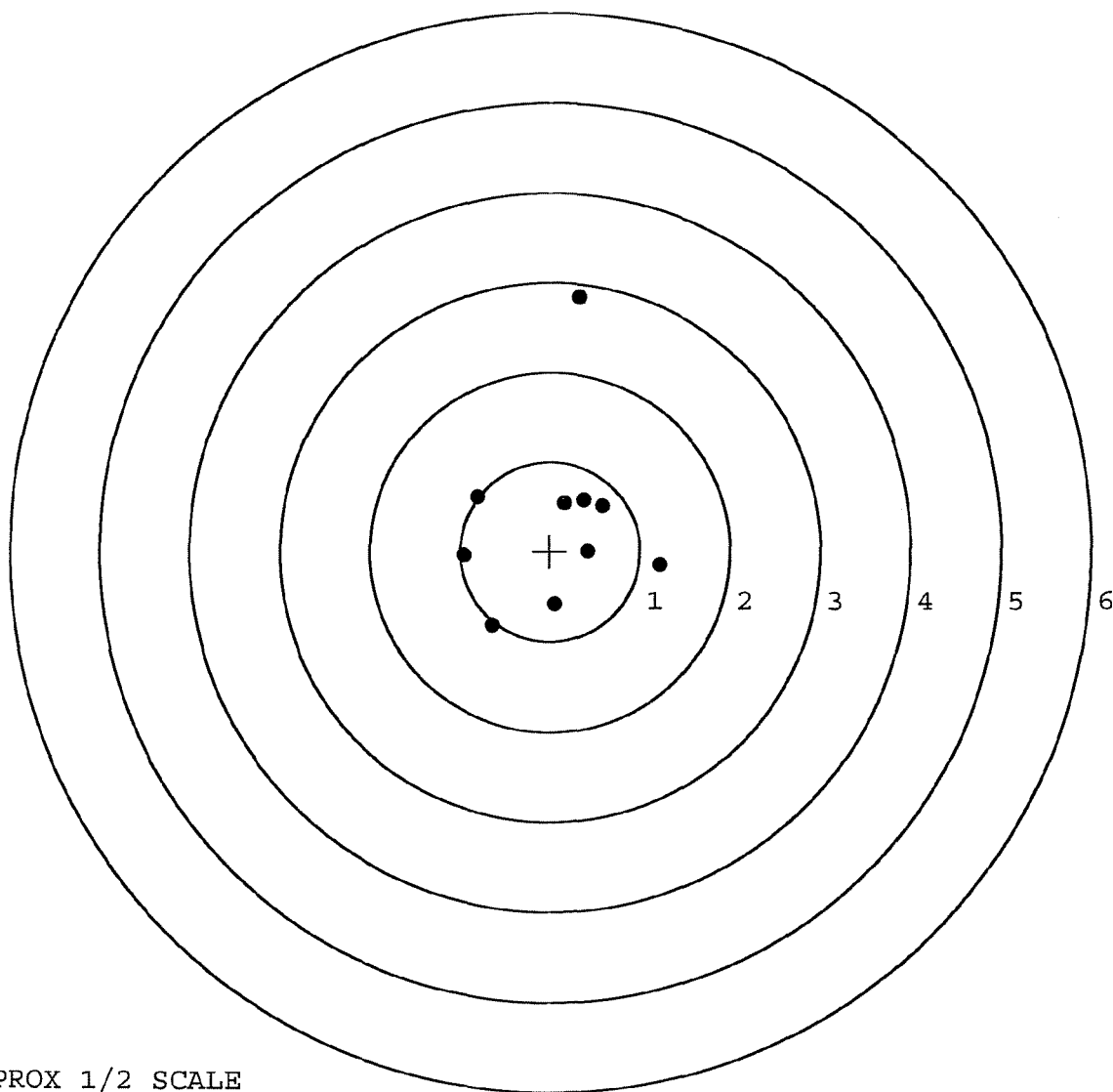
MAX RADIUS: 2.507

MEAN RADIUS: 0.973

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

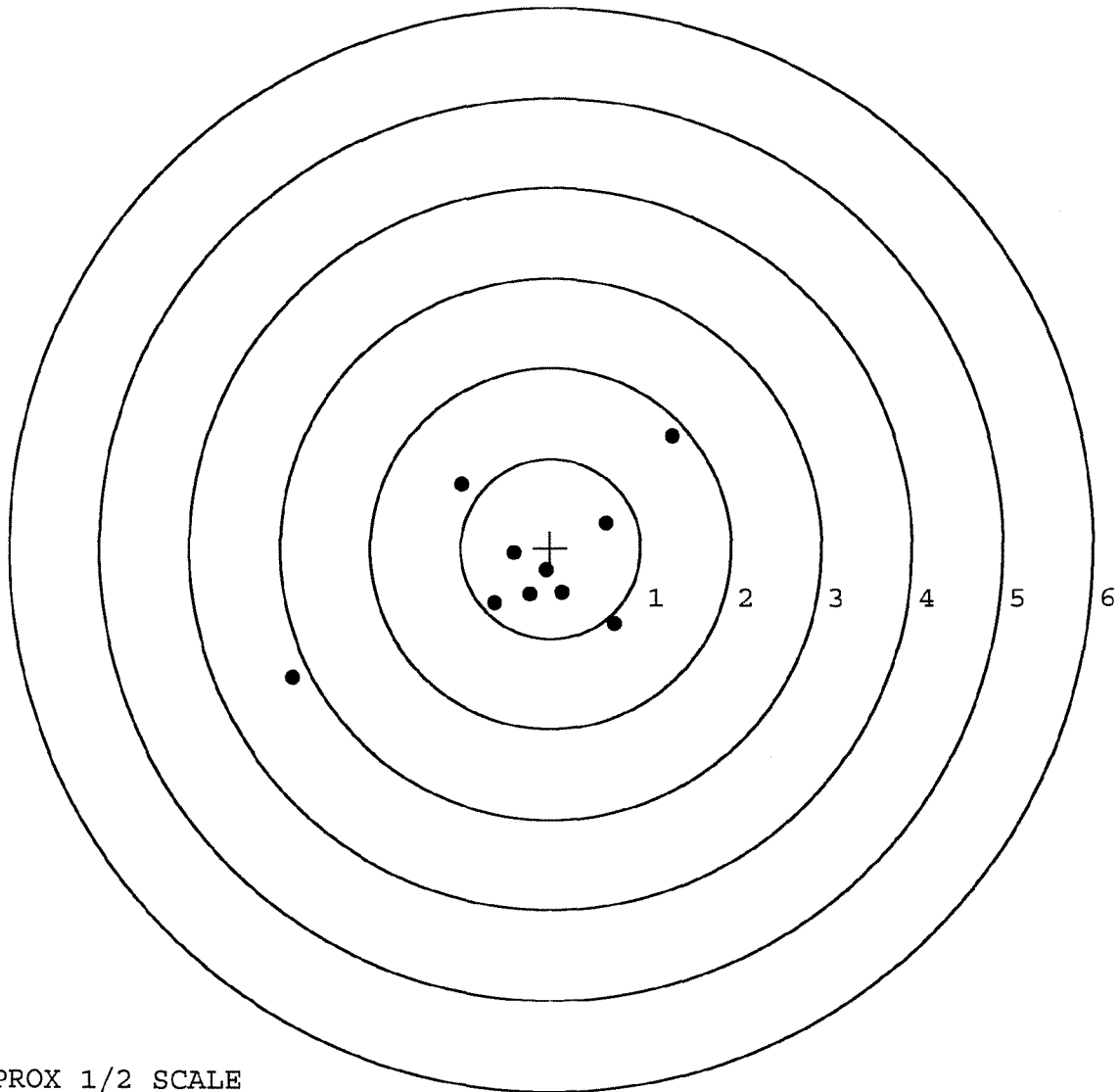


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790348. 0
TARGET NUMBER: 3
FILE DATE: 12/02/2001
FILE TIME: 05:28

POINT#	X	Y
1:	1.351	1.249
2:	0.617	0.281
3:	0.712	-0.845
4:	-2.857	-1.446
5:	-0.993	0.708
6:	-0.624	-0.613
7:	-0.403	-0.056
8:	-0.230	-0.519
9:	0.129	-0.495
10:	-0.051	-0.247

X CENTROID: -0.235
Y CENTROID: -0.198
POA TO CENTROID: 0.307
HORZ SPREAD: 4.208
VERT SPREAD: 2.695
GROUP SPREAD: 4.997
MIN RADIUS: 0.190
MAX RADIUS: 2.904
MEAN RADIUS: 1.013
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

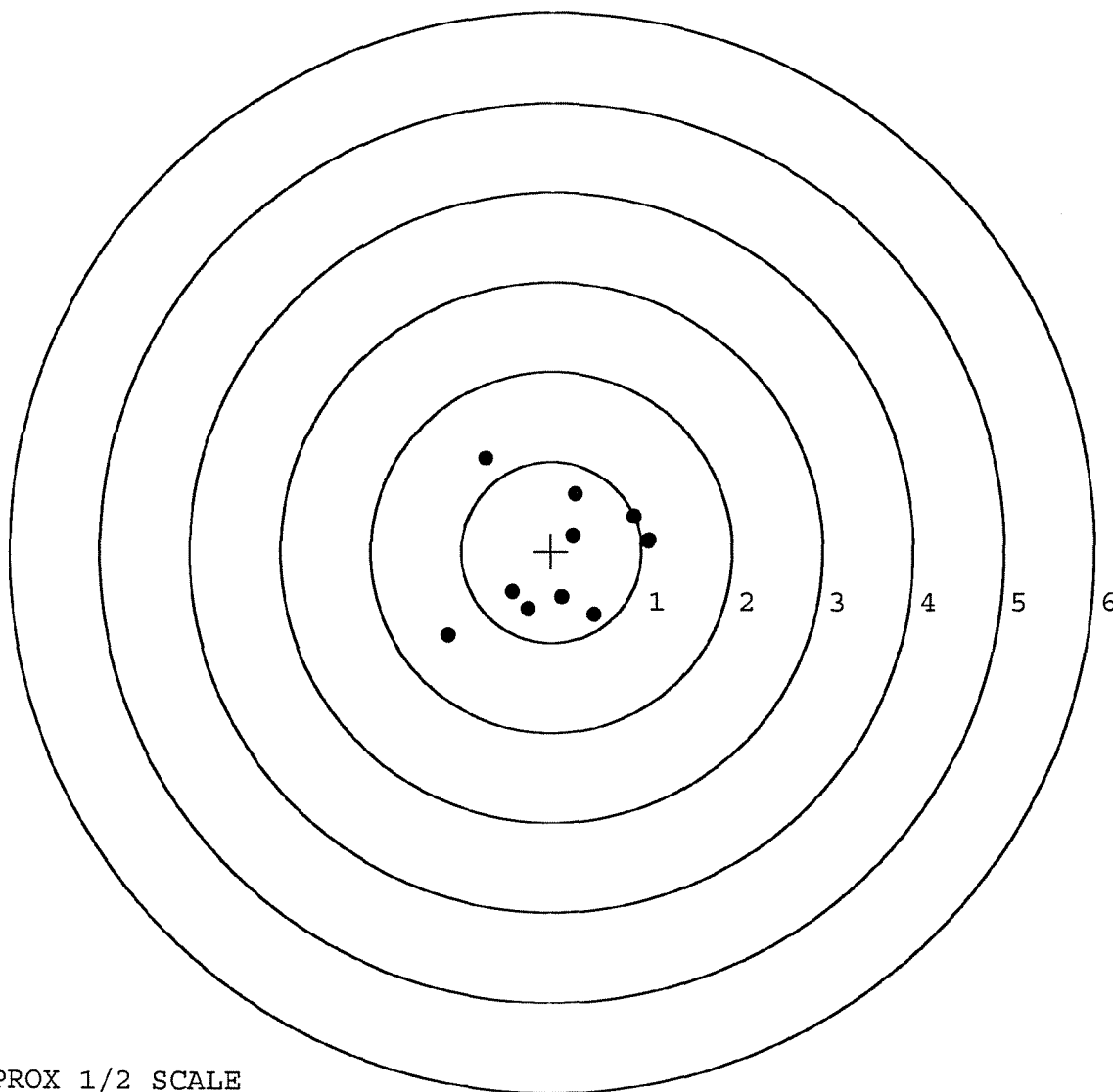


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790348. 0
TARGET NUMBER: 4
FILE DATE: 12/02/2001
FILE TIME: 05:28

POINT#	X	Y
1:	-0.732	1.034
2:	-1.141	-0.929
3:	0.479	-0.695
4:	1.078	0.121
5:	0.914	0.390
6:	0.238	0.173
7:	0.265	0.639
8:	-0.428	-0.447
9:	-0.258	-0.634
10:	0.119	-0.508

X CENTROID: 0.053
Y CENTROID: -0.086
POA TO CENTROID: 0.101
HORZ SPREAD: 2.219
VERT SPREAD: 1.963
GROUP SPREAD: 2.455
MIN RADIUS: 0.318
MAX RADIUS: 1.462
MEAN RADIUS: 0.833
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790348. 0

TARGET NUMBER: 5

FILE DATE: 12/02/2001

FILE TIME: 05:28

POINT#	X	Y
1:	-1.108	1.966
2:	-1.523	1.146
3:	-1.445	0.688
4:	-0.899	0.674
5:	-0.696	0.296
6:	0.038	0.500
7:	-0.117	-0.566
8:	0.830	-0.827
9:	1.273	-0.395
10:	1.657	0.062

X CENTROID: -0.199

Y CENTROID: 0.354

POA TO CENTROID: 0.406

HORZ SPREAD: 3.180

VERT SPREAD: 2.793

GROUP SPREAD: 3.360

MIN RADIUS: 0.278

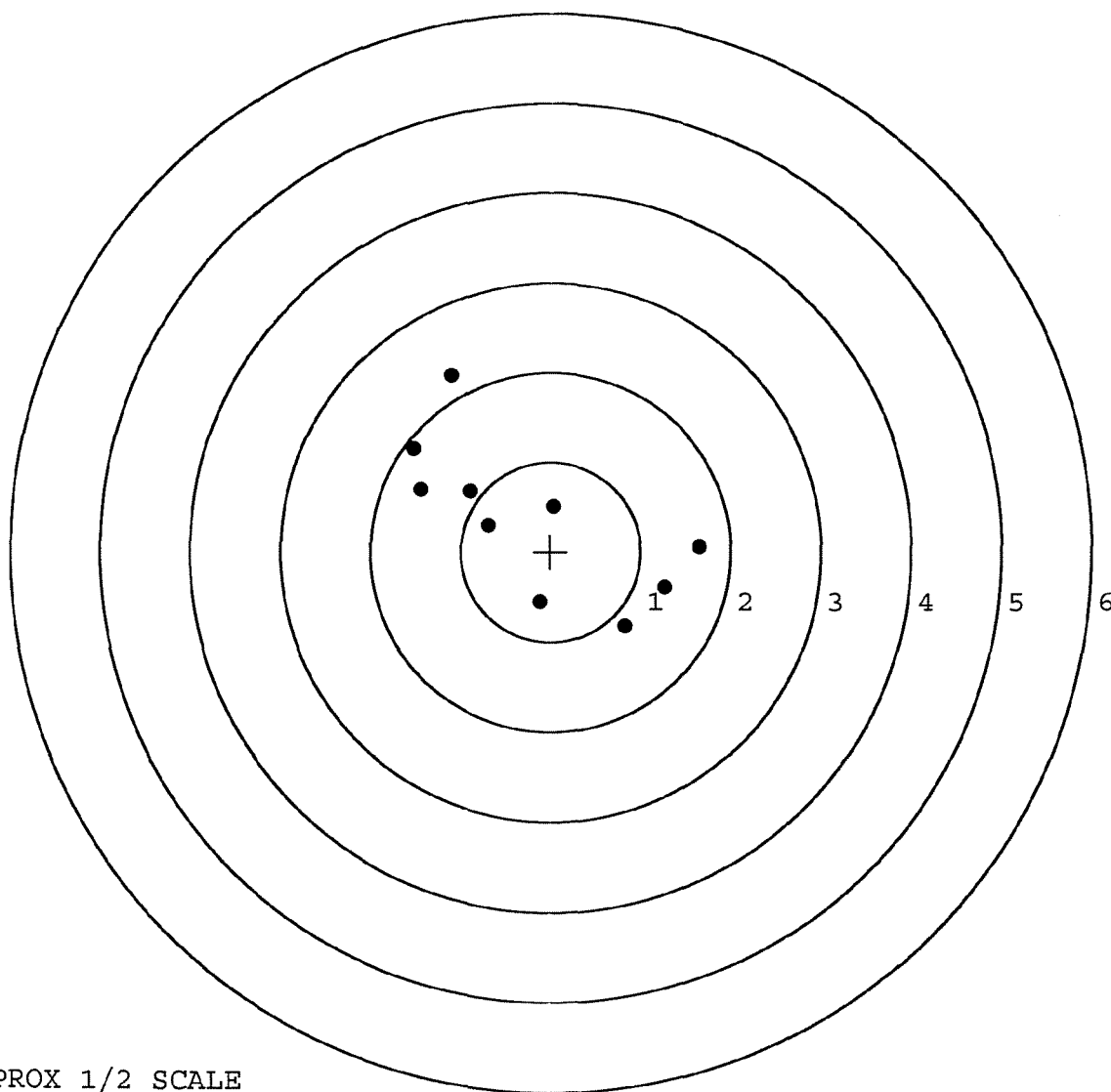
MAX RADIUS: 1.879

MEAN RADIUS: 1.225

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 5



TARGET APPROX 1/2 SCALE