

G 6410272

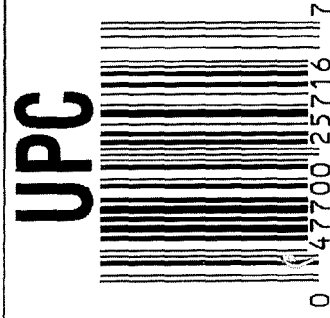
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6
G6410272	



ORDER 25716

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

UPC



ORDER 25716

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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6410272

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		1-24-05	RTL
600	PROOF		1-25-05	AC
607	CHECK HEADSPACE	MAGNA-FLUX	1-25-05	AC
610	DIS-ASSEMBLE GUN	INSPECTED	1-26-05	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	JAN 28 2005 OPERATOR		
615	ROLLMARK CALIBER		1-27-05	CW
617	DRILL AND TAP SIGHT HOLES		1-26-05	TRLW
620	APPLY COATINGS (BARREL ACTION)		1/31/05	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-16-05	RTL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-16-05	RTL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-16-05	RTL
	D) OIL FIRING PIN ASSEMBLY		3-16-05	RTL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS	3-30-05	TRLW

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7 lbs</u> <u>7 lbs</u> <u>7 lbs</u>	3-30-05	AC
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4 lbs</u> <u>4 lbs</u> <u>4 lbs</u>	3-30-05	AC
	H) TRIGGER PULL TEST AND RETAINABILITY		X	X
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.026</u> <u>.026</u>	3-30-05	AC
	J) ASSEMBLE STOCK		3-29-05	RTZ
	K) ASSEMBLE SWIVEL STUDS		3-30-05	AC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		X	X
	M) IRON SIGHT ALIGNMENT		X	X
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		X	X
640	GALLERY TEST AND TARGET	<u>PASS</u> FAIL	3-30-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
645	INSPECT FOR LIVE AMMO		3-30-05	AC
655	FINAL INSPECTION A) HEADSPACE		3-30-05	AC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.52</u> <u>2.52</u> <u>2.40</u> <u>2.56</u> <u>2.60</u>	3-30-05	TRW
	C) FUNCTION		3-30-05	AC
660	PACK		3-30-05	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410272.___1
FILE DATE AND TIME: 09/12/2005 11:16

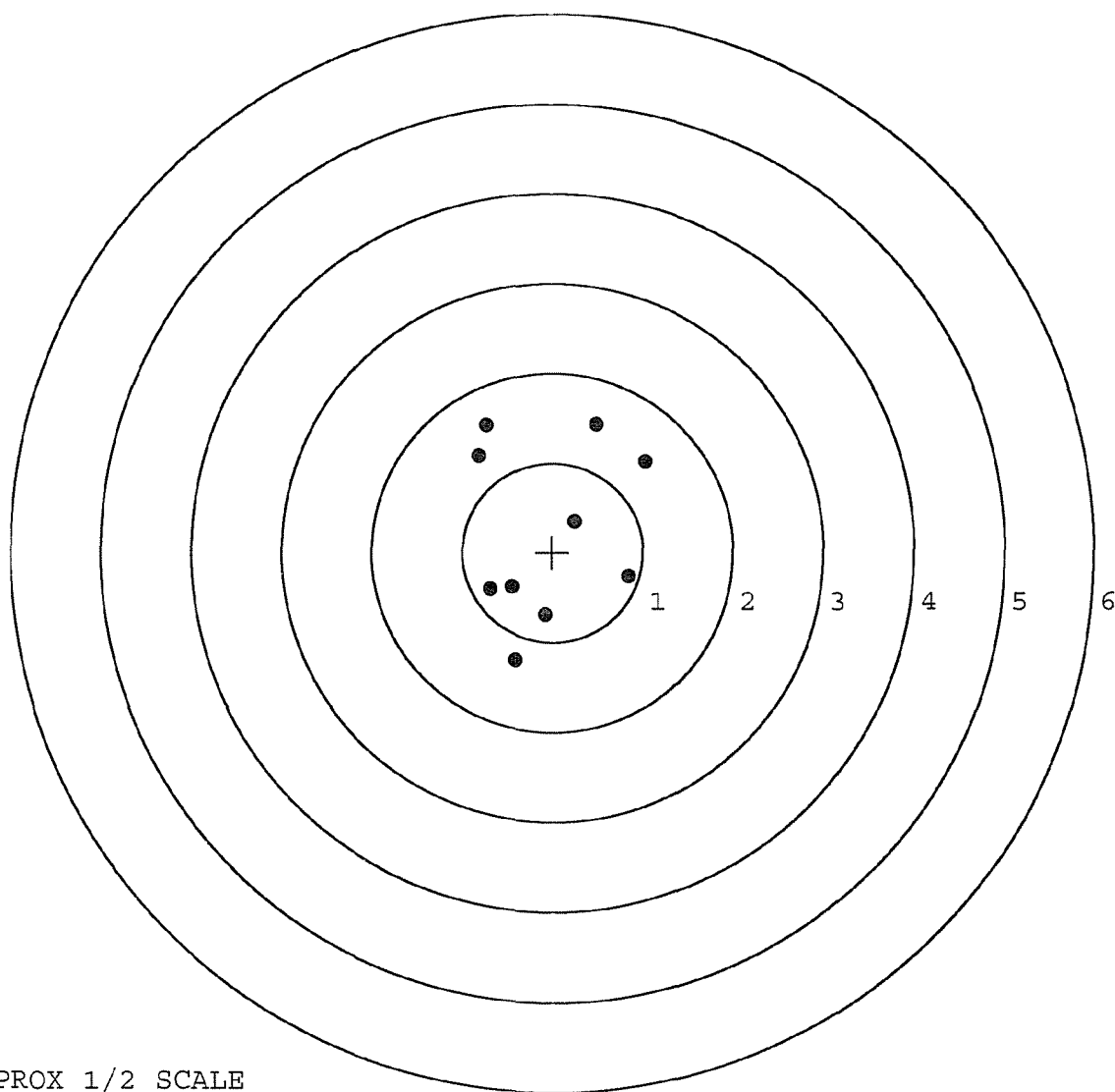
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.142
The Average Y Centroid of the Five Target Set:	0.162
The Average Point of Impact of the Five Target Set:	0.216
The Average Mean Radius of the Five Target Set:	1.047
The Distance from POA to Centroid Target #1:	0.234
The Distance from Centroid Target #2 to Centroid Target #1:	0.291
The Distance from Centroid Target #3 to Centroid Target #1:	0.363
The Distance from Centroid Target #4 to Centroid Target #1:	0.104
The Distance from Centroid Target #5 to Centroid Target #1:	0.294

SERIAL NUMBER: G6410272. __1
 TARGET NUMBER: 1
 FILE DATE: 09/12/2005
 FILE TIME: 11:16

POINT#	X	Y
1:	1.028	1.015
2:	0.488	1.430
3:	0.243	0.344
4:	-0.084	-0.702
5:	-0.414	-1.212
6:	-0.449	-0.400
7:	-0.689	-0.424
8:	-0.817	1.078
9:	-0.731	1.414
10:	0.843	-0.274

X CENTROID: -0.058
 Y CENTROID: 0.227
 POA TO CENTROID: 0.234
 HORZ SPREAD: 1.845
 VERT SPREAD: 2.642
 GROUP SPREAD: 2.792
 MIN RADIUS: 0.323
 MAX RADIUS: 1.482
 MEAN RADIUS: 1.058
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 10

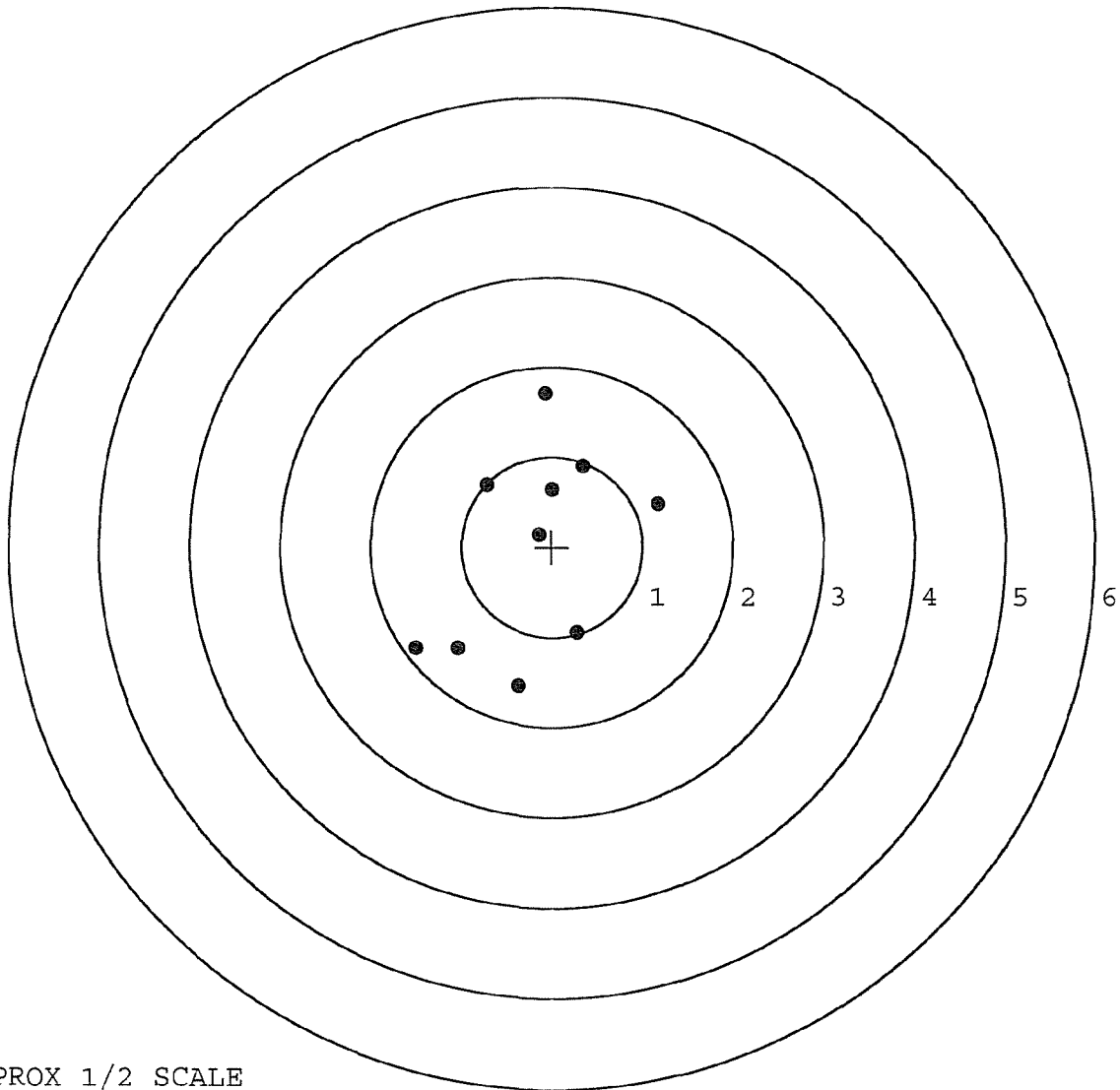


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410272. __1
 TARGET NUMBER: 2
 FILE DATE: 09/12/2005
 FILE TIME: 11:16

POINT#	X	Y
1:	0.278	-0.950
2:	-0.152	0.137
3:	-0.002	0.635
4:	0.346	0.897
5:	-0.715	0.685
6:	-1.045	-1.130
7:	-1.506	-1.130
8:	1.172	0.475
9:	-0.072	1.700
10:	-0.375	-1.549

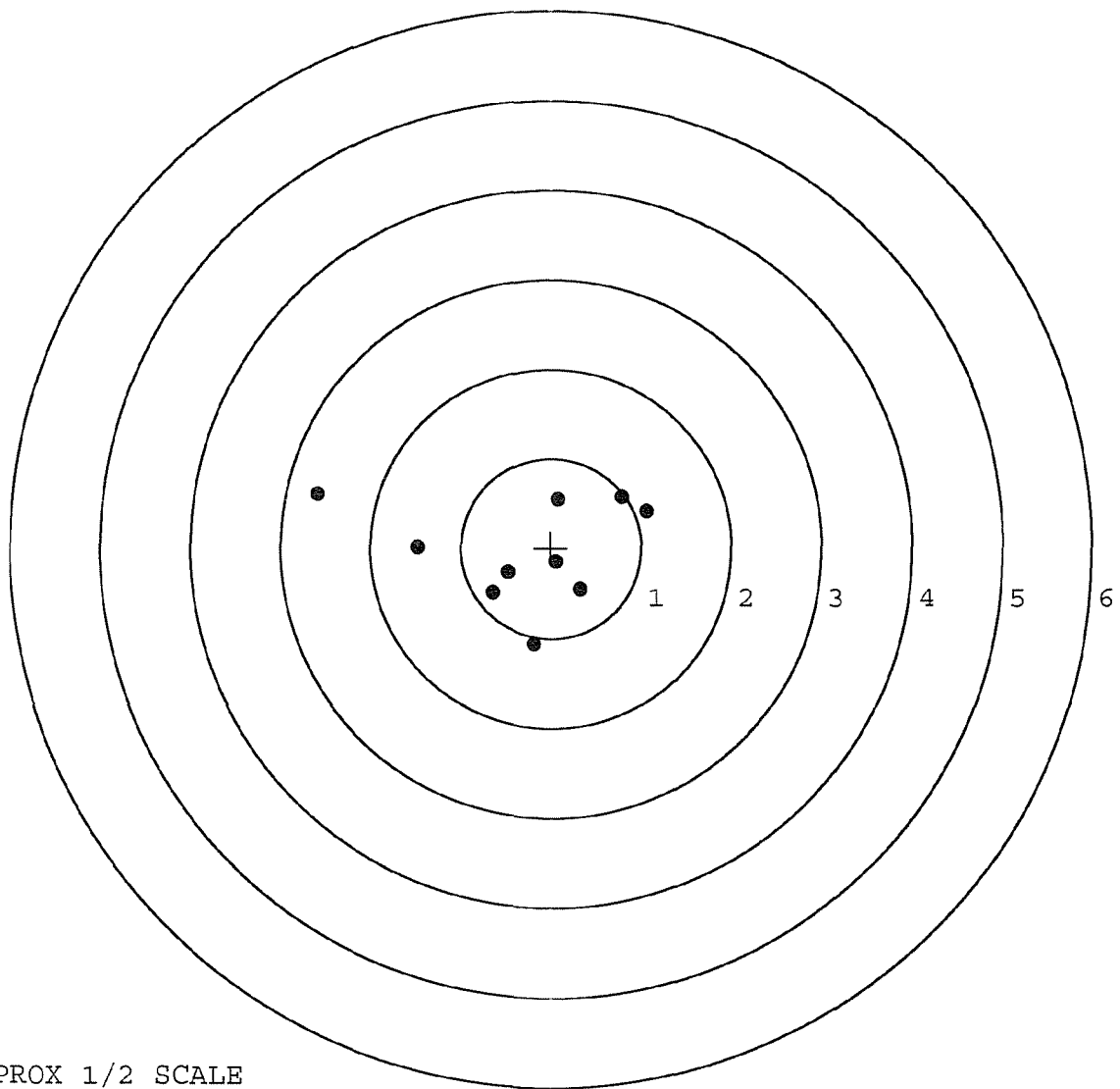
X CENTROID: -0.207
 Y CENTROID: -0.023
 POA TO CENTROID: 0.208
 HORZ SPREAD: 2.678
 VERT SPREAD: 3.249
 GROUP SPREAD: 3.263
 MIN RADIUS: 0.169
 MAX RADIUS: 1.728
 MEAN RADIUS: 1.167
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0149537

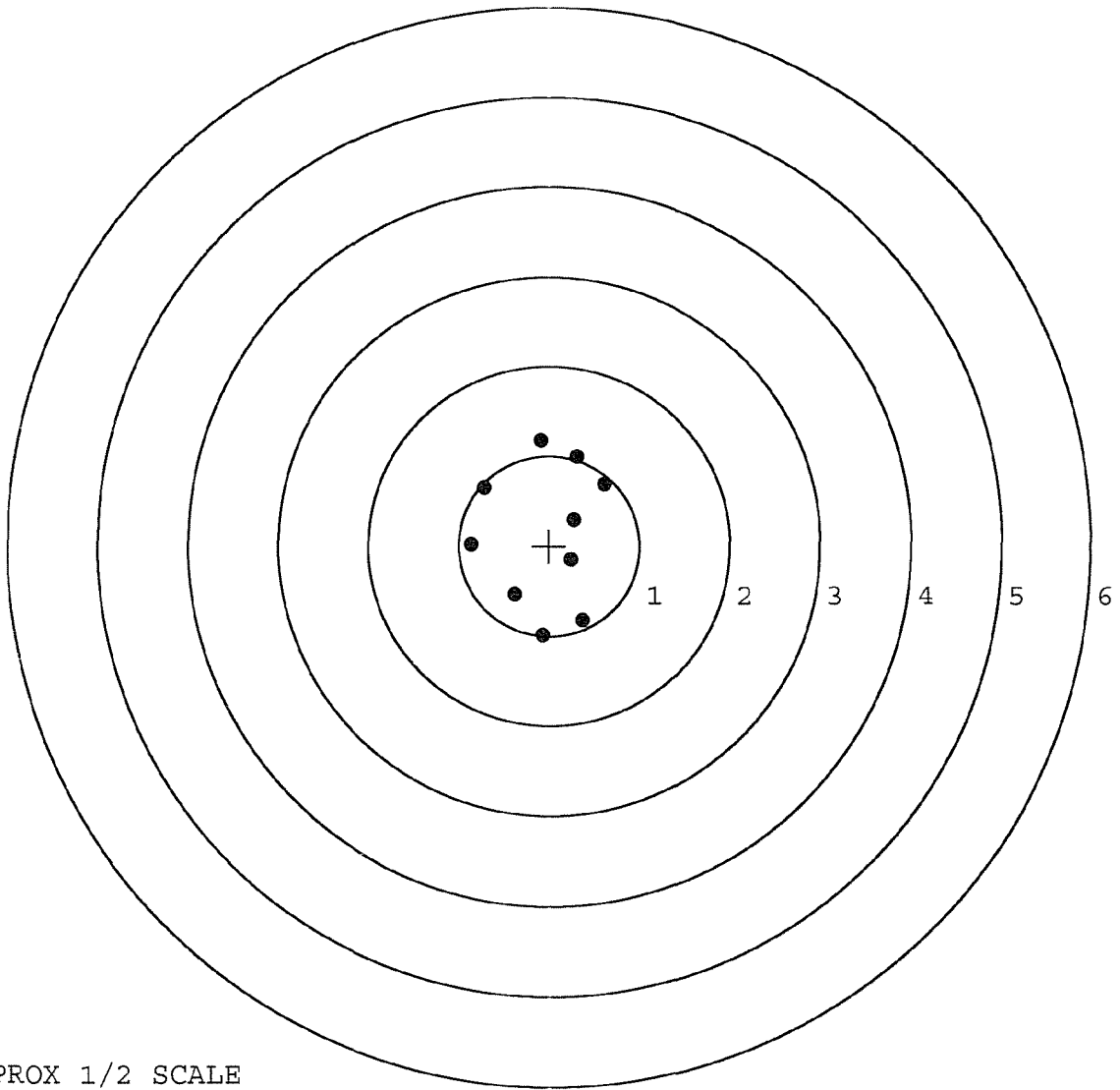
SERIAL NUMBER: G6410272. __1	POINT#	X	Y
TARGET NUMBER: 3	1:	1.054	0.413
FILE DATE: 09/12/2005	2:	0.783	0.568
FILE TIME: 11:16	3:	0.076	0.543
	4:	0.323	-0.465
X CENTROID: -0.309	5:	0.059	-0.157
Y CENTROID: -0.035	6:	-0.200	-1.070
POA TO CENTROID: 0.311	7:	-0.644	-0.505
HORZ SPREAD: 3.644	8:	-0.475	-0.277
VERT SPREAD: 1.663	9:	-1.475	0.005
GROUP SPREAD: 3.648	10:	-2.590	0.593
MIN RADIUS: 0.293			
MAX RADIUS: 2.366			
MEAN RADIUS: 0.997			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0149538

SERIAL NUMBER: G6410272. __1	POINT#	X	Y
TARGET NUMBER: 4	1:	0.369	-0.832
FILE DATE: 09/12/2005	2:	-0.074	-0.995
FILE TIME: 11:16	3:	-0.386	-0.543
	4:	0.240	-0.155
X CENTROID: -0.033	5:	0.272	0.288
Y CENTROID: 0.126	6:	0.616	0.682
POA TO CENTROID: 0.130	7:	0.311	0.992
HORZ SPREAD: 1.478	8:	-0.096	1.167
VERT SPREAD: 2.162	9:	-0.862	0.016
GROUP SPREAD: 2.162	10:	-0.718	0.641
MIN RADIUS: 0.345			
MAX RADIUS: 1.122			
MEAN RADIUS: 0.818			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			

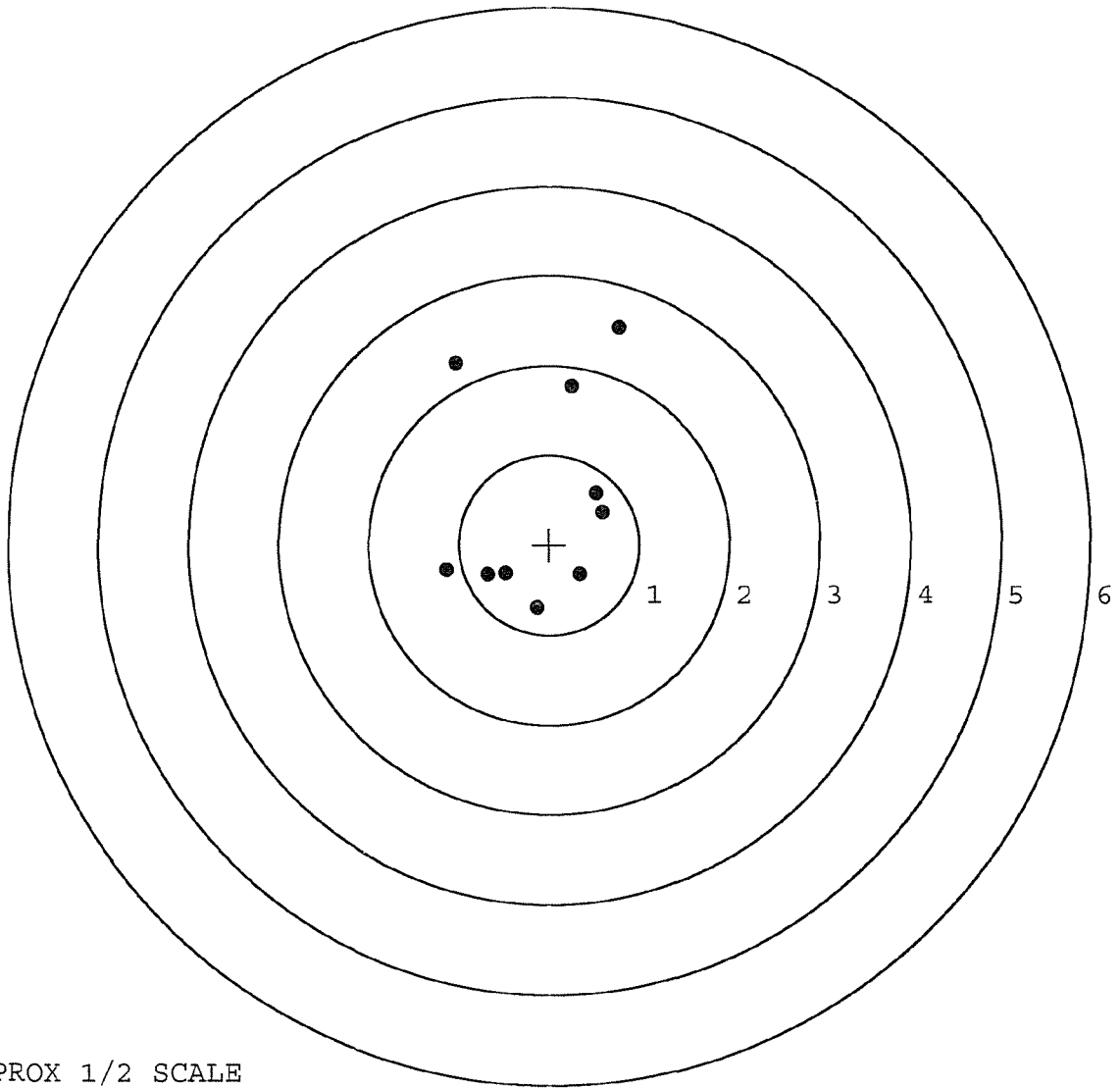


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410272. __1
 TARGET NUMBER: 5
 FILE DATE: 09/12/2005
 FILE TIME: 11:16

POINT#	X	Y
1:	0.776	2.425
2:	0.247	1.772
3:	-1.036	2.022
4:	0.517	0.574
5:	0.586	0.363
6:	0.335	-0.330
7:	-0.136	-0.703
8:	-0.486	-0.326
9:	-0.684	-0.334
10:	-1.135	-0.290

X CENTROID: -0.102
 Y CENTROID: 0.517
 POA TO CENTROID: 0.527
 HORZ SPREAD: 1.911
 VERT SPREAD: 3.128
 GROUP SPREAD: 3.320
 MIN RADIUS: 0.621
 MAX RADIUS: 2.100
 MEAN RADIUS: 1.194
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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)

SERIAL NO.

G6410272

DATE

3-14-05

TESTER

TRLJ

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.19	2.44		2.53	
PULL #2	2.15	2.34		2.53	
PULL #3	2.09	2.45		2.52	
PULL #4	2.16	2.43		2.53	
PULL #5	2.45	2.47		2.49	
TOTAL	11.04	12.13		12.60	
AVERAGE	2.20	2.42		2.52	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.49		
PULL #2	3.45	3.50		
PULL #3	3.56	3.44		
PULL #4	3.50	3.51		
PULL #5	3.53	3.57		
TOTAL	17.53	17.51		
AVERAGE	3.50	3.50		

	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	4.27	4.32		4.46
PULL #2	4.27	4.42		4.15
PULL #3	4.30	4.41		4.24
PULL #4	4.21	4.40		4.23
PULL #5	4.31	4.38		4.27
TOTAL	21.36	21.93		21.35
AVERAGE	4.27	4.38		4.27