

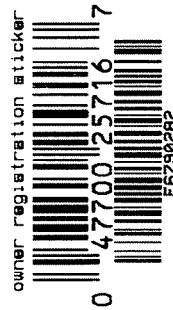
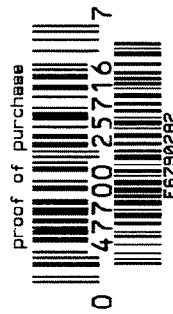
E6790282

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

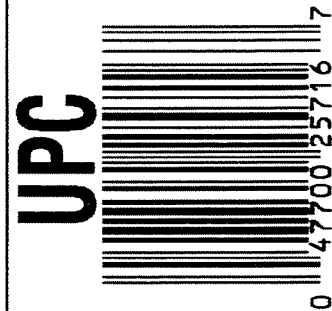


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6790282



CONTRACT #

GUN SERIAL # E679 0282

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		10/30/01	RL
600	PROOF		10-30-01	SK
607	CHECK HEADSPACE		10/30/01	RL
610	DIS-ASSEMBLE GUN		10/30/01	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		NOV 2 2001	AL
615	ROLLMARK CALIBER		11/2	BS
617	DRILL AND TAP SIGHT HOLES		11/6	ic
620	APPLY COATINGS (BARREL ACTION)		11-7	TH
	(BOLT)			
625	FINAL ASSEMBLY		11-30	DL
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-30	DL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-30	DL
	D) OIL FIRING PIN ASSEMBLY		11/30/01	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	12/12/01	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>5.0</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>.022</u> <u>.023</u> <u>.022</u>	12/3/01	REP
	J) ASSEMBLE STOCK		11-30-01	RW
	K) ASSEMBLE SWIVEL STUDS		12/12/01	REP
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/12/01	REP
	M) IRON SIGHT ALIGNMENT		12/12/01	REP
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/12/01	REP
640	GALLERY TEST AND TARGET	PASS FAIL	12-1-01	RW
	A) MALFUNCTIONS	PASS FAIL	12-1-01	RW
	B) PIERCED PRIMERS	PASS FAIL	12-1-01	RW
645	INSPECT FOR LIVE AMMO		12-1-01	RW
655	FINAL INSPECTION A) HEADSPACE		12/12/01	REP
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>235</u> <u>237</u> <u>237</u> <u>240</u> <u>242</u>	12/3/01	REP
	C) FUNCTION		12/12/01	REP
660	PACK		12/12/01	RA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6790282

DATE 11/30/01

TESTER D. J.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.39	2.25	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.31	2.57	
PULL #3	2.68	2.36	2.49	
PULL #4	2.59	2.43	2.62	
PULL #5	2.60	2.14	2.59	
TOTAL	12.66	11.49	12.64	
AVG.	2.53	2.30	2.53	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.33		
PULL #2	3.31	3.52		
PULL #3	3.42	3.33		
PULL #4	3.31	3.71		
PULL #5	3.31	2.95		
TOTAL	16.69	16.84		
AVG.	3.34	3.37		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.27		4.23
PULL #2	4.41	4.33		4.25
PULL #3	4.19	4.21		4.23
PULL #4	4.25	4.50		3.99
PULL #5	4.57	4.52		4.11
TOTAL	21.70	21.83		20.81
AVG.	4.34	4.37		4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6790282.___0
FILE DATE AND TIME: 12/01/2001 08:16

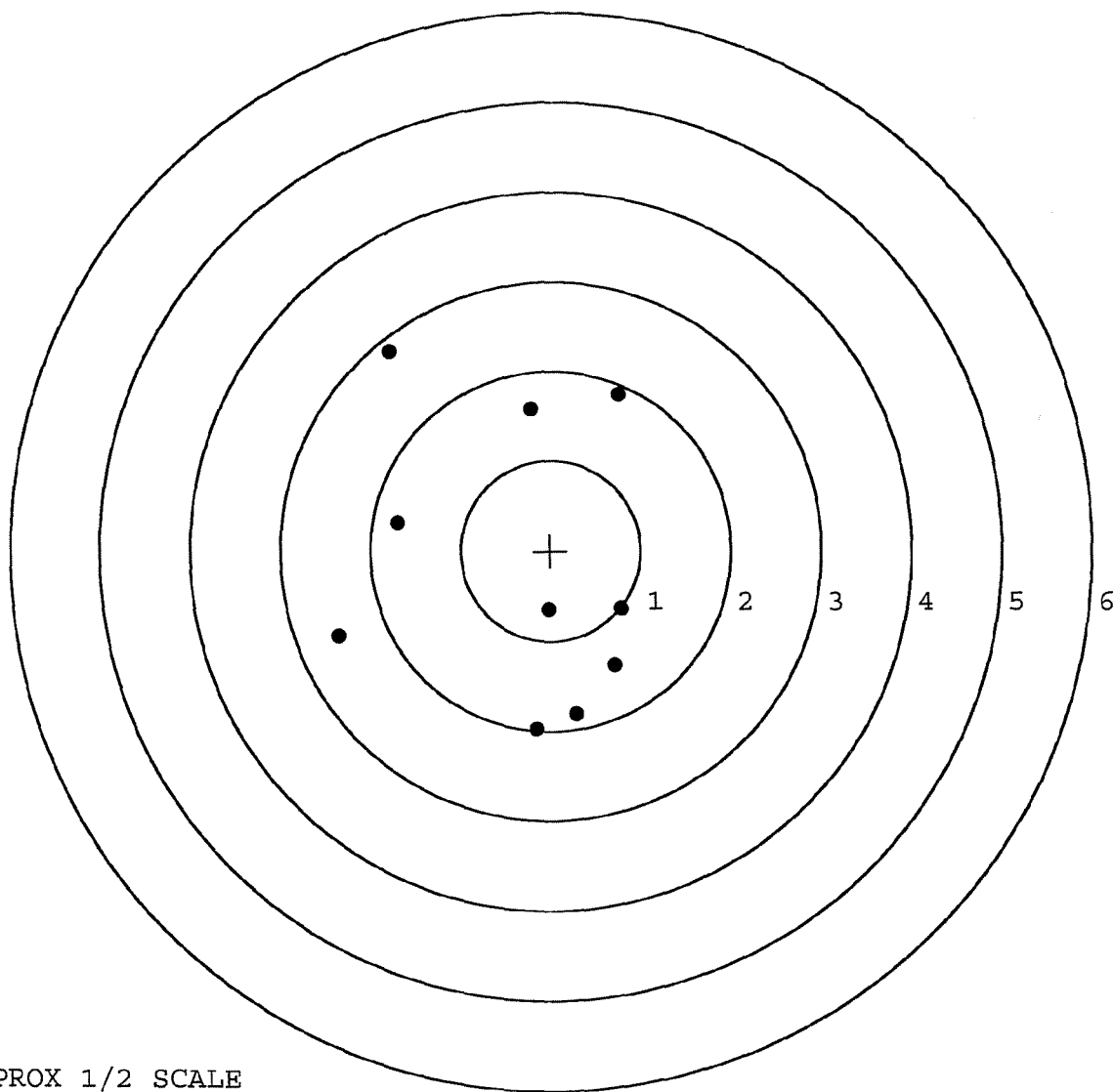
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.056
The Average Y Centroid of the Five Target Set:	0.141
The Average Point of Impact of the Five Target Set:	0.152
The Average Mean Radius of the Five Target Set:	1.210
The Distance from POA to Centroid Target #1:	0.400
The Distance from Centroid Target #2 to Centroid Target #1:	0.460
The Distance from Centroid Target #3 to Centroid Target #1:	0.655
The Distance from Centroid Target #4 to Centroid Target #1:	0.367
The Distance from Centroid Target #5 to Centroid Target #1:	0.693

SERIAL NUMBER: E6790282. __0
TARGET NUMBER: 1
FILE DATE: 12/01/2001
FILE TIME: 08:16

X CENTROID: -0.371
Y CENTROID: -0.150
POA TO CENTROID: 0.400
HORZ SPREAD: 3.137
VERT SPREAD: 4.204
GROUP SPREAD: 4.549
MIN RADIUS: 0.613
MAX RADIUS: 2.766
MEAN RADIUS: 1.732
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 1
in 3 IN DIAMETER: 3

POINT#	X	Y
1:	0.750	1.737
2:	-0.230	1.569
3:	-1.802	2.217
4:	-1.705	0.306
5:	-2.350	-0.960
6:	-0.025	-0.656
7:	0.787	-0.641
8:	0.724	-1.267
9:	0.294	-1.820
10:	-0.151	-1.987

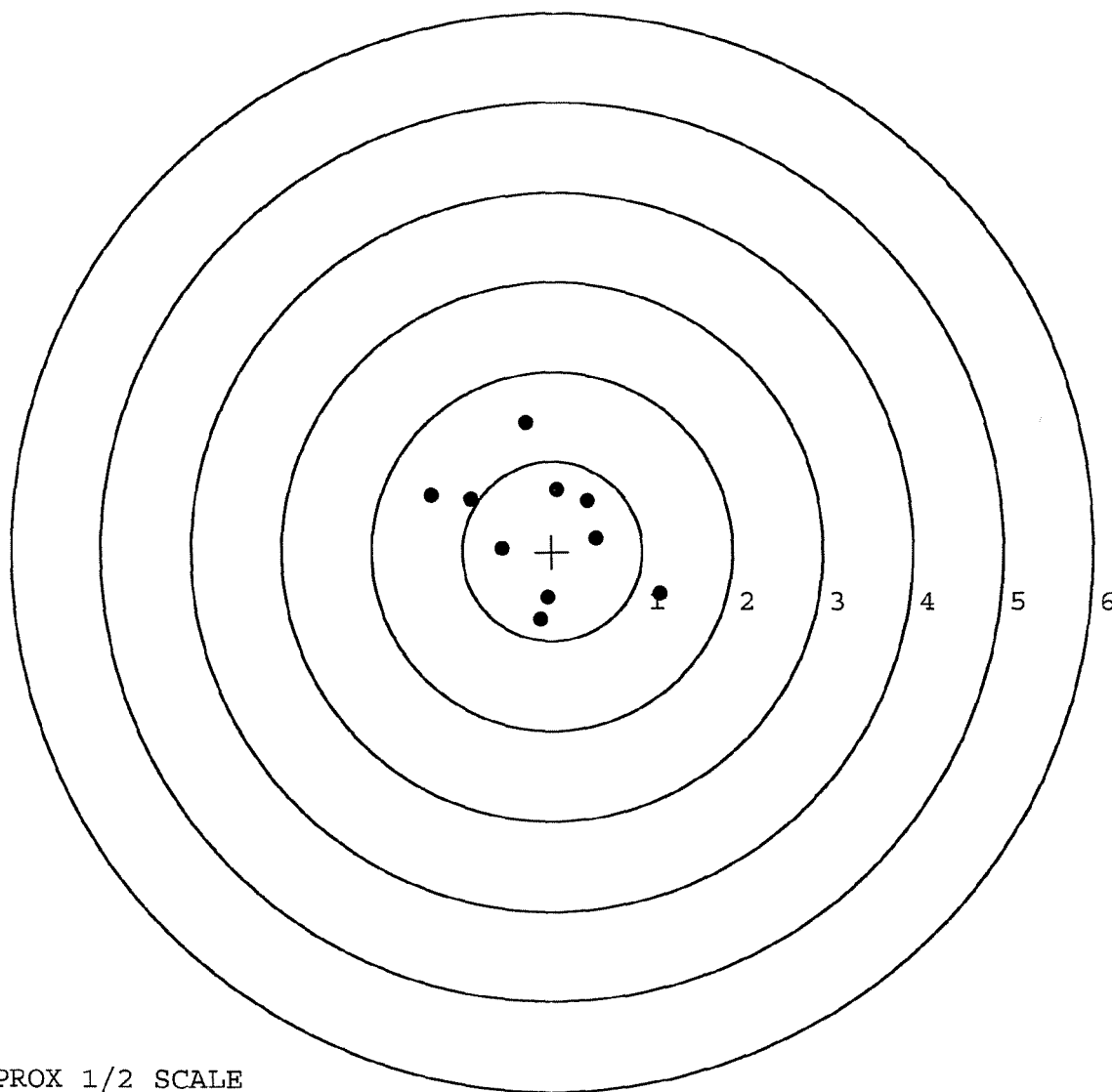


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790282. 0
TARGET NUMBER: 2
FILE DATE: 12/01/2001
FILE TIME: 08:16

X CENTROID: -0.114
Y CENTROID: 0.231
POA TO CENTROID: 0.258
HORZ SPREAD: 2.538
VERT SPREAD: 2.201
GROUP SPREAD: 2.766
MIN RADIUS: 0.484
MAX RADIUS: 1.489
MEAN RADIUS: 0.882
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.196	-0.477
2:	-0.121	-0.768
3:	-0.051	-0.518
4:	-0.559	0.032
5:	-0.907	0.581
6:	-1.342	0.623
7:	-0.305	1.433
8:	0.048	0.687
9:	0.400	0.569
10:	0.499	0.153

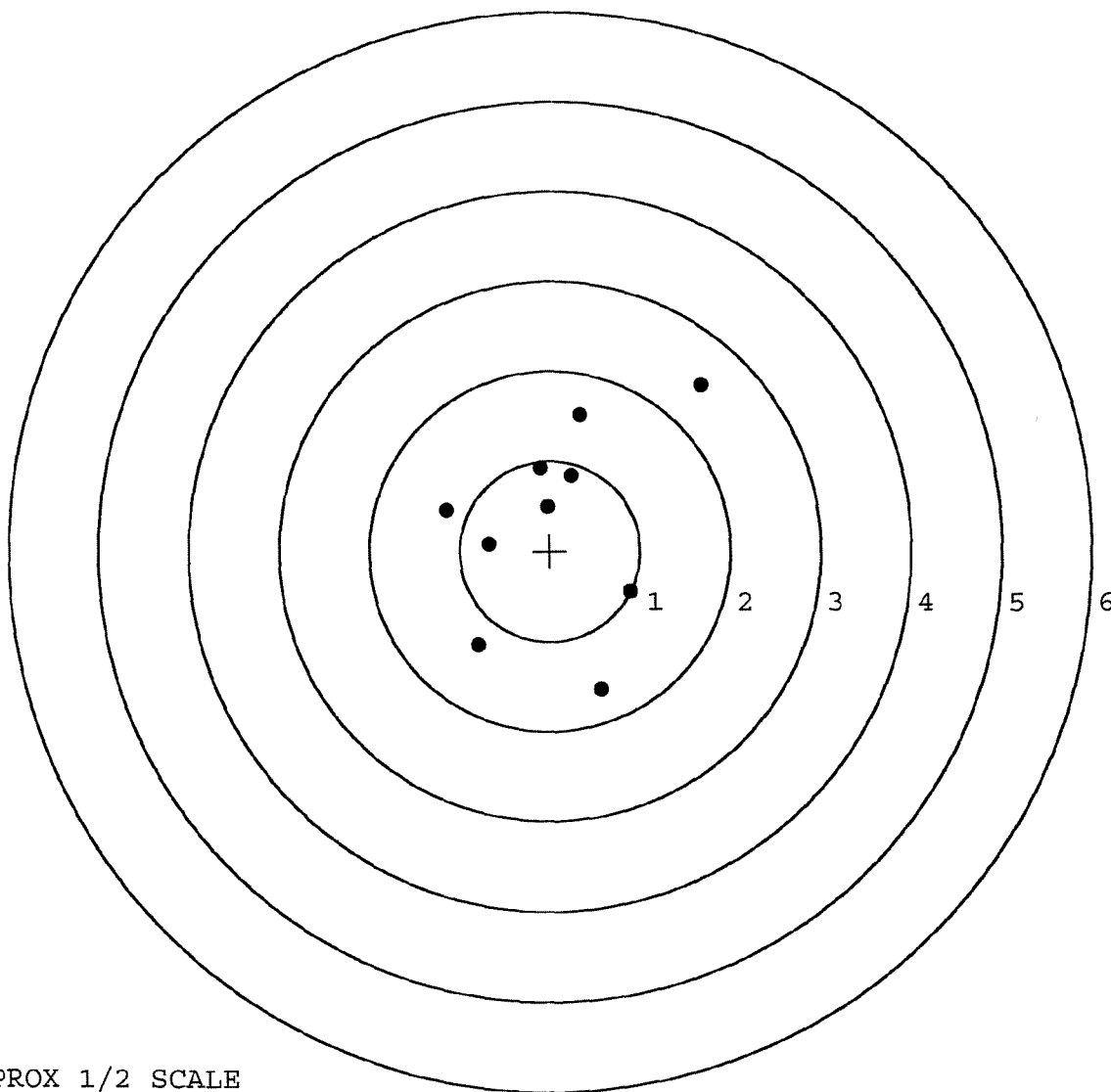


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790282. __ 0
TARGET NUMBER: 3
FILE DATE: 12/01/2001
FILE TIME: 08:16

POINT#	X	Y
1:	1.662	1.850
2:	0.333	1.507
3:	-0.107	0.916
4:	0.238	0.838
5:	-0.028	0.493
6:	-0.679	0.077
7:	-1.152	0.450
8:	-0.789	-1.047
9:	0.894	-0.446
10:	0.586	-1.537

X CENTROID: 0.096
Y CENTROID: 0.310
POA TO CENTROID: 0.325
HORZ SPREAD: 2.814
VERT SPREAD: 3.387
GROUP SPREAD: 3.795
MIN RADIUS: 0.221
MAX RADIUS: 2.196
MEAN RADIUS: 1.152
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

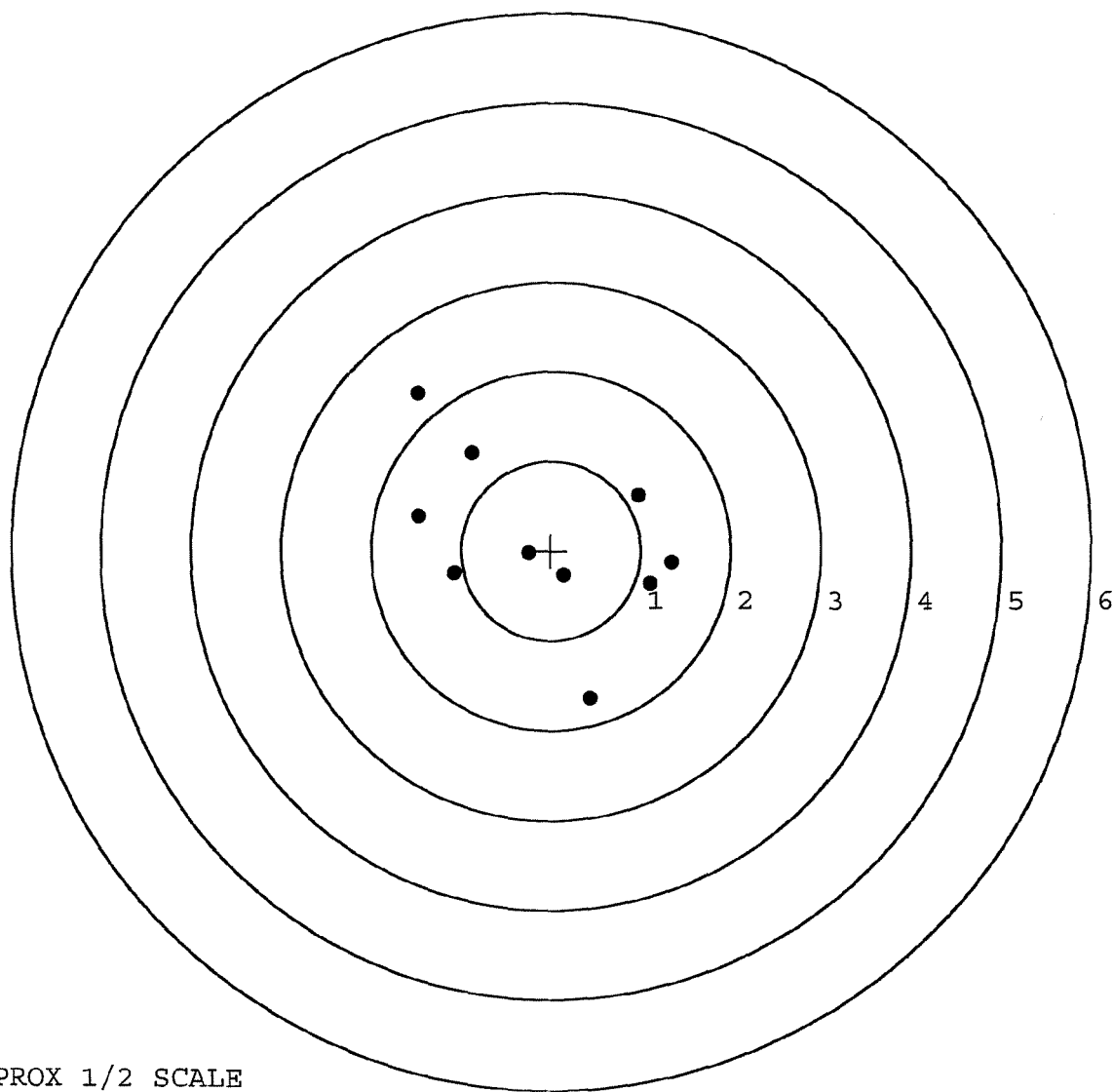


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790282. __0
TARGET NUMBER: 4
FILE DATE: 12/01/2001
FILE TIME: 08:16

X CENTROID: -0.116
Y CENTROID: 0.114
POA TO CENTROID: 0.162
HORZ SPREAD: 2.834
VERT SPREAD: 3.398
GROUP SPREAD: 3.911
MIN RADIUS: 0.198
MAX RADIUS: 2.138
MEAN RADIUS: 1.232
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.488	1.753
2:	-0.890	1.092
3:	-1.474	0.382
4:	-1.078	-0.260
5:	-0.250	-0.032
6:	0.140	-0.279
7:	0.973	0.626
8:	1.346	-0.133
9:	1.112	-0.368
10:	0.448	-1.645

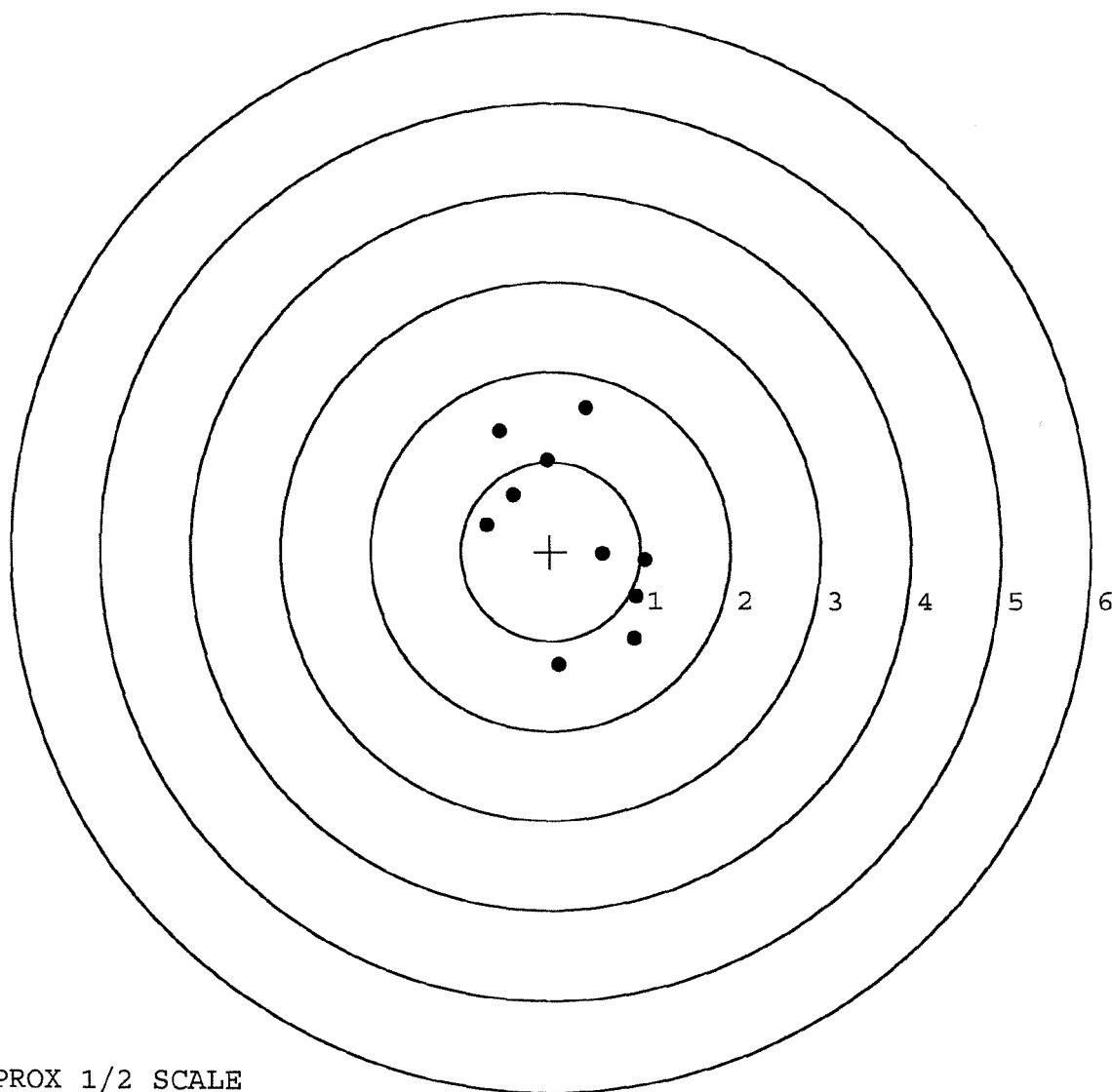


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6790282. __0
TARGET NUMBER: 5
FILE DATE: 12/01/2001
FILE TIME: 08:16

X CENTROID: 0.226
Y CENTROID: 0.202
POA TO CENTROID: 0.303
HORZ SPREAD: 1.764
VERT SPREAD: 2.866
GROUP SPREAD: 2.880
MIN RADIUS: 0.421
MAX RADIUS: 1.475
MEAN RADIUS: 1.054
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.388	1.598
2:	-0.042	1.015
3:	-0.421	0.640
4:	-0.716	0.296
5:	-0.574	1.339
6:	0.581	-0.025
7:	1.048	-0.095
8:	0.956	-0.503
9:	0.937	-0.977
10:	0.103	-1.268



TARGET APPROX 1/2 SCALE