

C6348758

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington




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

MODEL 700™ H24

SERIAL NO.
C6348758

ORDER NO.
5716

MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

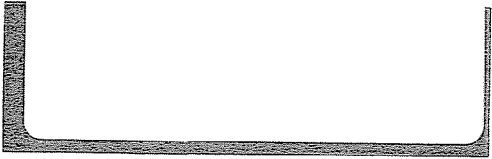
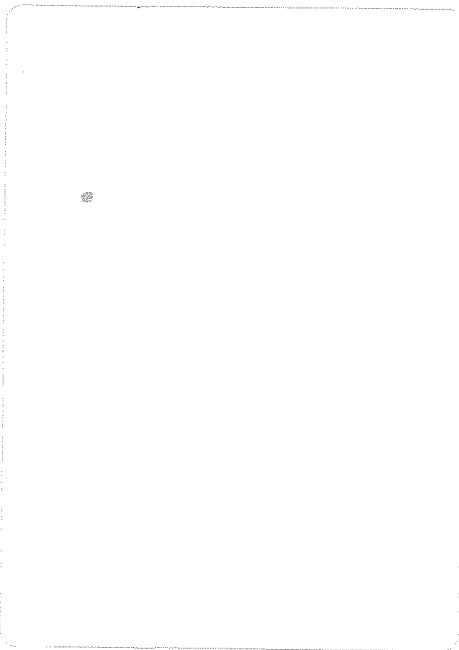


5716 C6348758

LPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348758

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7 21 89	RW
600	Proof		7 21 89	RW
607	Check Headspace		7 21 89	RW
610	Dis-assemble Gun		7 21 89	RW
612	Magnaflux Barrel Action		7/28/89	KCR
	Magnaflux Bolt		7/28/89	KCR
615	Rollmark Caliber		7/28/89	GS.
617	Drill and Tap Sight Holes		7/29/89	WC
618	Polish Barrel RB		7/31/89	WB
620	Apply Coatings (Barrel Action)		7-2-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8 Aug 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			8 Aug 89	JS
	G) Safety Off Force	4	4	4			8 Aug 89	JS
	H) Trigger Pull Test & Retainability						8 Aug 89	JS
	I) Firing Pin Indent	.021	.021	.021			8 Aug 89	JS
	J) Assemble Stock						8/9/89	RW
	K) Assemble Swivel Studs						16 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/9/89	RW
	M) Iron Sight Alignment						8/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/9/89	RW
	O) Attach Scope to Rifle						10 Aug 89	JS
	P) Detach & Attach Scope 20 Times						10 Aug 89	JS
640	Gallery Target & Test	107R	45L				8-14-89	AC
	A) Time						8-14-89	AC
	B) Malfunctions						8-14-89	AC
	C) Pierced Primers						8-14-89	AC
	D) Optical Clarity of Scope						8-14-89	AC
645	Inspect for Live Ammo						8-14-89	AC
655	Final Inspection							
	A) Headspace						16 Aug 89	JS
	B) Trigger Pull	2.80	2.70	2.86	2.63	2.80	16 Aug 89	JS
	C) Function						16 Aug 89	JS
660	Pack						19 Sep 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348758

DATE 11/6/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.31	2.36	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.30	2.25	
PULL #3	2.33	2.28	2.27	
PULL #4	2.29	2.26	2.38	
PULL #5	2.27	2.34	2.31	
TOTAL	11.57	11.54	11.56	
AVG.	2.31	2.31	2.31	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.06	3.01	
PULL #2	3.03	3.01	
PULL #3	3.01	2.97	
PULL #4	3.03	2.98	
PULL #5	3.02	3.02	
TOTAL	15.15	14.99	
AVG.	3.03	3.00	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	3.97		
PULL #2	4.05	3.95		
PULL #3	3.99	3.97		
PULL #4	4.09	3.98		
PULL #5	4.03	3.94		
TOTAL	20.23	19.81		
AVG.	4.04	3.96		

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6348758
 15 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.570979
1 TO	2	.809495
1 TO	3	1.25854
1 TO	4	.889434
1 TO	5	.851926

$$\frac{\frac{5}{4} + 1}{3 + 2} \quad (-----POA)$$

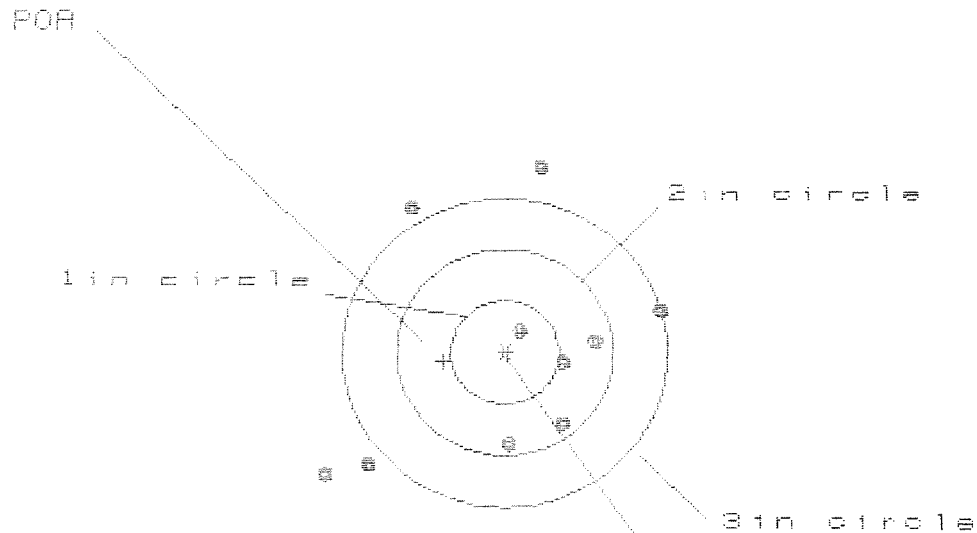
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0444
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.072
 THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .0845894
 THE AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.101

15 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340758

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 5

HS= 3.152

VS= 2.977

GS= 3.607

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.440	1.250	1.266
MINIMUM X	:	-1.712	-1.491	-1.475
MAXIMUM Y	:	1.798	1.667	1.440
MINIMUM Y	:	-1.179	-1.185	-0.977
CENTROID X	:	.564	.754	.738
CENTROID Y	:	.689	.220	.812
POA TO CENTROID in.	:	.571	.786	.738
MIN RADIUS	:	.222	.091	.271
MEAN RADIUS	:	1.213	1.068	.979
MAX RADIUS	:	2.079	1.905	1.769
HORIZONTAL SPREAD	:	3.152	2.741	2.741
VERTICAL SPREAD	:	2.977	2.852	2.417
EXTREME SPREAD	:	3.607	3.282	3.124
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	5		

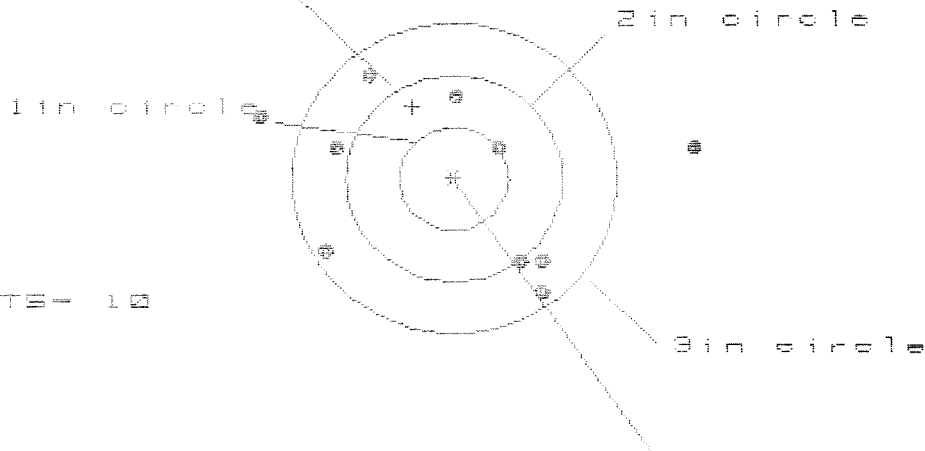
13 Aug 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08848758

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.920

VS= 2.989

GS= 3.927

CENTROID *

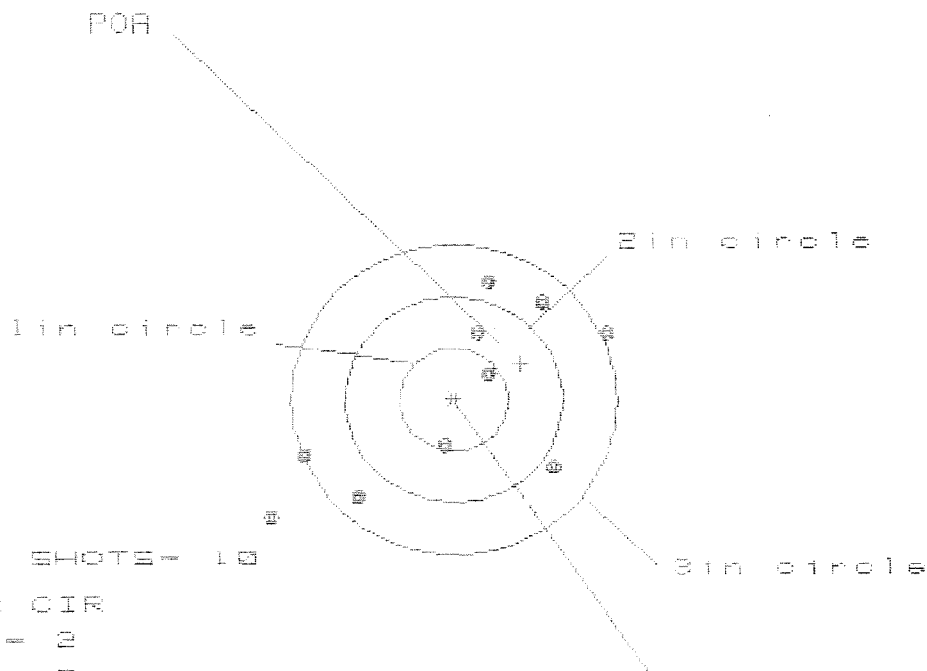
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.184	1.042	.956
MINIMUM X	-1.736	-1.494	-1.146
MAXIMUM Y	1.032	1.067	1.142
MINIMUM Y	-1.057	-1.022	-.947
CENTROID X	.383	.141	.327
CENTROID Y	-.700	-.735	-.810
POA TO CENTROID in.	.798	.748	.873
MCR RADIUS	.550	.781	.659
MCM RADIUS	1.266	1.159	1.082
MPM RADIUS	2.207	1.609	1.354
HORIZONTAL SPREAD	3.920	2.536	2.002
VERTICAL SPREAD	2.089	2.089	2.089
EXTREME SPREAD	3.927	2.989	2.607
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	8	

15 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348758

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

1 in = 2.100

2 in = 2.276

3 in = 3.619

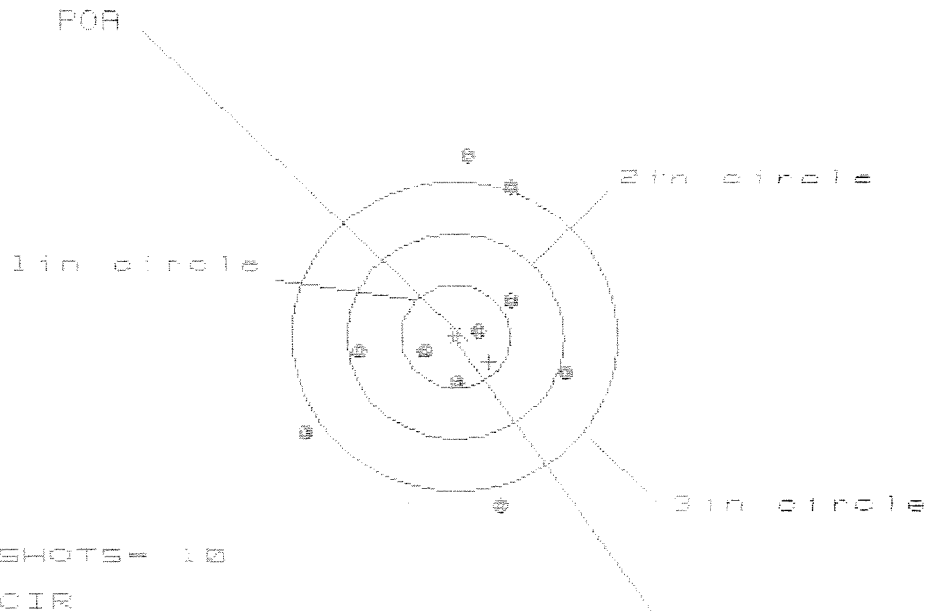
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.494	1.248	.888
MINIMUM X	:	-1.674	-1.583	-1.427
MAXIMUM Y	:	1.120	.992	1.063
MINIMUM Y	:	-1.156	-1.031	-.960
CENTROID X	:	-.614	-.428	-.584
CENTROID Y	:	-.354	-.226	-.297
POB TO CENTROID in.	:	.709	.484	.655
MIN RADIUS	:	.441	.227	.390
MEAN RADIUS	:	1.150	1.004	.975
MAX RADIUS	:	2.034	1.737	1.566
HORIZONTAL SPREAD	:	3.108	2.831	2.315
VERTICAL SPREAD	:	2.276	2.023	2.023
EXTREME SPREAD	:	3.619	3.110	2.698
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

15 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348758

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 2

IS= 2.378

VS= 3.416

CS= 3.433

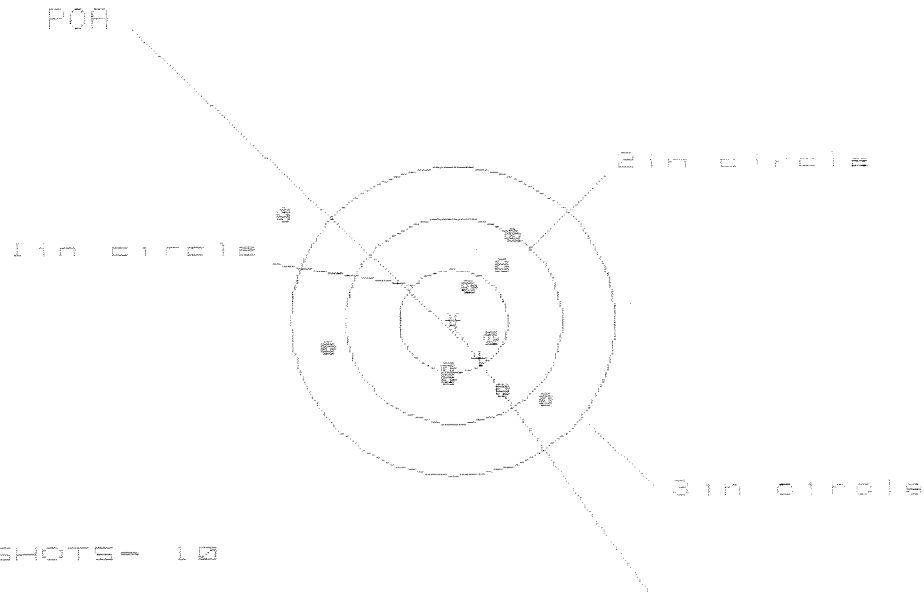
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.979	.987	1.046
MINIMUM X	:	-1.399	-1.391	-1.338
MAXIMUM Y	:	1.788	1.612	1.433
MINIMUM Y	:	-1.628	-1.429	-1.895
CENTROID X	:	-.312	-.326	-.373
CENTROID Y	:	.243	.044	.222
POA TO CENTROID in.	:	.395	.323	.434
MIN RADIUS	:	.204	.260	.267
MEAN RADIUS	:	1.019	.919	.841
MAX RADIUS	:	1.790	1.680	1.610
HORIZONTAL SPREAD	:	2.378	2.378	2.378
VERTICAL SPREAD	:	3.416	3.041	2.329
EXTREME SPREAD	:	3.433	3.041	2.984
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

15 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348758

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 0

HS= 2.412

VS= 1.881

GS= 3.010

CENTROID *

PATTERN #		5		
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.851	.678	.508
MINIMUM X		-1.561	-1.354	-.406
MAXIMUM Y		1.081	.976	.963
MINIMUM Y		-.720	-.600	-.613
CENTROID X		-.243	-.070	.100
CENTROID Y		.362	.242	.255
POA TO CENTROID in.		.436	.252	.273
MIN RADIUS		.346	.179	.040
MEAN RADIUS		.856	.689	.584
MAX RADIUS		1.898	1.358	.988
HORIZONTAL SPREAD		2.412	2.032	.914
VERTICAL SPREAD		1.881	1.576	1.576
EXTREME SPREAD		3.010	2.999	1.603
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

CUSTOMER ORDER NO.		COMMENTS M-24 SNIPER W/LEUPOLD 10X SCOPE	
RECEIVED 29/90	DATE OPENED 10/29/90	DATE CODE	SERIAL NUMBER C6348758
MODELS HARD CASE		MODEL AND GRADE 700 7.62 NATO	
		ORDER 90-28388	

SHIP TO:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFG-F-PBO
APO NY 09050

NT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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NEW

☐ VERY WORN

☐ MARRED

MER'S REQUEST

Referred per Bureau of Maintenance letter # 90-6

John 1/19

[illegible]

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00131872

Verify Repair

Serial: C6348758 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 7/30/2007 10:56:10 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: A CO 1/10SF BN

A CO 1/10SF BN

Address 1: PANZER KASERNE

PANZER KASERNE

Address 2: APO

PO Box:

APO

PO Box:

City: WH09A0

WH09A0

State: AE

Zip Code: 09107

Country: IT

State: AE

Zip Code: 09107

Country: IT

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/30/2007

12:49 PM

CAPS

NUM

INS

SCRL



12:49 PM

Serial Number: C6348758

Model: M24 SWS



RE00131872

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348758.___0
FILE DATE AND TIME: 09/27/2007 05:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.083
The Average Y Centroid of the Five Target Set:	0.170
The Average Point of Impact of the Five Target Set:	0.189
The Average Mean Radius of the Five Target Set:	0.832
The Distance from POA to Centroid Target #1:	0.480
The Distance from Centroid Target #2 to Centroid Target #1:	0.253
The Distance from Centroid Target #3 to Centroid Target #1:	0.611
The Distance from Centroid Target #4 to Centroid Target #1:	0.505
The Distance from Centroid Target #5 to Centroid Target #1:	0.392

SERIAL NUMBER: C6348758. __0

TARGET NUMBER: 1

FILE DATE: 09/27/2007

FILE TIME: 05:48

POINT#	X	Y
1:	0.053	1.893
2:	0.873	1.022
3:	-0.758	0.455
4:	-1.124	0.075
5:	0.476	0.156
6:	0.265	-0.169
7:	-0.350	-0.526
8:	0.032	-1.156
9:	-0.313	1.333
10:	-0.768	1.434

X CENTROID: -0.161

Y CENTROID: 0.452

POA TO CENTROID: 0.480

HORZ SPREAD: 1.997

VERT SPREAD: 3.049

GROUP SPREAD: 3.049

MIN RADIUS: 0.597

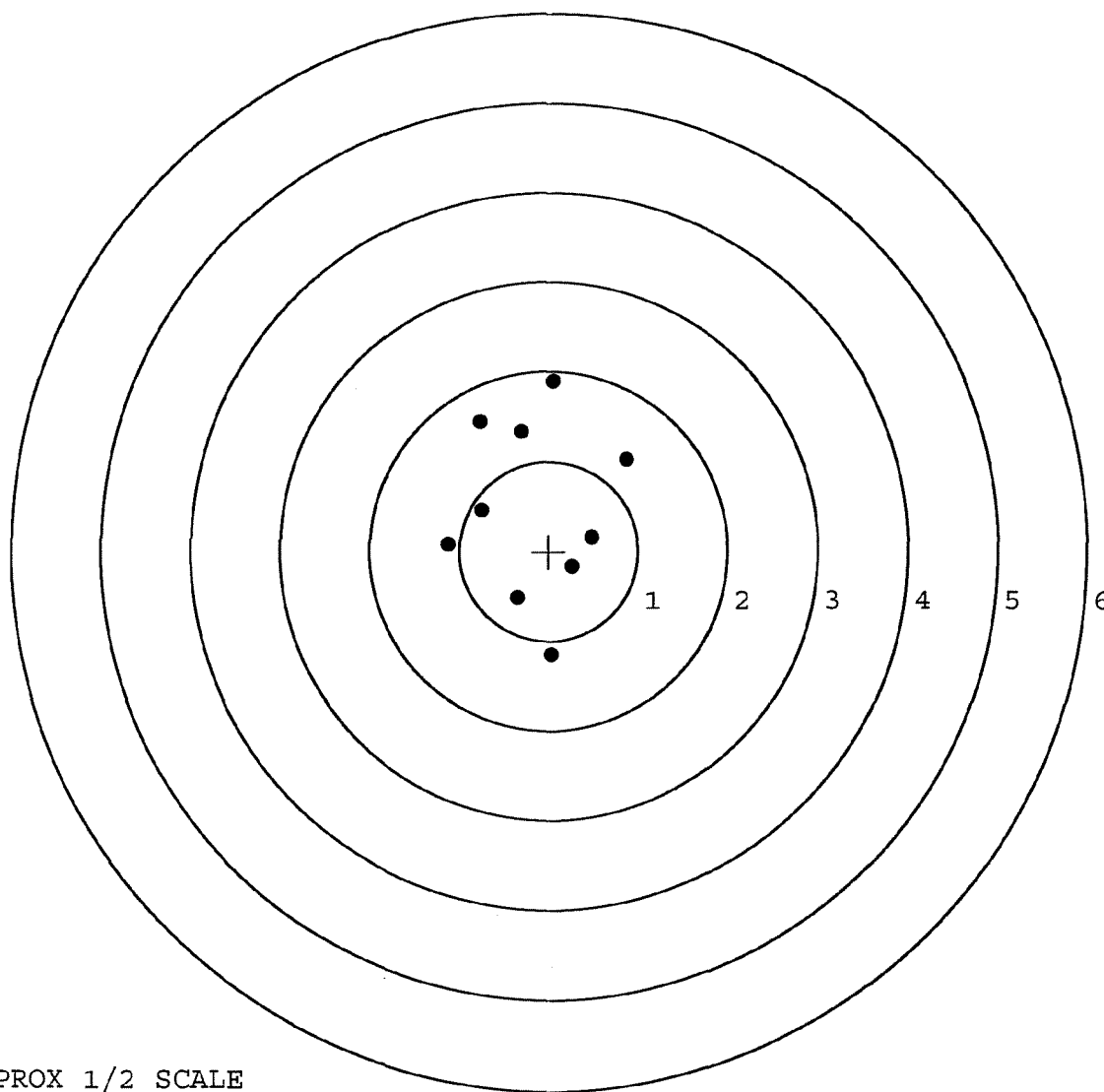
MAX RADIUS: 1.619

MEAN RADIUS: 1.039

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348758. __0

TARGET NUMBER: 2

FILE DATE: 09/27/2007

FILE TIME: 05:48

POINT#	X	Y
1:	0.616	-0.733
2:	-0.005	-0.759
3:	0.000	-0.458
4:	-0.574	-0.319
5:	0.347	-0.235
6:	0.383	0.331
7:	0.138	0.381
8:	0.367	2.022
9:	-0.792	2.418
10:	0.279	2.758

X CENTROID: 0.076

Y CENTROID: 0.541

POA TO CENTROID: 0.546

HORZ SPREAD: 1.408

VERT SPREAD: 3.517

GROUP SPREAD: 3.528

MIN RADIUS: 0.171

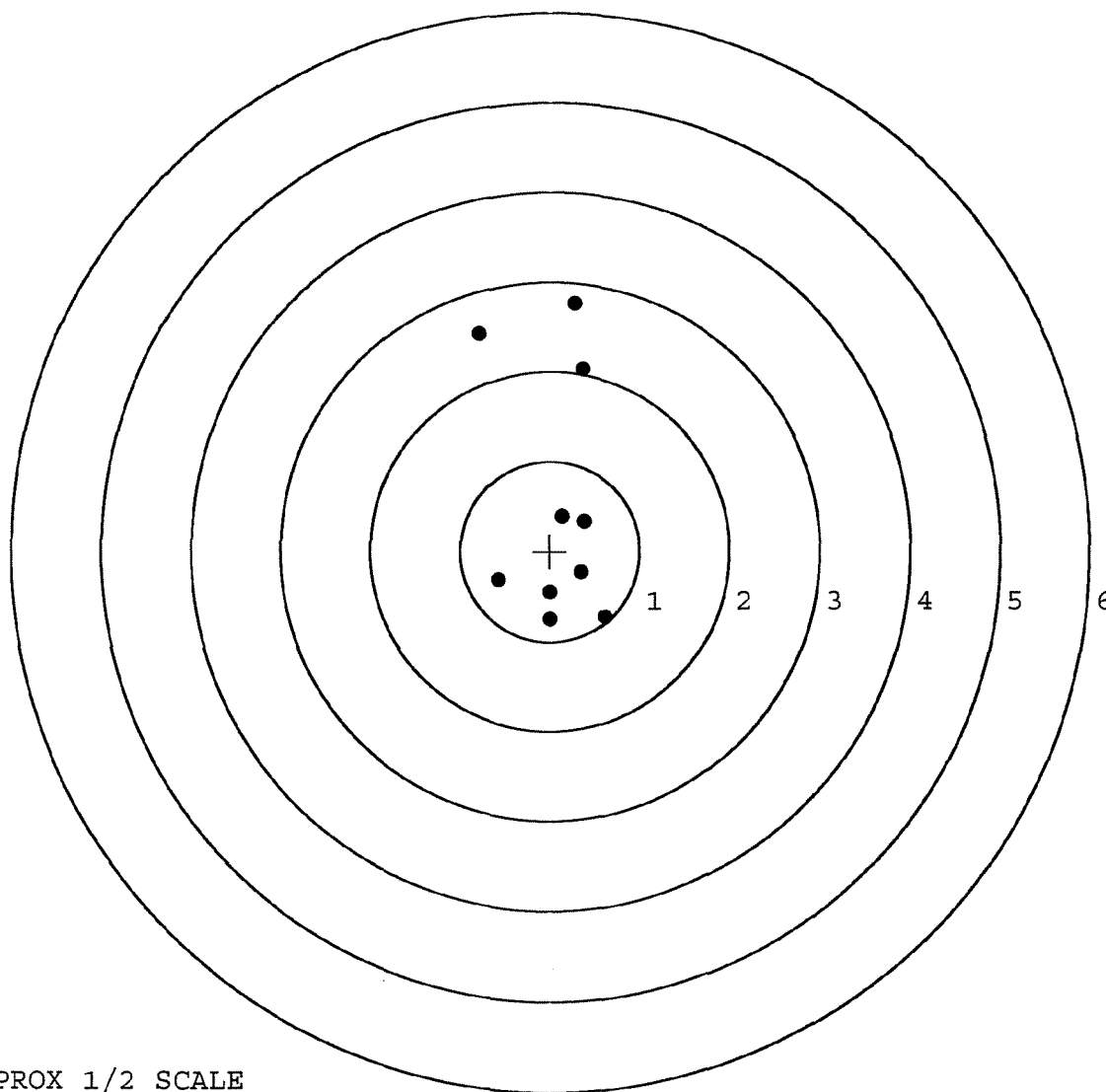
MAX RADIUS: 2.227

MEAN RADIUS: 1.193

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348758. 0

TARGET NUMBER: 3

FILE DATE: 09/27/2007

FILE TIME: 05:48

POINT#	X	Y
1:	-0.765	0.583
2:	0.190	0.529
3:	0.488	-0.139
4:	0.282	-0.335
5:	0.131	-0.273
6:	0.042	0.100
7:	-0.311	0.001
8:	-0.578	-0.497
9:	0.064	-0.046
10:	-0.238	-1.451

X CENTROID: -0.070

Y CENTROID: -0.153

POA TO CENTROID: 0.168

HORZ SPREAD: 1.253

VERT SPREAD: 2.034

GROUP SPREAD: 2.101

MIN RADIUS: 0.171

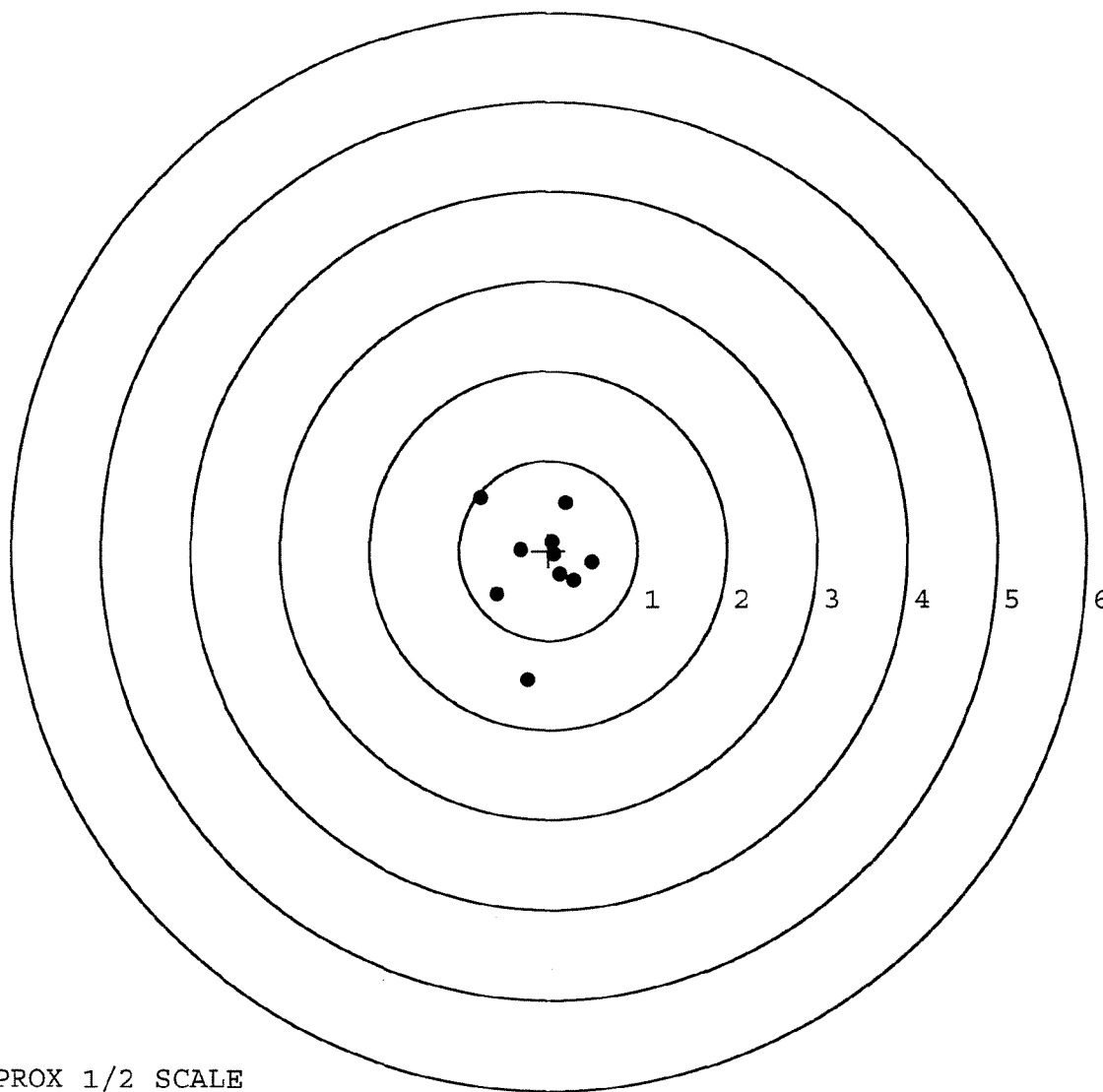
MAX RADIUS: 1.309

MEAN RADIUS: 0.559

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

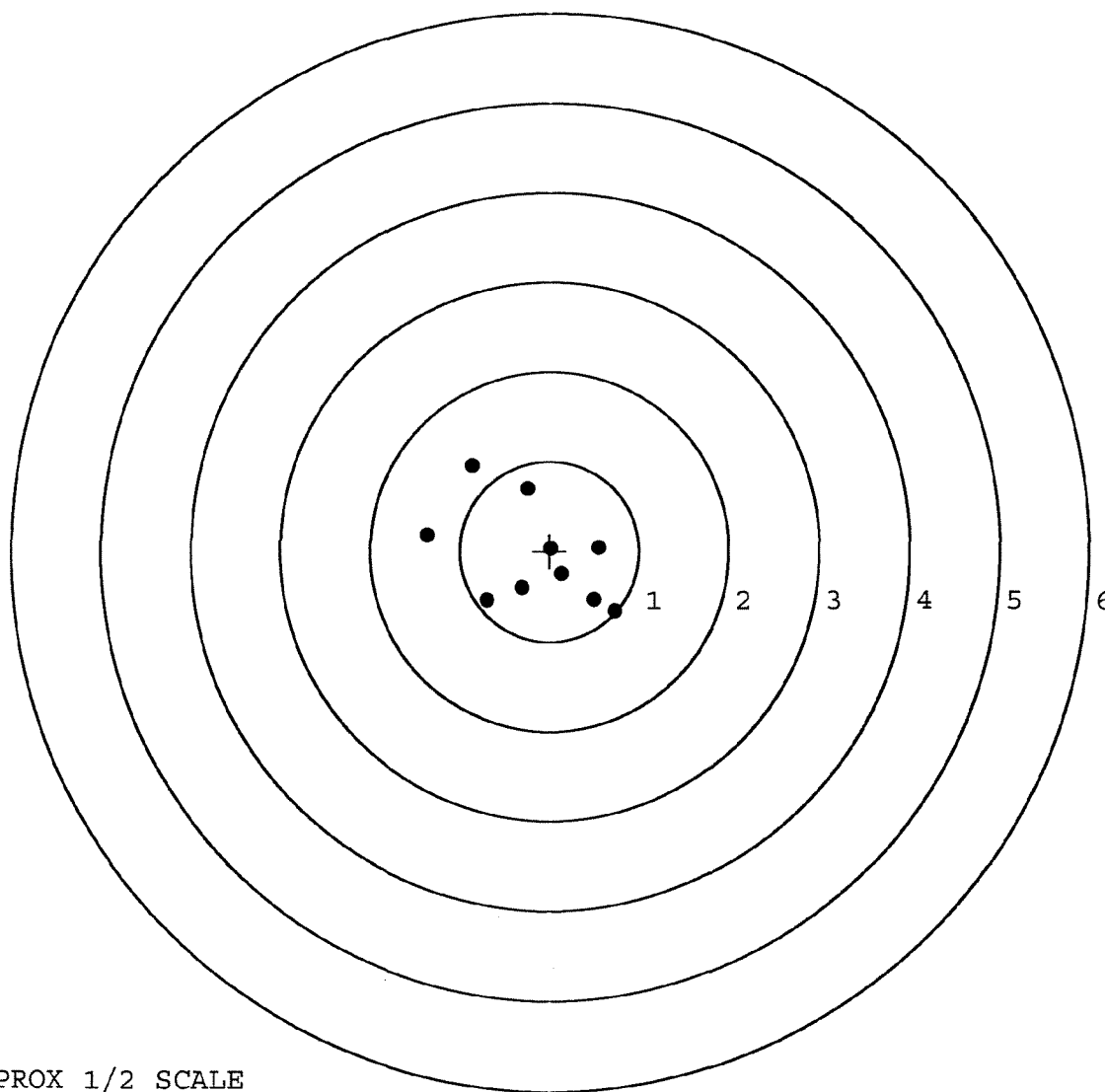


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348758. __0
TARGET NUMBER: 4
FILE DATE: 09/27/2007
FILE TIME: 05:48

POINT#	X	Y
1:	-0.867	0.950
2:	-1.369	0.176
3:	-0.247	0.699
4:	-0.702	-0.551
5:	0.017	0.030
6:	0.135	-0.254
7:	-0.311	-0.410
8:	0.727	-0.669
9:	0.497	-0.544
10:	0.550	0.039

X CENTROID: -0.157
Y CENTROID: -0.053
POA TO CENTROID: 0.166
HORZ SPREAD: 2.096
VERT SPREAD: 1.619
GROUP SPREAD: 2.260
MIN RADIUS: 0.193
MAX RADIUS: 1.234
MEAN RADIUS: 0.750
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

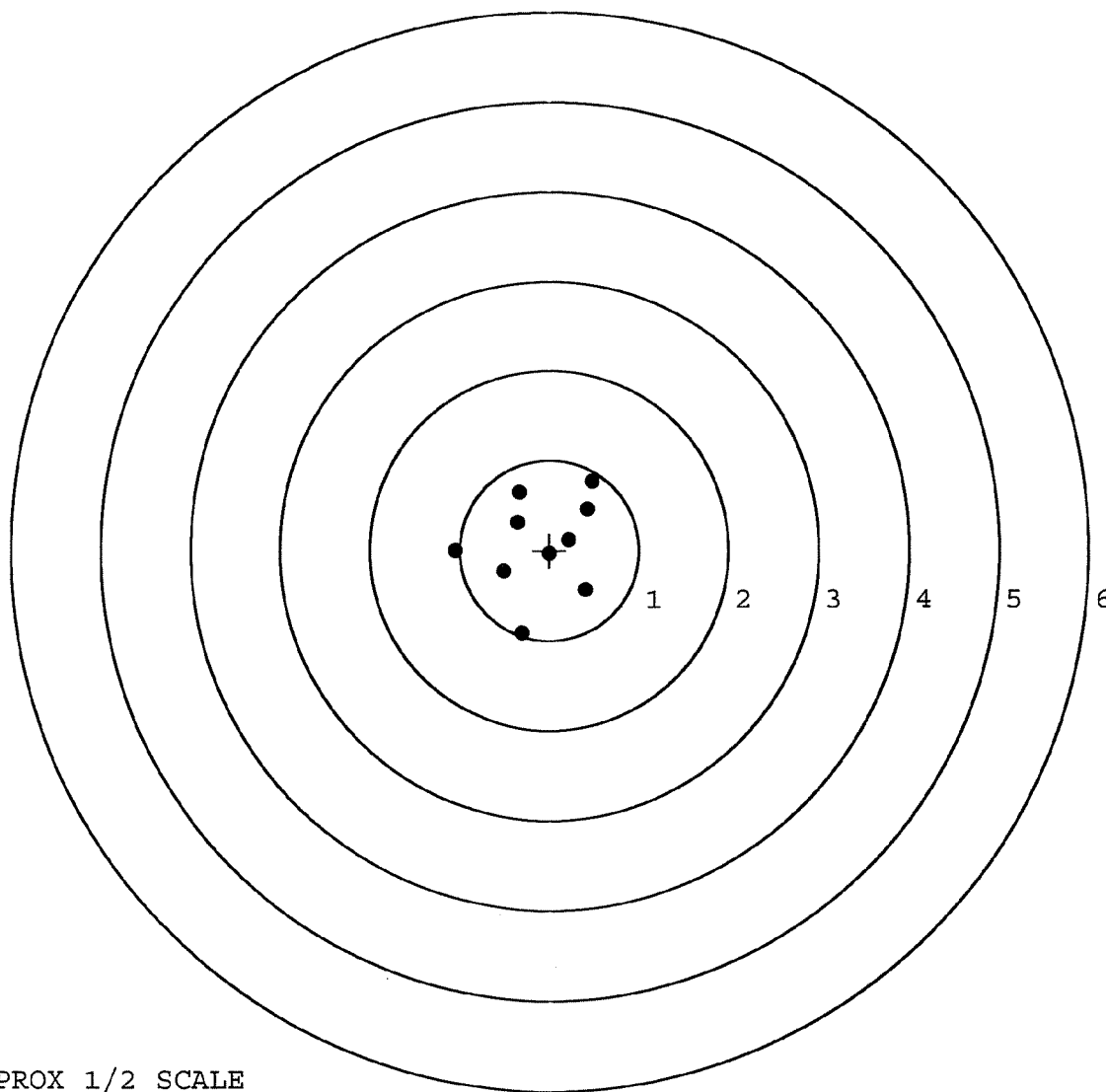


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348758. __0
TARGET NUMBER: 5
FILE DATE: 09/27/2007
FILE TIME: 05:48

POINT#	X	Y
1:	-1.047	-0.010
2:	-0.512	-0.235
3:	-0.307	-0.926
4:	0.401	-0.442
5:	-0.335	0.645
6:	-0.356	0.309
7:	-0.006	-0.038
8:	0.219	0.114
9:	0.425	0.454
10:	0.478	0.765

X CENTROID: -0.104
Y CENTROID: 0.064
POA TO CENTROID: 0.122
HORZ SPREAD: 1.525
VERT SPREAD: 1.691
GROUP SPREAD: 1.864
MIN RADIUS: 0.141
MAX RADIUS: 1.010
MEAN RADIUS: 0.619
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 131872
SERIAL NUMBER 06348758
LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-27-07	RTZ
505	RE-BARREL	9-14-07	RTZ
560	ASSEMBLE	9-14-07	RTZ
600	PROOF	9/14/07	mm
605	CHECK HEADSPACE	9/14/07	mm
610	DIS-ASSEMBLE GUN	9-17-07	TRW
612	MAGNAFLUX	9-18-07	TRW
510	DRILL AND TAP	9-17-07	TRW
615	ROLLMARK CALIBER	9-17-07	CW
618	ROTO-BLAST	9-18-07	PS
620	APPLY COATINGS	9/21/07	RB
625	FINAL ASSEMBLY	9-26-07	RTZ
640	FUNCTION TEST AND	9-26-07	TRW
650	TARGET	9-26-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-26-07	BWD
	A) HEADSPACE	9-27-07	mm
	B) TRIGGER PULL	9-27-07	mm
		2.73 2.72 2.73 2.68 257 9-27-07	DA
680	F) SAFETY ON FORCE	4.5 4.4 4.5 9-27-07	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.5 9-27-07	DA
	I) FIRING PIN INDENT	.0215 .022 .0225 9-27-07	DA
690	PACK	10-4-07	DA

MAGNA - FLUX
SEP 18 2007
OPERATOR NRB

N/A