

G6777030

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

- INSTRUCTION BOOK 3518

BM FORM

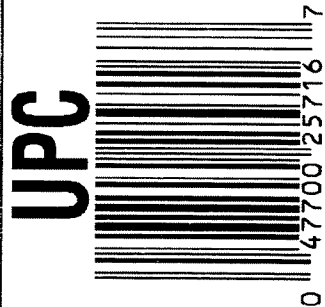


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6677030



ORDER 25716

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

UPC



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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6677030

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8/11/07	S.P.D.
420	ASSEMBLE ACTION		8-10-07	SD
430	ASSEMBLE TO STOCK		8/10/07	Wm
440	PROOF	MAGNA FLUX	8/10/07	Wm
460	CHECK HEADSPACE	0.00 ± 0.007	8/10/07	Wm
470	DIS-ASSEMBLE ACTION	OPERATOR <u>SMS</u>	8-10-07	SD
480	MAGNAFLUX BBL ACTION		8/13/07	SMS
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-13-07	C.N.J.
510	DRILL AND TAP SIGHT HOLES		8-13-07	TRW
520	GOFF BLAST BBL / REC		8/13/07	(LS)
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/17/07	RB
560	RE-ASSEMBLE ACTION		8-21-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-21-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-21-07	SD
	D) OIL FIRING PIN ASSEMBLY		8/22/07	S.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8/25/07	Wm

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.25</u> <u>6.0</u> <u>6.25</u>	8/25/07	non
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.75</u> <u>4.25</u> <u>4.25</u>	8/25/07	non
	H) TRIGGER PULL TEST AND RETAINABILITY		8/25/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.024</u> <u>.024</u>	8/25/07	non
	J) ASSEMBLE STOCK		8/22/07	L.P.D.
	K) ASSEMBLE SWIVEL STUDS		8/25/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-28-07	RTZ
	M) IRON SIGHT ALIGNMENT		8-28-07	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-28-07	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-23-07	TRW
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-23-07	Fm
670	FINAL INSPECTION A) HEADSPACE		8/25/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.54</u> <u>2.40</u> <u>2.53</u> <u>2.52</u> <u>2.69</u>	8/25/07	non
	C) FUNCTION		8/25/07	non
690	PACK		8/29/07	PA

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 7-10-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.25	2.57		2.79	
PULL #2	2.31	2.77		2.75	
PULL #3	2.41	2.68		2.71	
PULL #4	2.53	2.69		2.79	
PULL #5	2.45	2.73		2.77	
TOTAL	11.95	13.44		13.81	
AVERAGE	2.39	2.68		2.76	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.08		
PULL #2	3.32	3.41		
PULL #3	3.28	3.38		
PULL #4	3.21	3.35		
PULL #5	3.29	3.34		
TOTAL	16.39	16.56		
AVERAGE	3.27	3.31		

	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	4.31	4.11		4.43
PULL #2	4.32	4.23		4.47
PULL #3	4.30	4.24		4.50
PULL #4	4.36	4.28		4.54
PULL #5	4.28	4.24		4.54
TOTAL	21.57	21.10		22.48
AVERAGE	4.31	4.22		4.49

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6677030.___0

FILE DATE AND TIME: 08/23/2007 14:44

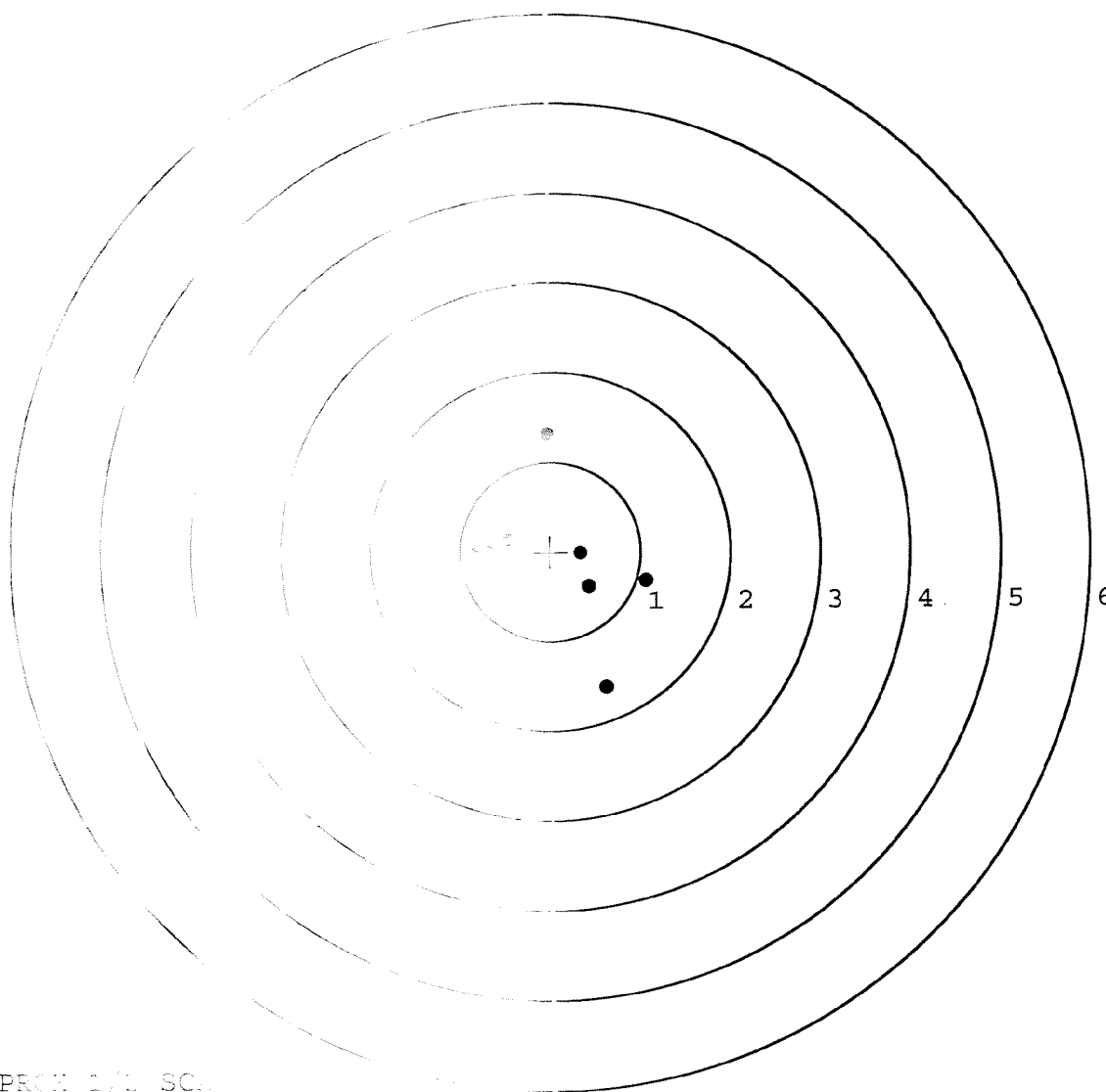
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.063
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.091
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POI to Centroid Target #1:	0.218
The Distance from Centroid Target #2 to Centroid Target #1:	0.148
The Distance from Centroid Target #3 to Centroid Target #1:	0.402
The Distance from Centroid Target #4 to Centroid Target #1:	0.174
The Distance from Centroid Target #5 to Centroid Target #1:	0.056

SERIAL NUMBER: G667702 0
 TARGET NUMBER: 1
 FILE DATE: 08/23/2007
 FILE TIME: 14:44

POINT#	X	Y
1	0.607	-1.526
2	1.058	-0.328
3	0.422	-0.390
4	0.329	-0.019
5	-0.455	0.139
6	-0.693	0.001
7	-0.819	0.194
8	-0.820	0.078
9	-0.928	1.308
10	-1.662	-0.175

X CENTROID: -0.106
 Y CENTROID: -0.72
 POA TO CENTROID: 118
 HORZ SPREAD: 1.720
 VERT SPREAD: 1.134
 GROUP SPREAD: 1.904
 MIN RADIUS: 0.20
 MAX RADIUS: 1.662
 MEAN RADIUS: 0.72
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 1
 # in 3 IN DIAMETER: 1

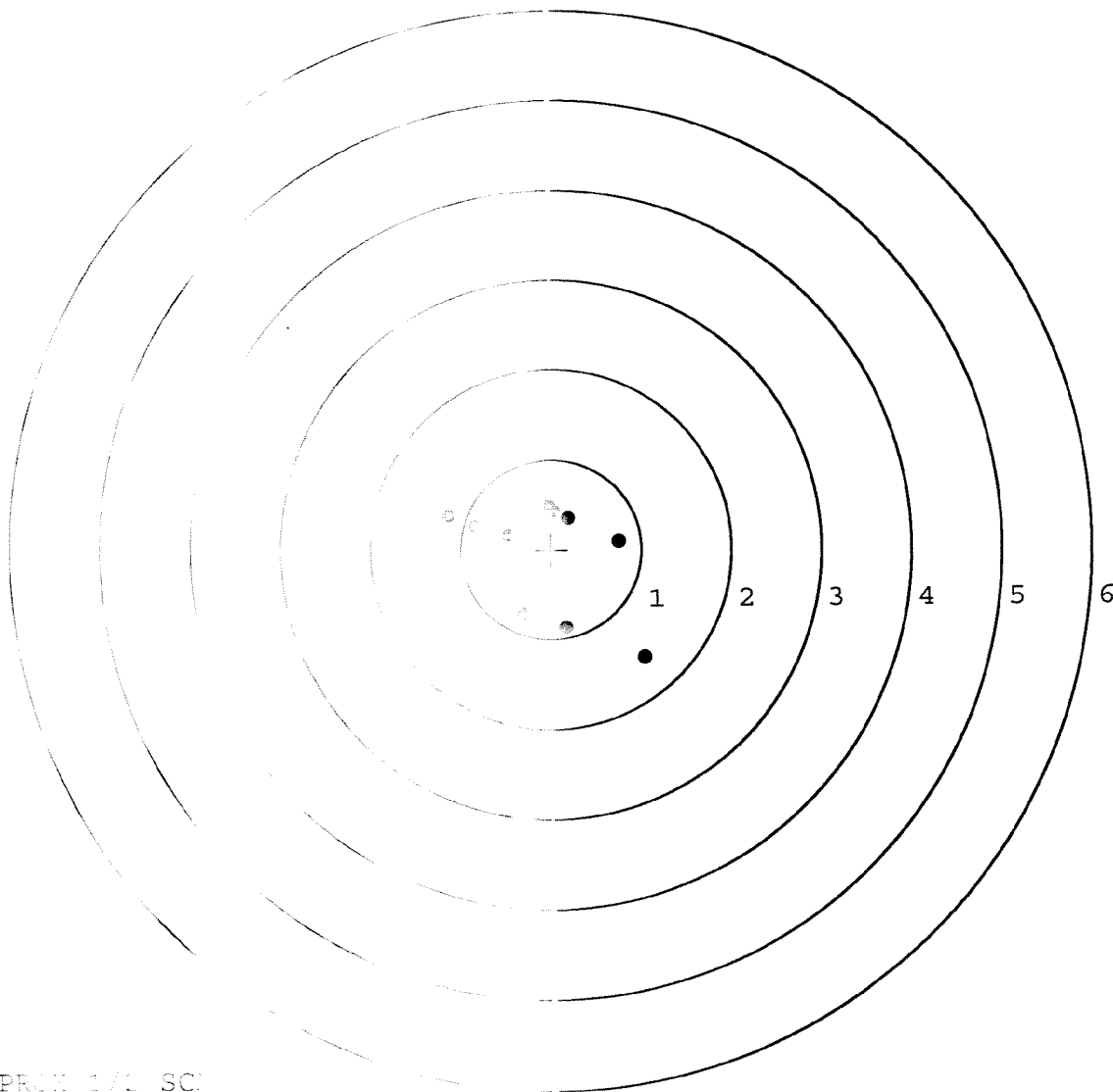


TARGET APPROX 1/4 SC.

SERIAL NUMBER: G667701
 TARGET NUMBER: 2
 FILE DATE: 08/23/2007
 FILE TIME: 14:44

POINT#	X	Y
1:	1.030	-1.208
2:	0.163	-0.874
3:	-0.296	-0.726
4:	0.750	0.091
5:	0.188	0.350
6:	-0.019	0.498
7:	-0.403	0.163
8:	-0.338	0.267
9:	-0.131	0.386
10:	0.585	0.431

X CENTROID: - 58
 Y CENTROID: - 62
 POA TO CENTROID: 85
 HORZ SPREAD: 61
 VERT SPREAD: 06
 GROUP SPREAD: 85
 MIN RADIUS: 22
 MAX RADIUS: 110
 MEAN RADIUS: 57
 # IN 1 IN DIAMETER:
 # IN 2 IN DIAMETER:
 # in 3 IN DIAMETER:



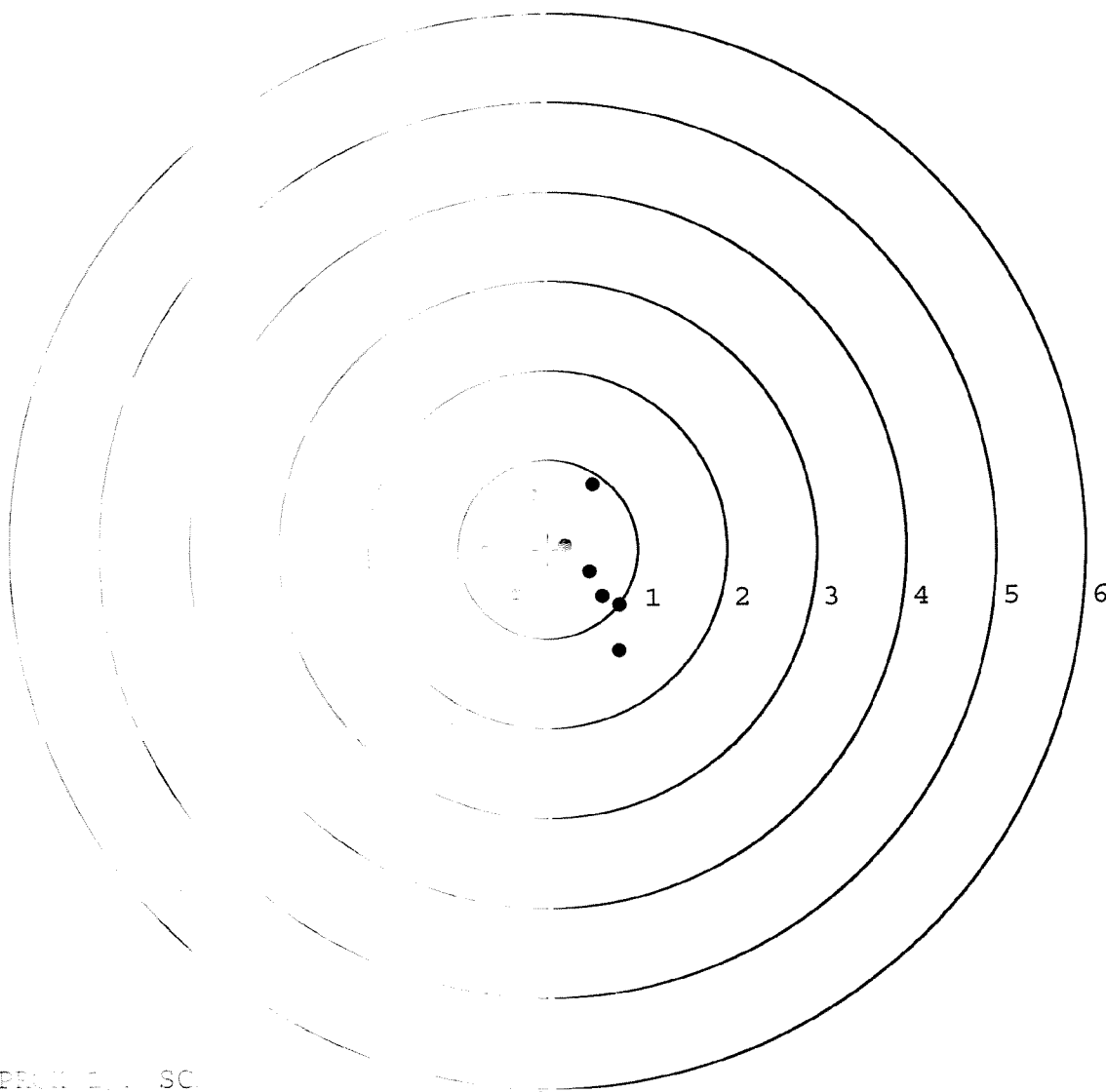
TARGET APPROX 1/1 SC

SERIAL NUMBER: G66770
 TARGET NUMBER: 3
 FILE DATE: 08/23/2007
 FILE TIME: 14:44

POINT#	X	Y
1	0.784	-1.141
2	0.502	0.723
3	-0.150	0.607
4	-0.701	-0.021
5	-0.325	-0.094
6	-0.752	-0.503
7	1.100	0.045
8	1.400	-0.259
9	0.704	-0.536
10	0.152	-0.634

X CENTROID: 0.00
 Y CENTROID: -0.31
 POA TO CENTROID: 86
 HORZ SPREAD: 93
 VERT SPREAD: 64
 GROUP SPREAD: 62
 MIN RADIUS: 1
 MAX RADIUS: 4
 MEAN RADIUS: 2

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 2
 # IN 3 IN DIAMETER: 3

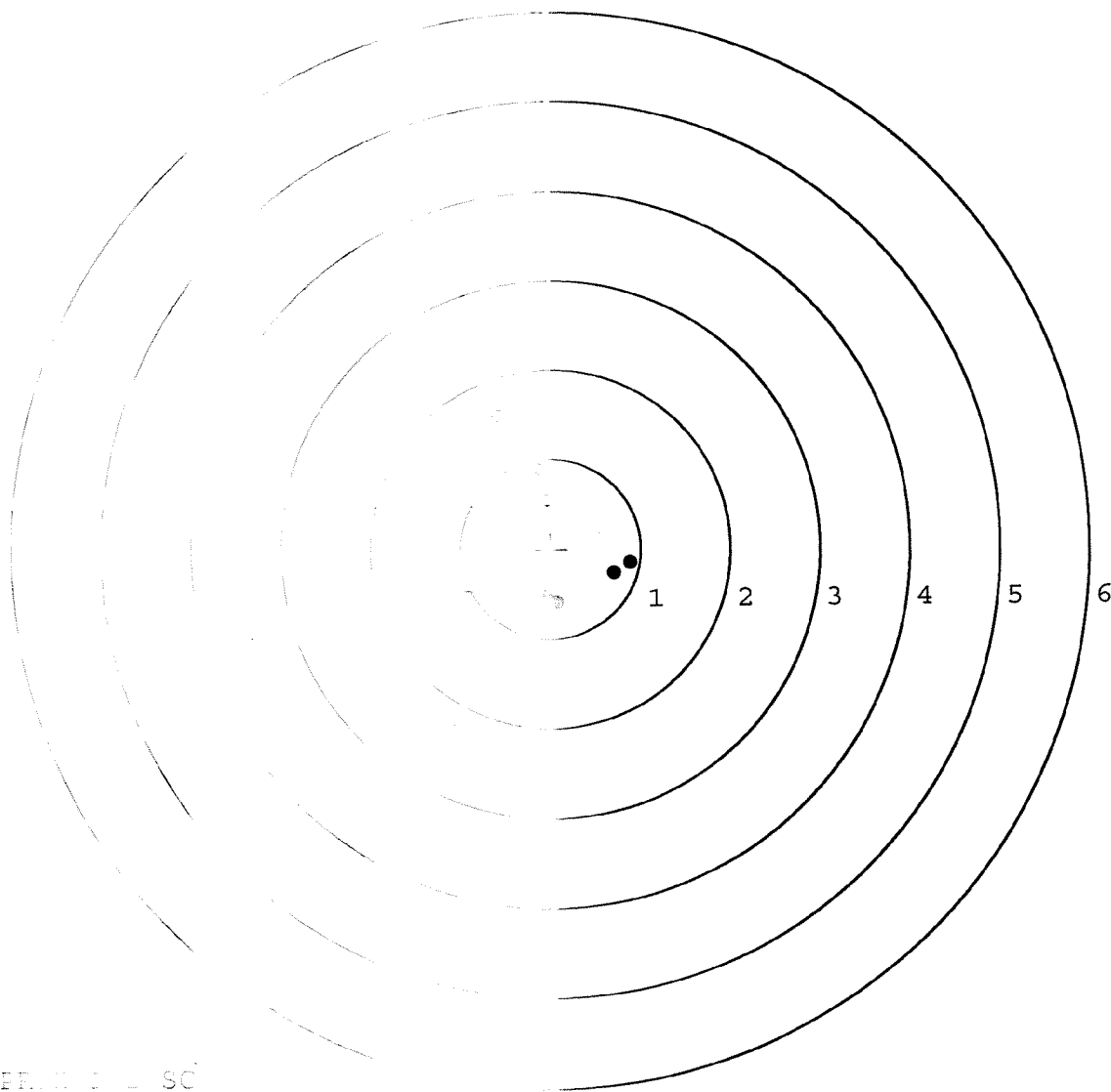


TARGET APPROX 1.1 SC

SERIAL NUMBER: G66770
 TARGET NUMBER: 4
 FILE DATE: 08/23/2007
 FILE TIME: 14:44

POINT#	X	Y
0	-0.139	0.887
1	-0.034	0.553
2	-0.573	1.487
3	0.382	-0.154
4	0.706	-0.268
5	0.770	-0.595
6	-1.177	-0.405
7	-1.13	-0.065
8	-1.13	-0.417
9	-1.12	-0.539

X CENTROID: -- 01
 Y CENTROID: 18
 POA TO CENTROID: 24
 HORZ SPREAD: 25
 VERT SPREAD: 26
 GROUP SPREAD: 28
 MIN RADIUS: 30
 MAX RADIUS: 31
 MEAN RADIUS: 32
 # IN 1 IN DIAMETER:
 # IN 2 IN DIAMETER:
 # in 3 IN DIAMETER:

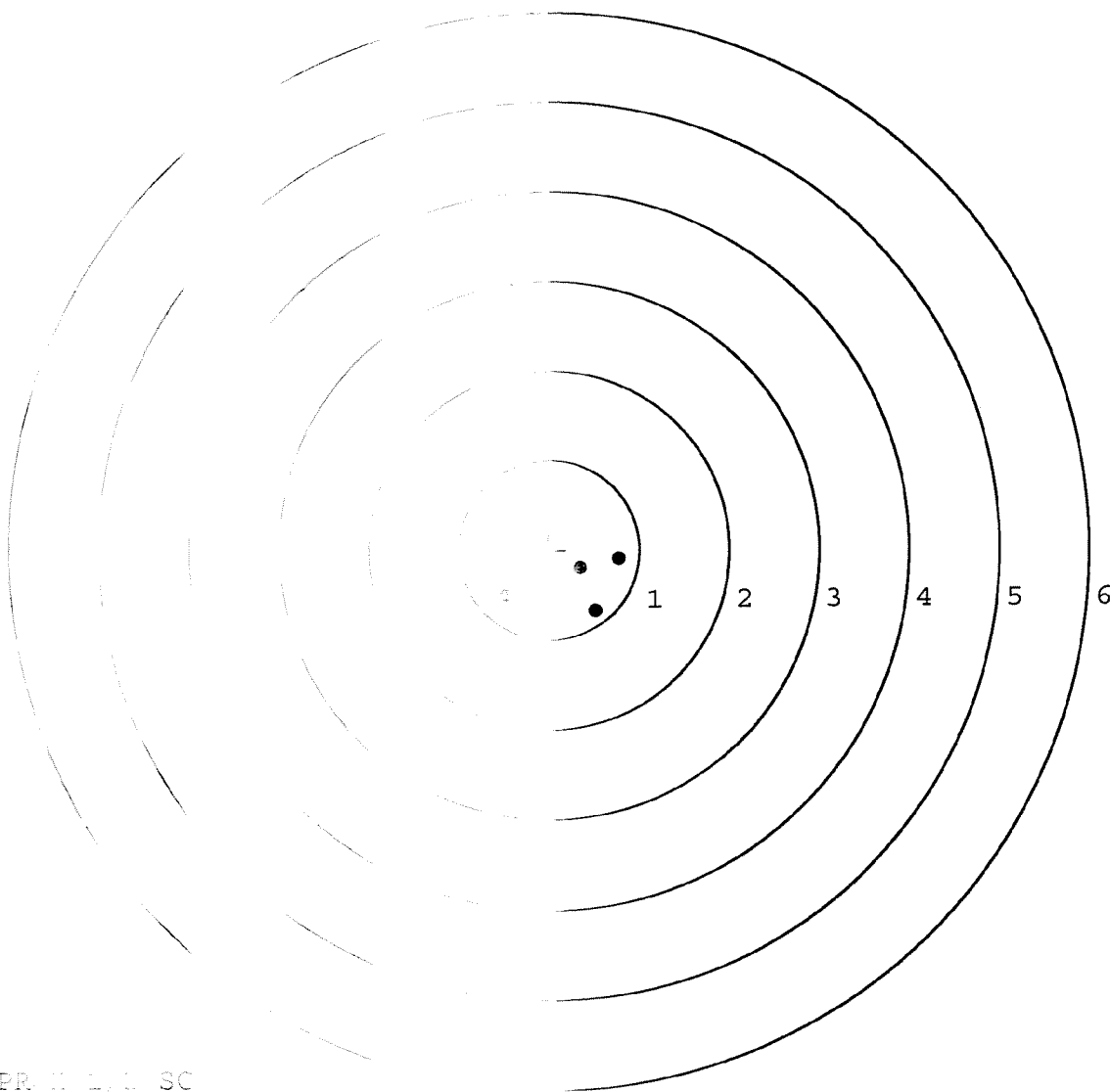


TARGET APPEARANCE: SC

SERIAL NUMBER: G66770
 TARGET NUMBER: 5
 FILE DATE: 08/23/2007
 FILE TIME: 14:44

PC	Y	Y
0	0.507	-0.686
1	0.342	-0.202
2	0.769	-0.104
3	0.013	0.696
4	-0.694	0.383
5	-1.22	-0.082
6	-0.5	-0.502
7	-0.0	-0.032
8	-0.3	-0.025
9	-0.3	-0.045

X CENTROID: -12
 Y CENTROID: -10
 POA TO CENTROID: 13
 HORZ SPREAD: 1
 VERT SPREAD: 2
 GROUP SPREAD: 1
 MIN RADIUS:
 MAX RADIUS:
 MEAN RADIUS:
 # IN 1 IN DIAMETER:
 # IN 2 IN DIAMETER:
 # in 3 IN DIAMETER:



TARGET APPROX L/L SC