

C6523447

M2400028321

MODEL 700™ M24

Model **SMS**™

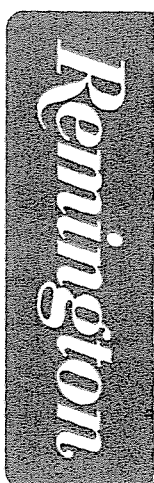
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00100609** Serial: C6523447 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/5/2005 1:50:37 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **MATERIAL MOVEMENT SECTION** **MATERIAL MOVEMENT SECTION**

Address 1: **BLDG 9630** **BLDG 9630**

Address 2: **RAINIER AVE** **RAINIER AVE** PO Box: PO Box:

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope w/Case	1
A057	Frt and Rear Sgt Base	2

Repair Search **Refresh** **Close**

magletj 9/5/2005 1:54 PM CAPC NUM INS SCRL

start 5 2

Arms Services

Serial Number: **C6523447**

Model: **M24 SWS**



RE00100609

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523447.__0
FILE DATE AND TIME: 09/20/2005 11:23

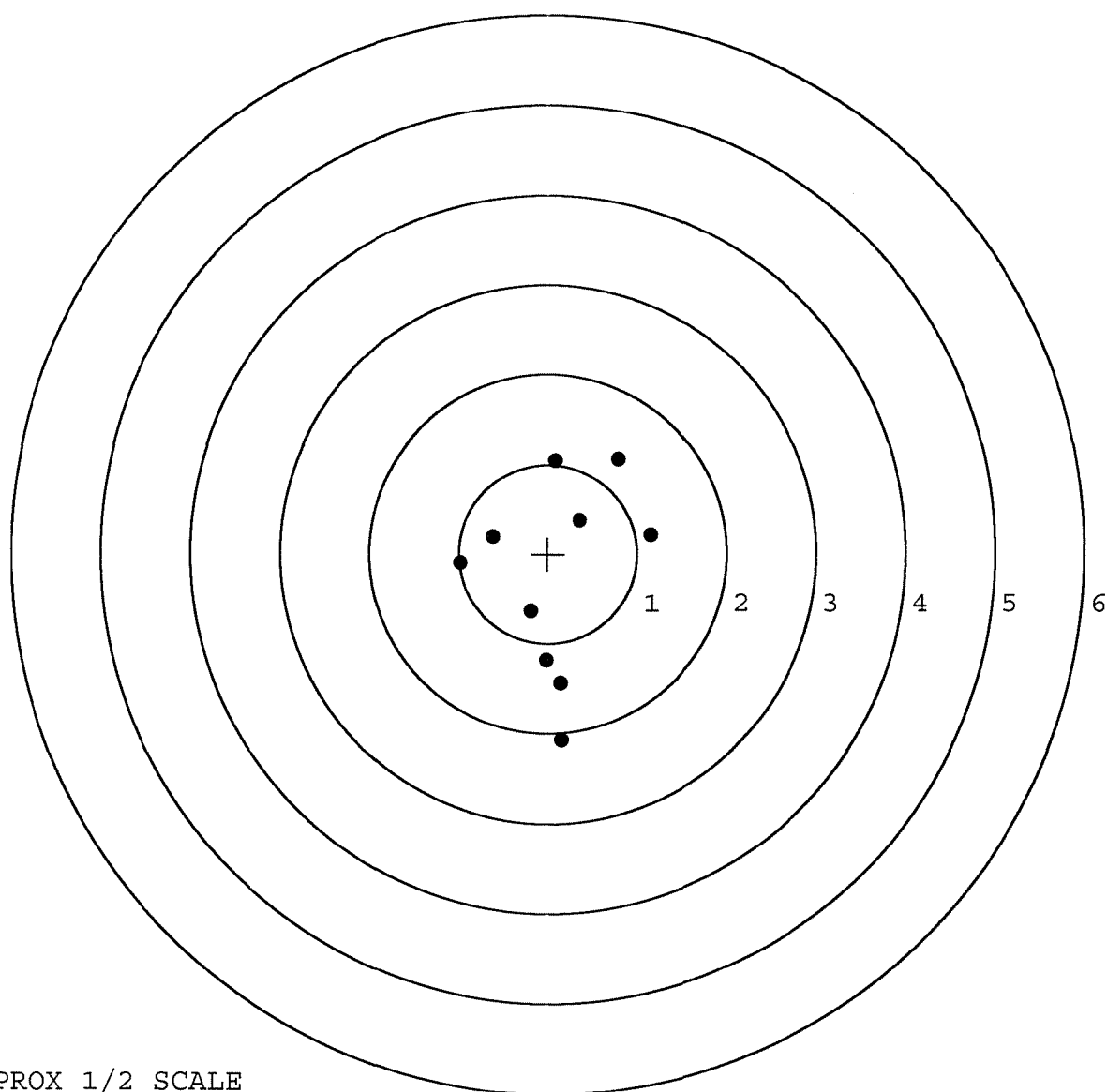
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.900
The Distance from POA to Centroid Target #1:	0.275
The Distance from Centroid Target #2 to Centroid Target #1:	0.556
The Distance from Centroid Target #3 to Centroid Target #1:	0.294
The Distance from Centroid Target #4 to Centroid Target #1:	0.203
The Distance from Centroid Target #5 to Centroid Target #1:	0.177

SERIAL NUMBER: C6523447. __0
TARGET NUMBER: 1
FILE DATE: 09/20/2005
FILE TIME: 11:23

X CENTROID: 0.087
Y CENTROID: -0.260
POA TO CENTROID: 0.275
HORZ SPREAD: 2.130
VERT SPREAD: 3.147
GROUP SPREAD: 3.209
MIN RADIUS: 0.482
MAX RADIUS: 1.826
MEAN RADIUS: 1.101
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.162	-2.085
2:	0.151	-1.450
3:	-0.193	-0.652
4:	1.148	0.218
5:	0.355	0.379
6:	0.788	1.062
7:	0.080	1.040
8:	-0.615	0.192
9:	-0.982	-0.109
10:	-0.020	-1.200

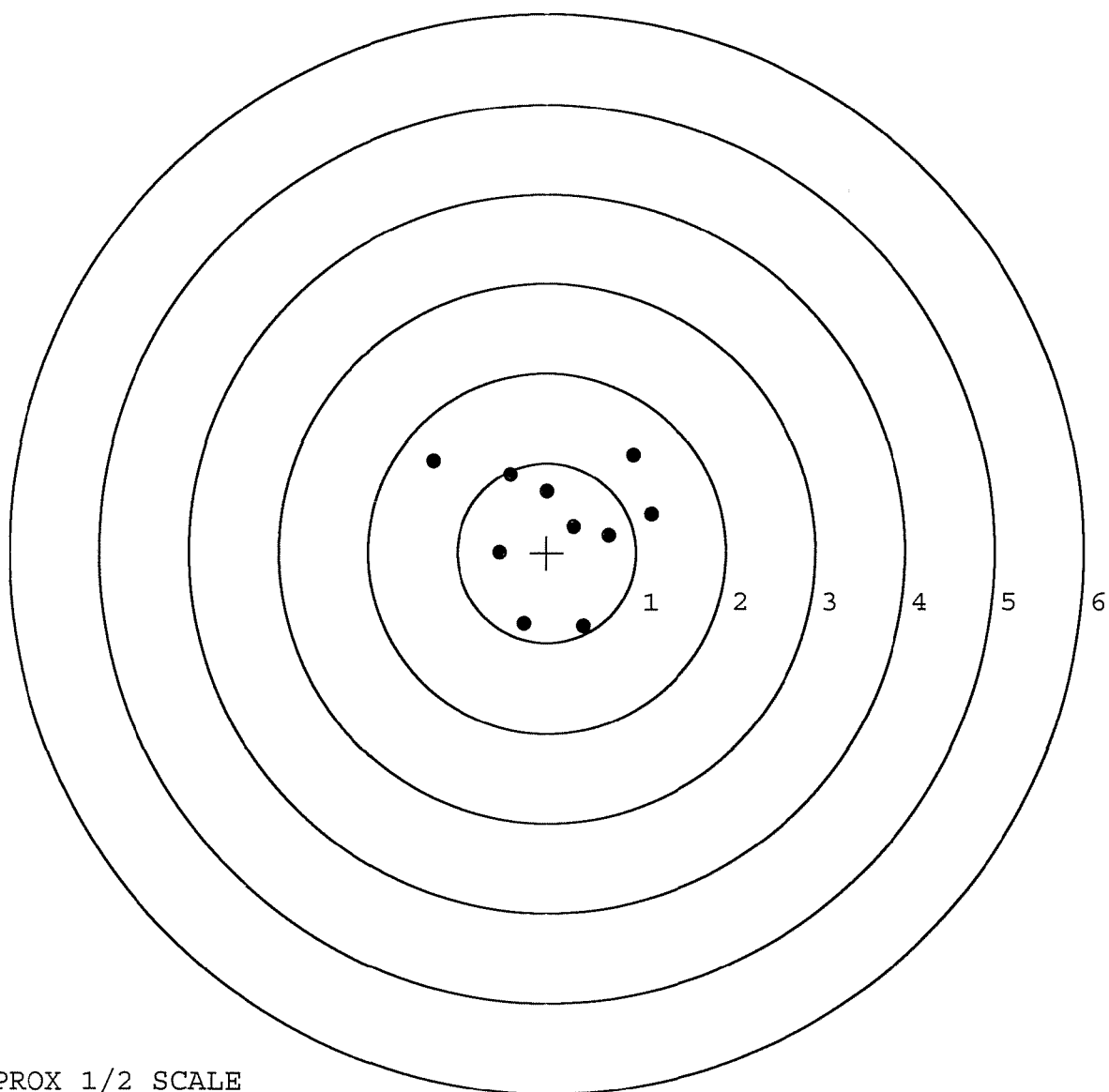


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447. __0
 TARGET NUMBER: 2
 FILE DATE: 09/20/2005
 FILE TIME: 11:23

X CENTROID: 0.110
 Y CENTROID: 0.295
 POA TO CENTROID: 0.315
 HORZ SPREAD: 2.446
 VERT SPREAD: 1.914
 GROUP SPREAD: 2.516
 MIN RADIUS: 0.196
 MAX RADIUS: 1.560
 MEAN RADIUS: 0.878
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.173	0.429
2:	0.696	0.196
3:	0.416	-0.826
4:	-0.254	-0.796
5:	0.305	0.289
6:	0.970	1.088
7:	0.003	0.682
8:	-0.530	0.005
9:	-0.411	0.869
10:	-1.273	1.017



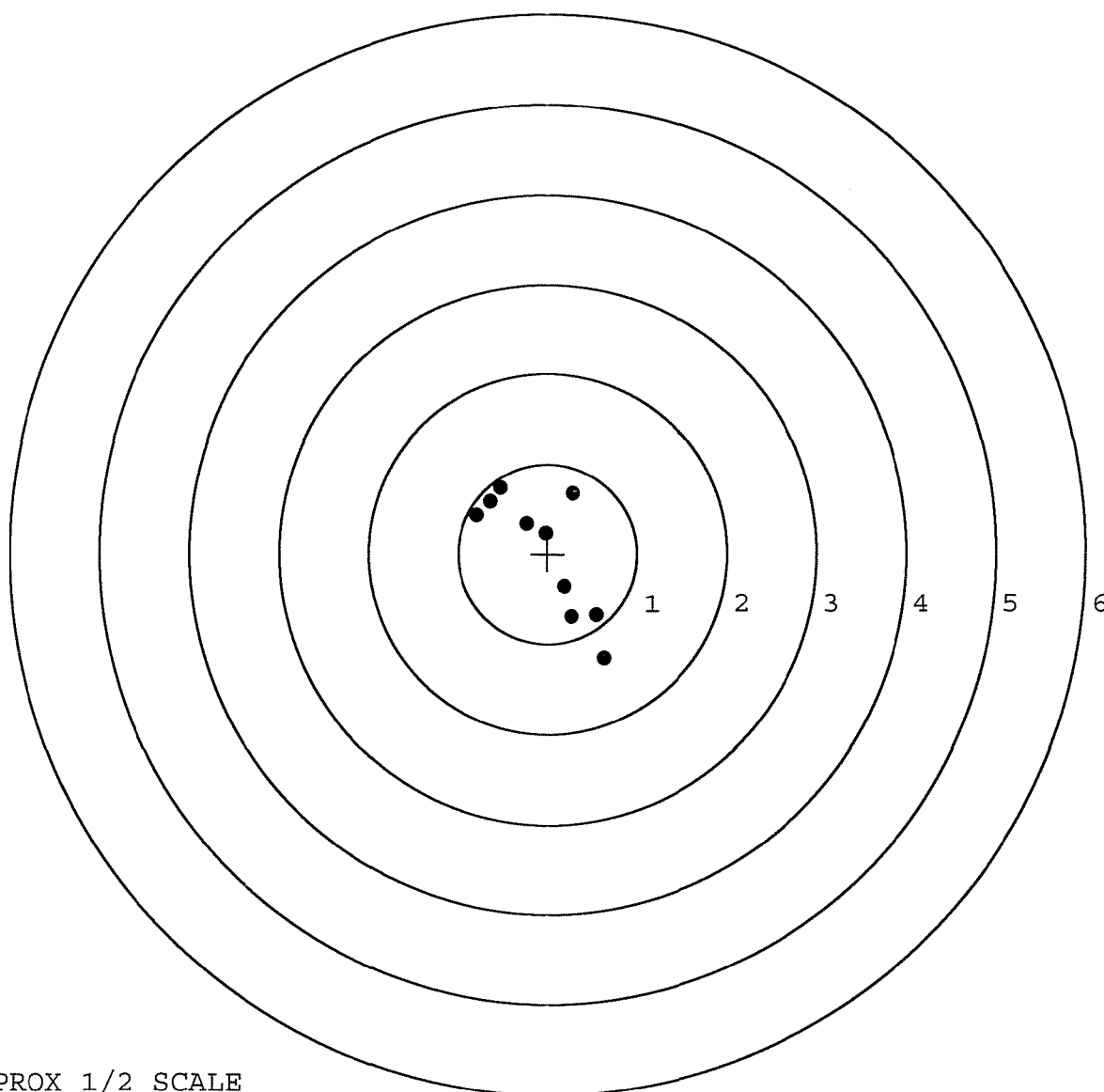
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447. 0
TARGET NUMBER: 3
FILE DATE: 09/20/2005
FILE TIME: 11:23

X CENTROID: -0.031
Y CENTROID: 0.008
POA TO CENTROID: 0.032
HORZ SPREAD: 1.432
VERT SPREAD: 1.903
GROUP SPREAD: 2.230
MIN RADIUS: 0.224
MAX RADIUS: 1.349
MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.634	-1.166
2:	0.549	-0.683
3:	0.267	-0.704
4:	0.188	-0.361
5:	-0.026	0.232
6:	-0.235	0.334
7:	0.281	0.675
8:	-0.528	0.737
9:	-0.645	0.584
10:	-0.798	0.432



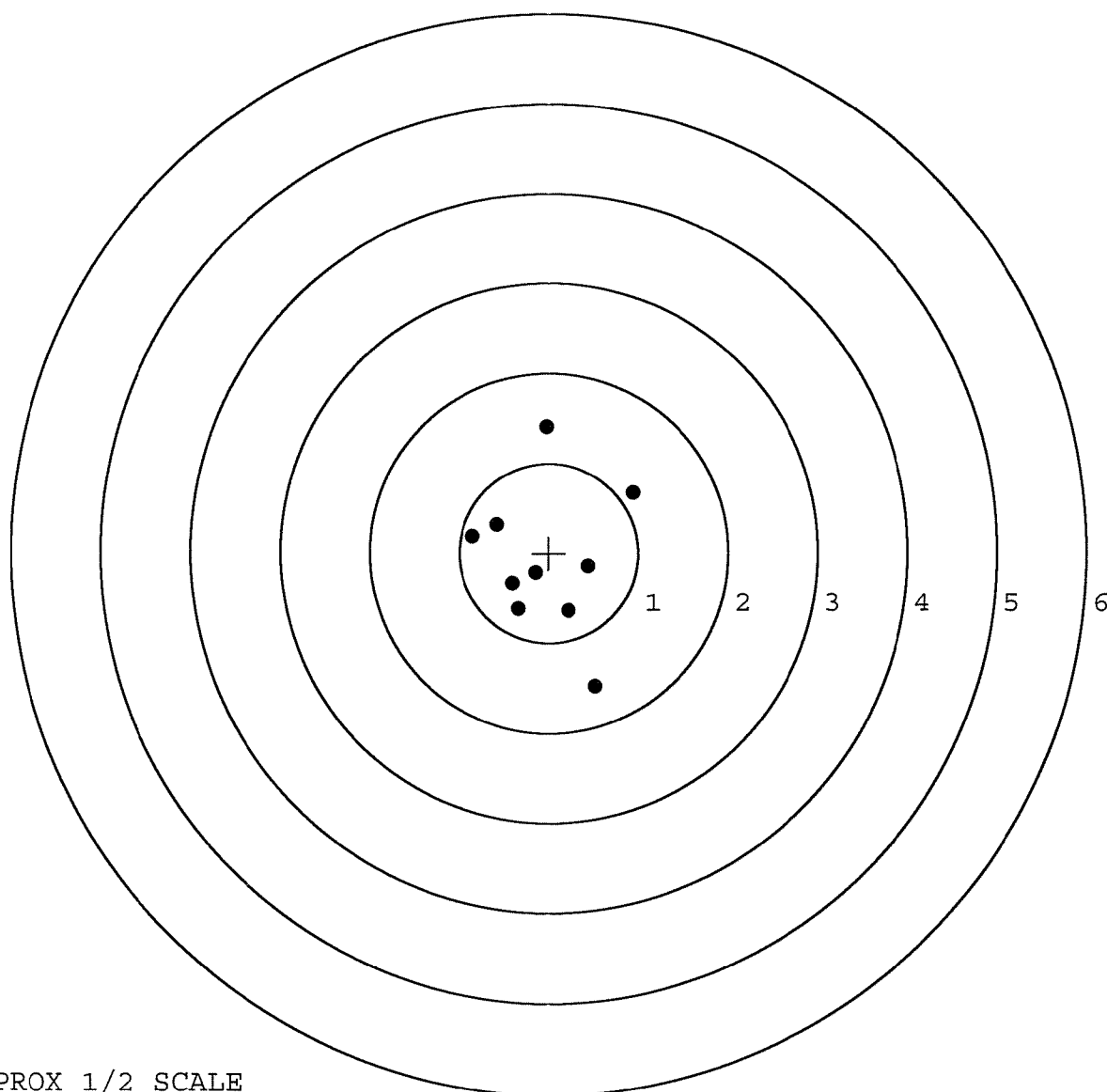
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447.___0
TARGET NUMBER: 4
FILE DATE: 09/20/2005
FILE TIME: 11:23

X CENTROID: -0.024
Y CENTROID: -0.091
POA TO CENTROID: 0.094
HORZ SPREAD: 1.802
VERT SPREAD: 2.888
GROUP SPREAD: 2.941
MIN RADIUS: 0.182
MAX RADIUS: 1.499
MEAN RADIUS: 0.815

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.524	-1.486
2:	0.943	0.675
3:	0.444	-0.151
4:	0.221	-0.650
5:	-0.030	1.402
6:	-0.582	0.315
7:	-0.859	0.181
8:	-0.150	-0.222
9:	-0.413	-0.343
10:	-0.340	-0.631

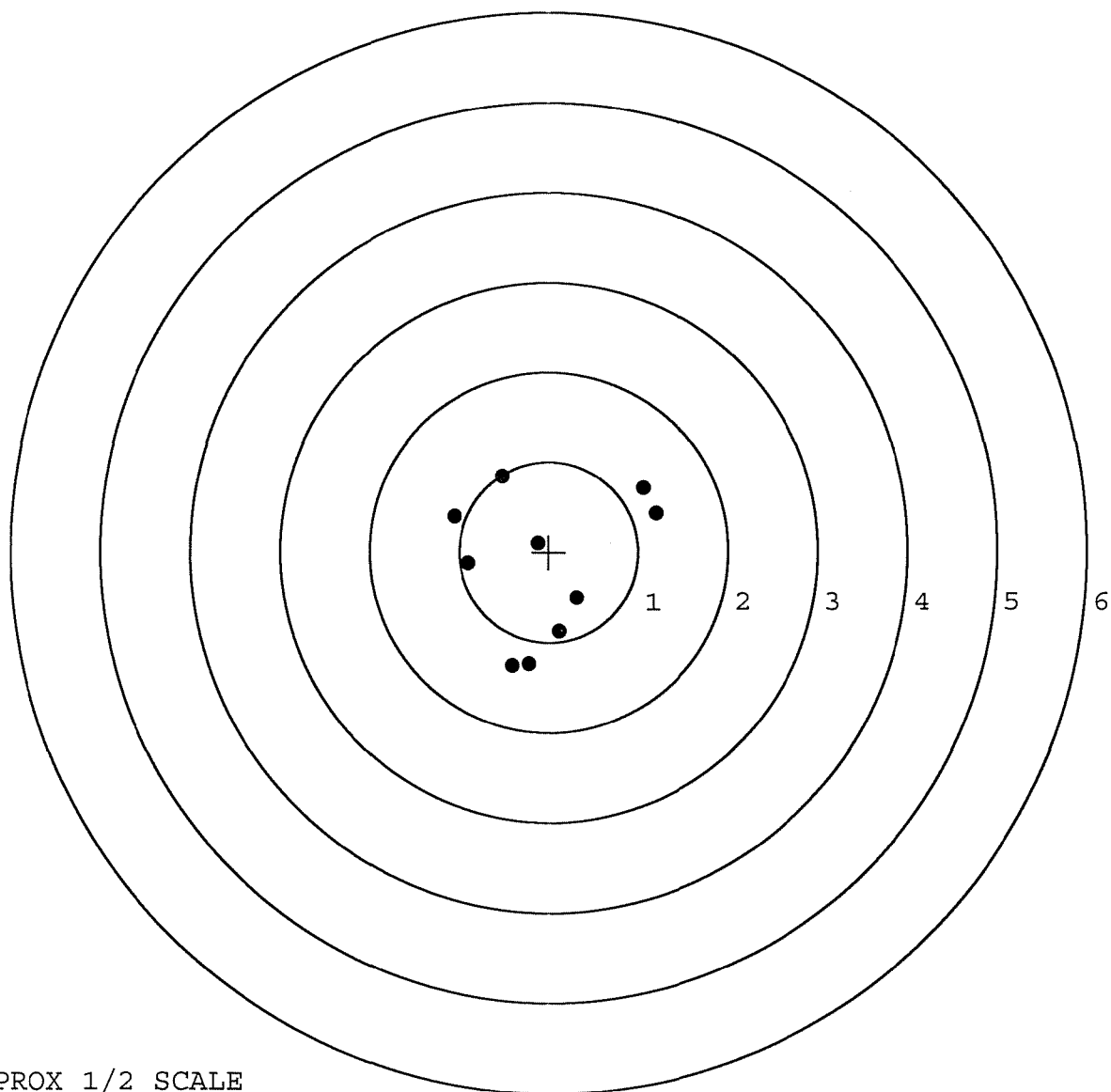


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447. __0
 TARGET NUMBER: 5
 FILE DATE: 09/20/2005
 FILE TIME: 11:23

X CENTROID: -0.055
 Y CENTROID: -0.156
 POA TO CENTROID: 0.165
 HORZ SPREAD: 2.257
 VERT SPREAD: 2.102
 GROUP SPREAD: 2.462
 MIN RADIUS: 0.262
 MAX RADIUS: 1.410
 MEAN RADIUS: 0.967
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.199	0.429
2:	1.057	0.712
3:	0.315	-0.508
4:	0.119	-0.883
5:	-0.411	-1.264
6:	-0.121	0.098
7:	-0.903	-0.127
8:	-1.058	0.391
9:	-0.523	0.838
10:	-0.224	-1.243



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	100609		
SERIAL NUMBER	C6523447		
LOG-IN DATE	9-6-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-7-05	RTZ
560 A	RE-BARREL	9-8-05	RTZ
B	DRILL AND TAP	9-12-05	TRW
575	ASSEMBLE	9-8-05	RTZ
600	PROOF MAGNA-FLUX	9-8-05	RTZ
605	CHECK HEADSPACE	9-8-05	RTZ
610	DIS-ASSEMBLE GUN	9-9-05	RTZ
612	MAGNAFLUX	9/12/05	unaf
615	ROLLMARK CALIBER	9-12-05	CW
618	ROTO-BLAST	9-13-05	LB
620	APPLY COATINGS	9-14-05	RB
625 A	FINAL ASSEMBLY	9-15-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	9-21-05	AC
D	SAFETY "OFF" FORCE	9-21-05	AC
E	FIRING PIN INDENT	9-20-05	TRW
640	TARGET	9-20-05	AC
655	FINAL INSPECT	9-21-05	AC
660	PACK	9-27-05	OA
		SHIP DATE	
		QAR INSPECTION DATE	

Address Information

FFL: [] [] [] [] [] [] []

Repair Search

Refresh

Close



RE00069392

FINAL INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C6523447 INSPECTED BY: RTL

DATE REC'D: 9-2-03 DATE RET'D: 9-18-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6523447.___0
FILE DATE AND TIME: 09/15/2003 09:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

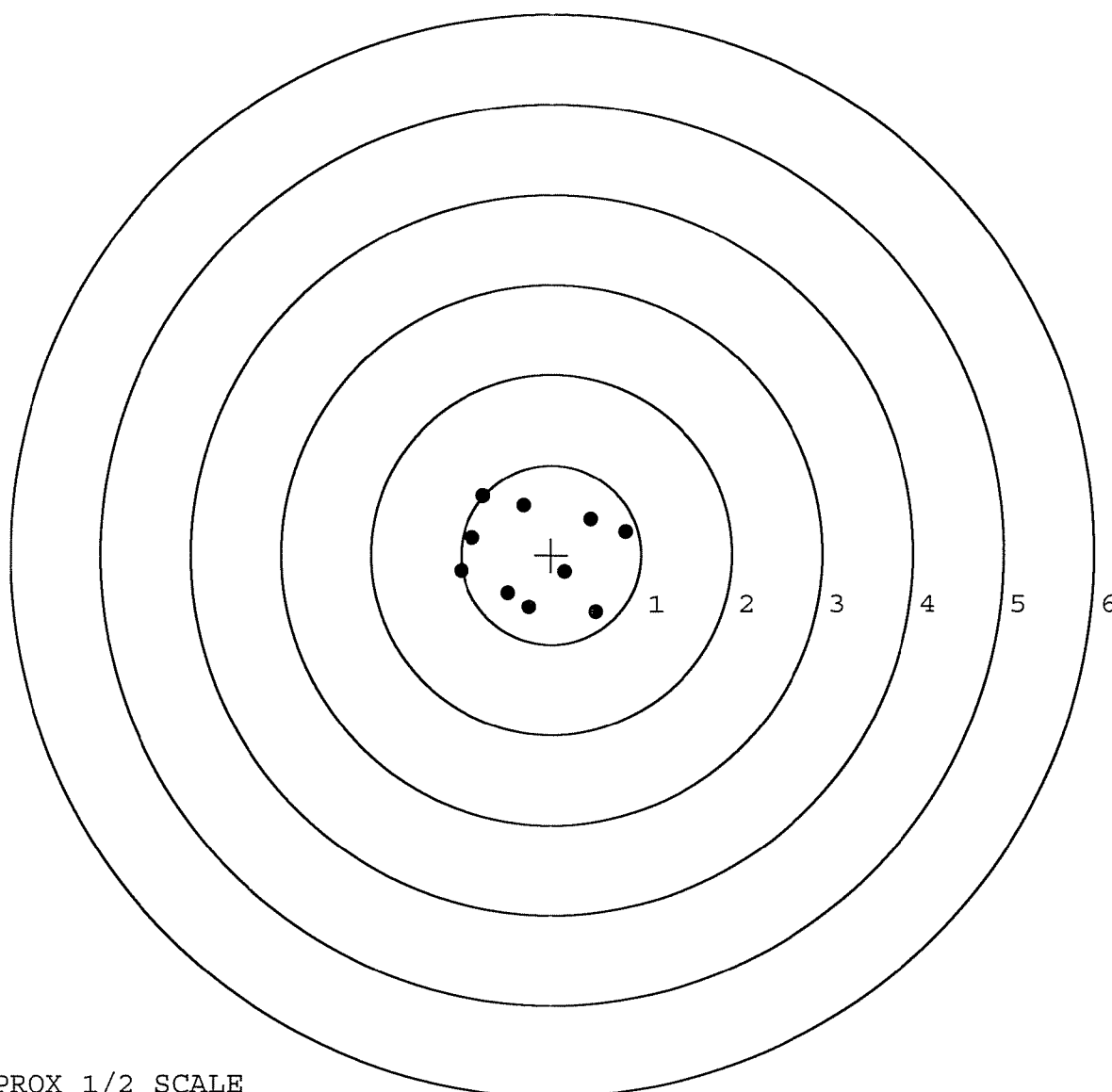
The Average X Centroid of the Five Target Set:	-0.043
The Average Y Centroid of the Five Target Set:	0.031
The Average Point of Impact of the Five Target Set:	0.053
The Average Mean Radius of the Five Target Set:	0.652
The Distance from POA to Centroid Target #1:	0.175
The Distance from Centroid Target #2 to Centroid Target #1:	0.175
The Distance from Centroid Target #3 to Centroid Target #1:	0.277
The Distance from Centroid Target #4 to Centroid Target #1:	0.048
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

SERIAL NUMBER: G6523447.___0
TARGET NUMBER: 1
FILE DATE: 09/15/2003
FILE TIME: 09:35

X CENTROID: -0.175
Y CENTROID: 0.003
POA TO CENTROID: 0.175
HORZ SPREAD: 1.830
VERT SPREAD: 1.303
GROUP SPREAD: 1.883
MIN RADIUS: 0.376
MAX RADIUS: 1.039
MEAN RADIUS: 0.723

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.504	-0.643
2:	0.832	0.258
3:	0.446	0.398
4:	0.150	-0.187
5:	-0.250	-0.590
6:	-0.480	-0.427
7:	-0.998	-0.184
8:	-0.881	0.193
9:	-0.760	0.660
10:	-0.310	0.551



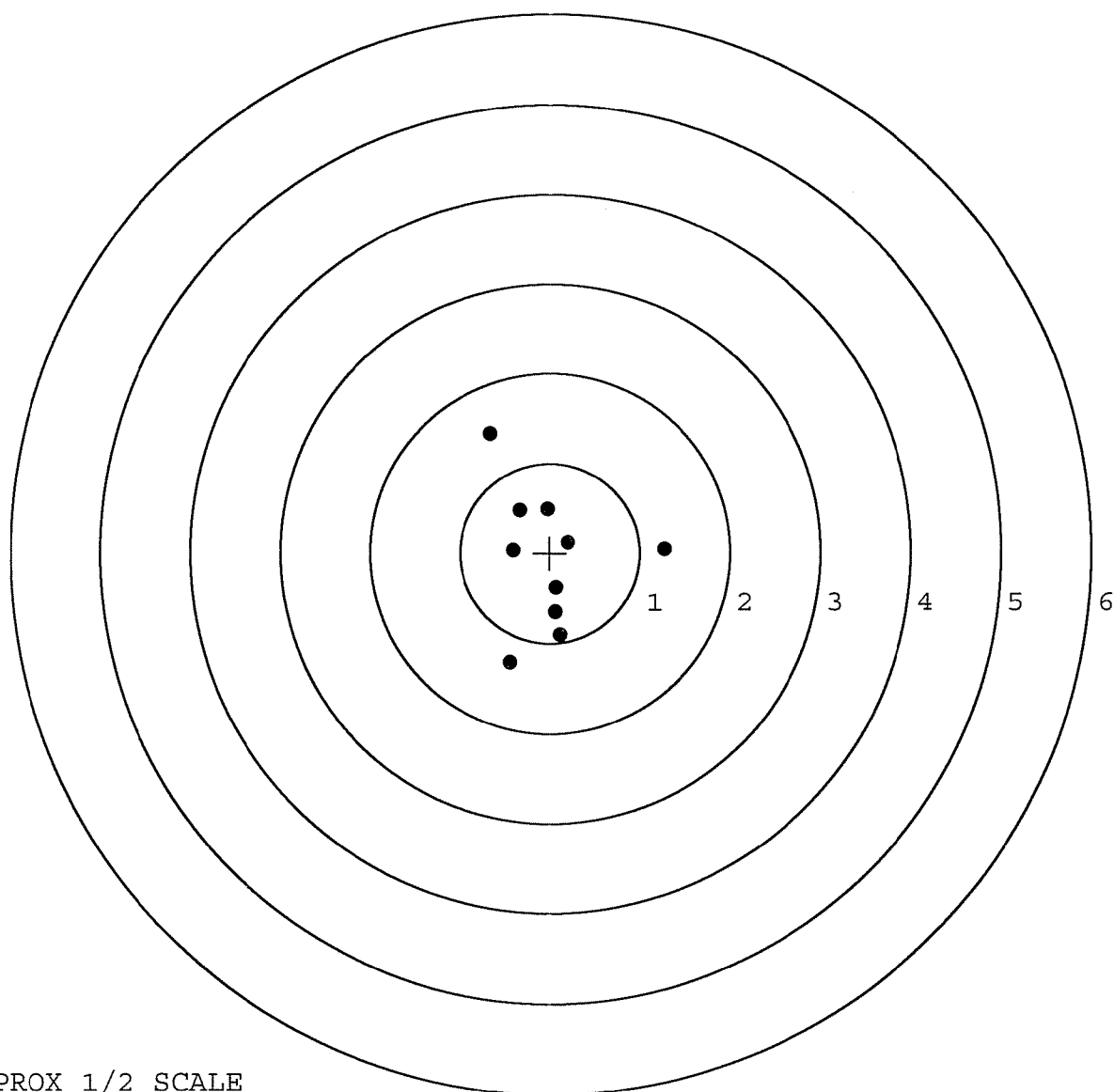
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6523447. __0
TARGET NUMBER: 2
FILE DATE: 09/15/2003
FILE TIME: 09:35

X CENTROID: -0.016
Y CENTROID: -0.071
POA TO CENTROID: 0.073
HORZ SPREAD: 1.944
VERT SPREAD: 2.549
GROUP SPREAD: 2.560
MIN RADIUS: 0.287
MAX RADIUS: 1.548
MEAN RADIUS: 0.775

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.272	0.043
2:	-0.440	-1.218
3:	0.120	-0.918
4:	0.066	-0.666
5:	0.069	-0.393
6:	-0.413	0.027
7:	0.201	0.116
8:	-0.334	0.475
9:	-0.033	0.493
10:	-0.672	1.331

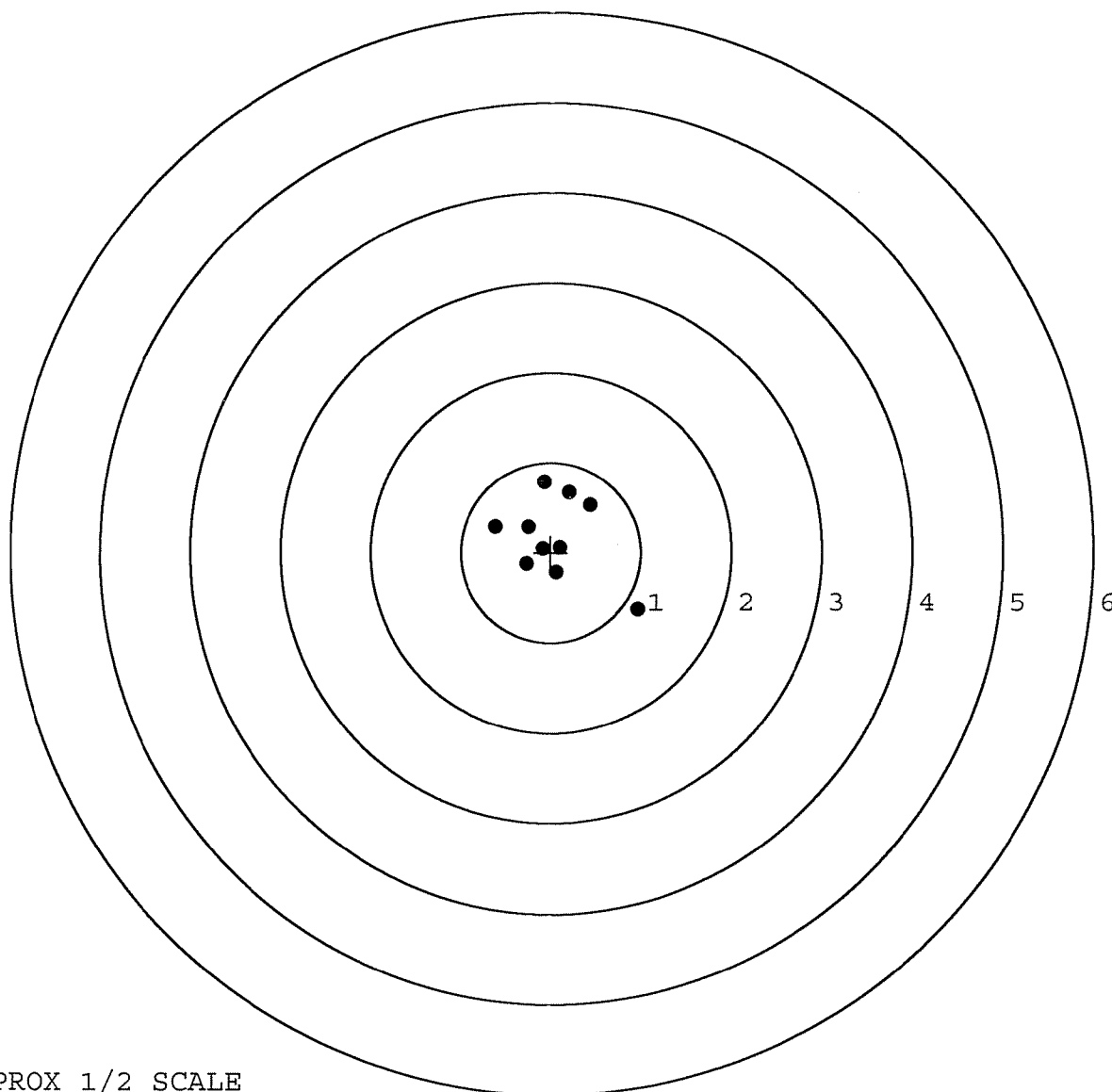


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6523447.____0
TARGET NUMBER: 3
FILE DATE: 09/15/2003
FILE TIME: 09:35

X CENTROID: 0.048
Y CENTROID: 0.167
POA TO CENTROID: 0.174
HORZ SPREAD: 1.582
VERT SPREAD: 1.422
GROUP SPREAD: 1.832
MIN RADIUS: 0.121
MAX RADIUS: 1.221
MEAN RADIUS: 0.504
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.967	-0.637
2:	0.445	0.531
3:	0.201	0.672
4:	-0.076	0.785
5:	-0.615	0.286
6:	-0.252	0.285
7:	-0.273	-0.127
8:	-0.087	0.045
9:	0.101	0.059
10:	0.066	-0.226

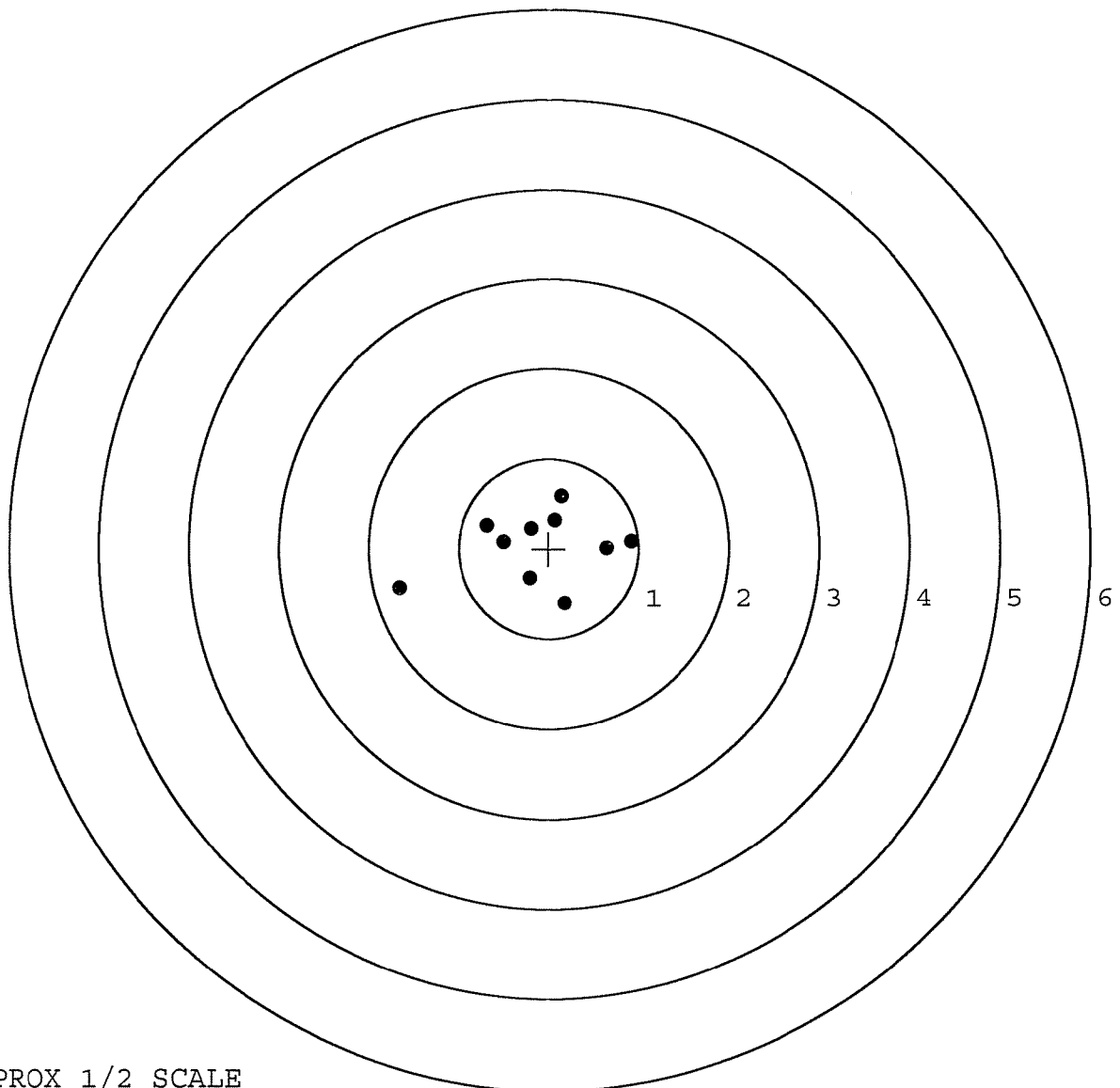


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6523447. __0
 TARGET NUMBER: 4
 FILE DATE: 09/15/2003
 FILE TIME: 09:35

X CENTROID: -0.129
 Y CENTROID: 0.018
 POA TO CENTROID: 0.131
 HORZ SPREAD: 2.583
 VERT SPREAD: 1.194
 GROUP SPREAD: 2.636
 MIN RADIUS: 0.219
 MAX RADIUS: 1.597
 MEAN RADIUS: 0.668
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.924	0.085
2:	0.648	0.013
3:	0.185	-0.609
4:	-0.213	-0.333
5:	-1.659	-0.443
6:	0.140	0.585
7:	0.069	0.320
8:	-0.199	0.225
9:	-0.502	0.077
10:	-0.687	0.256

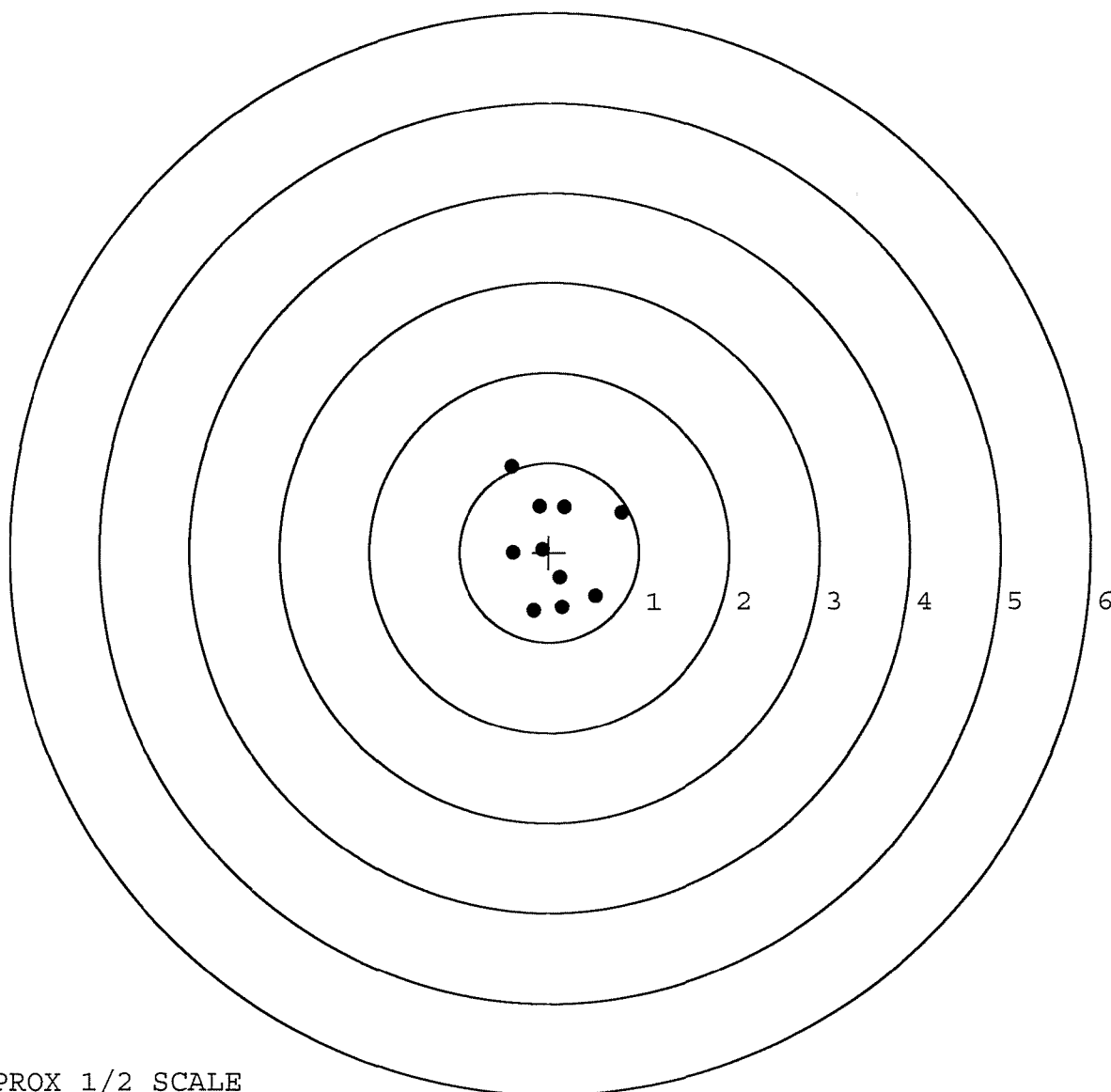


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6523447.___0
 TARGET NUMBER: 5
 FILE DATE: 09/15/2003
 FILE TIME: 09:35

X CENTROID: 0.058
 Y CENTROID: 0.039
 POA TO CENTROID: 0.070
 HORZ SPREAD: 1.235
 VERT SPREAD: 1.614
 GROUP SPREAD: 1.729
 MIN RADIUS: 0.138
 MAX RADIUS: 1.038
 MEAN RADIUS: 0.590
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.811	0.443
2:	0.521	-0.490
3:	-0.424	0.958
4:	0.168	0.504
5:	-0.113	0.511
6:	-0.079	0.028
7:	-0.405	-0.010
8:	0.121	-0.283
9:	0.150	-0.614
10:	-0.168	-0.656



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	069392		
SERIAL NUMBER	C6523447		
LOG-IN DATE	9-2-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-2-03	RW
560 A	RE-BARREL	9-4-03	RTL
B	DRILL AND TAP	9-5-03	TRW
575	ASSEMBLE	9-4-03	RTL
600	PROOF	9-4-03	AC
605	CHECK HEADSPACE	9-4-03	AC
610	DIS-ASSEMBLE GUN	9-5-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	9-5-03	RTL
618	ROTO-BLAST	9-10-03	JAB
620	APPLY COATINGS	9-12	TA
625 A	FINAL ASSEMBLY	9-12-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-15-03	TRW
655	FINAL INSPECT	9-18-03	RTL
660	PACK	9-24-03	TA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523447.___0

FILE DATE AND TIME: 05/04/2009 11:34

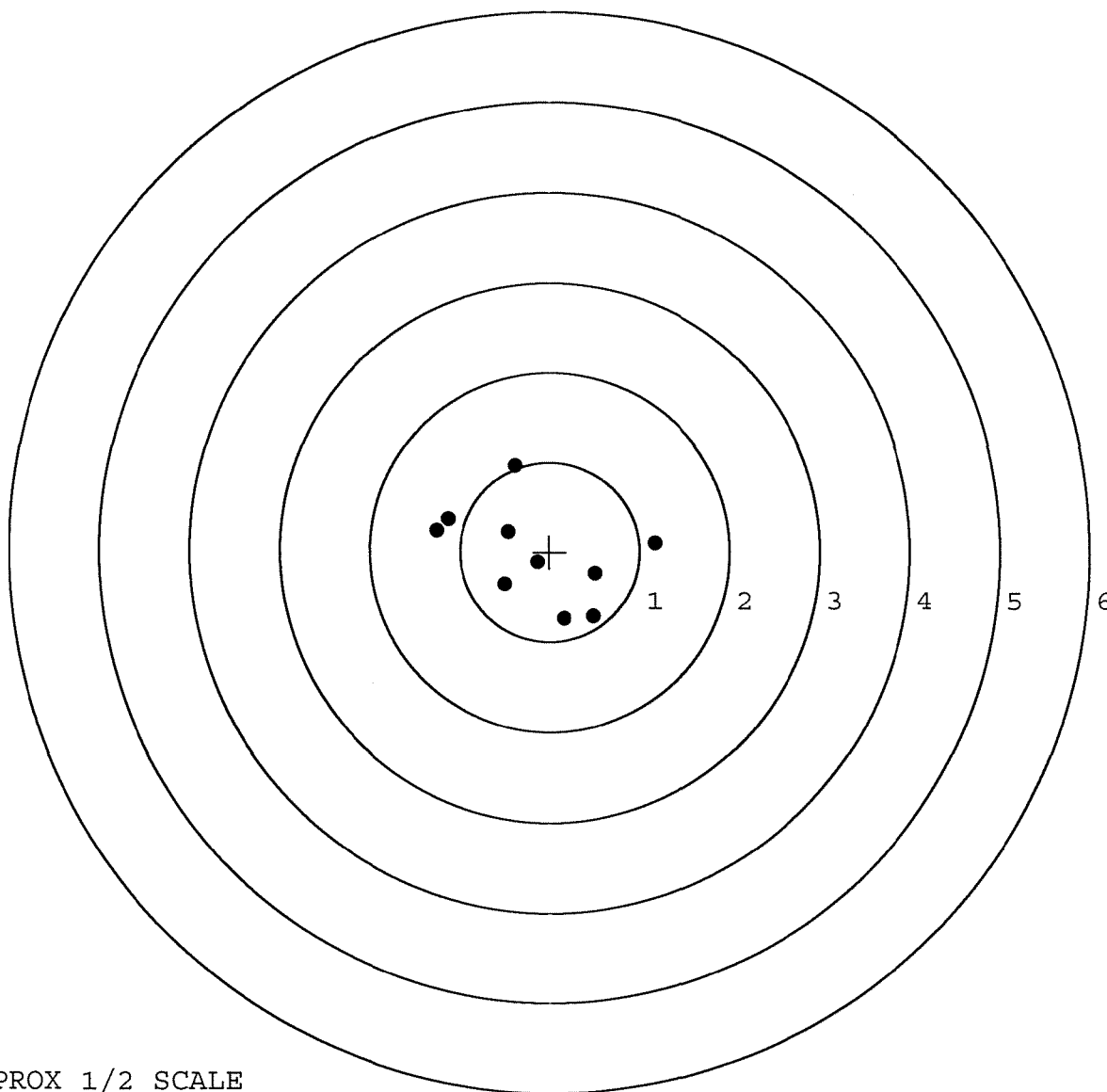
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.024
The Average Y Centroid of the Five Target Set:	0.039
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	0.565
The Distance from POA to Centroid Target #1:	0.157
The Distance from Centroid Target #2 to Centroid Target #1:	0.291
The Distance from Centroid Target #3 to Centroid Target #1:	0.190
The Distance from Centroid Target #4 to Centroid Target #1:	0.443
The Distance from Centroid Target #5 to Centroid Target #1:	0.095

SERIAL NUMBER: C6523447. __0
TARGET NUMBER: 1
FILE DATE: 05/04/2009
FILE TIME: 11:34

X CENTROID: -0.154
Y CENTROID: -0.032
POA TO CENTROID: 0.157
HORZ SPREAD: 2.424
VERT SPREAD: 1.709
GROUP SPREAD: 2.428
MIN RADIUS: 0.084
MAX RADIUS: 1.327
MEAN RADIUS: 0.793
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.500	-0.365
2:	-0.135	-0.114
3:	0.162	-0.749
4:	0.492	-0.722
5:	1.167	0.094
6:	-0.463	0.221
7:	-0.385	0.960
8:	-1.133	0.360
9:	-1.257	0.239
10:	0.512	-0.245

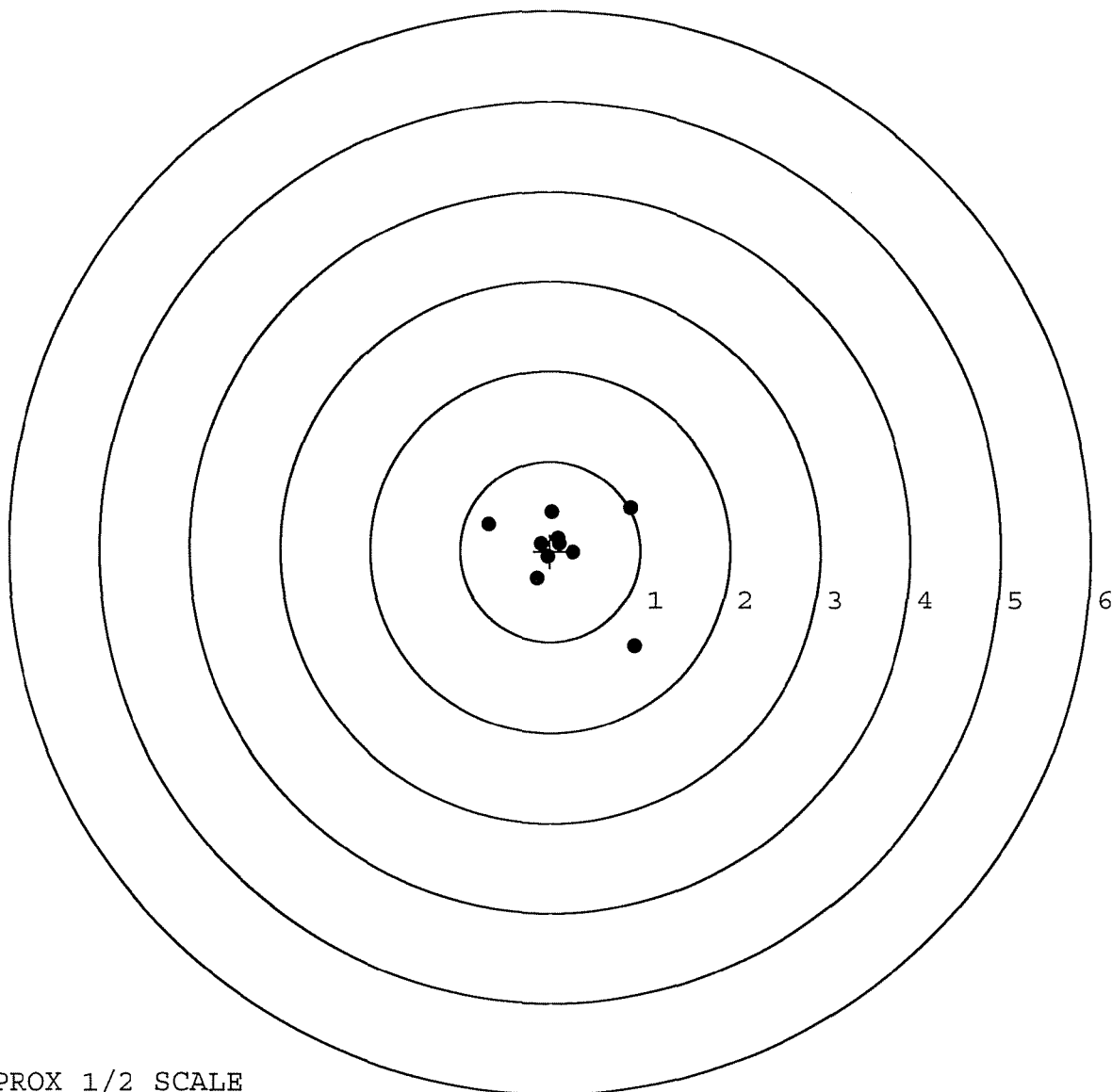


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447. __0
TARGET NUMBER: 2
FILE DATE: 05/04/2009
FILE TIME: 11:34

X CENTROID: 0.134
Y CENTROID: 0.008
POA TO CENTROID: 0.134
HORZ SPREAD: 1.620
VERT SPREAD: 1.532
GROUP SPREAD: 2.108
MIN RADIUS: 0.081
MAX RADIUS: 1.332
MEAN RADIUS: 0.473
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.150	-0.305
2:	-0.028	-0.061
3:	-0.105	0.084
4:	0.257	-0.020
5:	0.093	0.143
6:	0.020	0.439
7:	-0.682	0.295
8:	0.894	0.478
9:	0.938	-1.054
10:	0.104	0.083

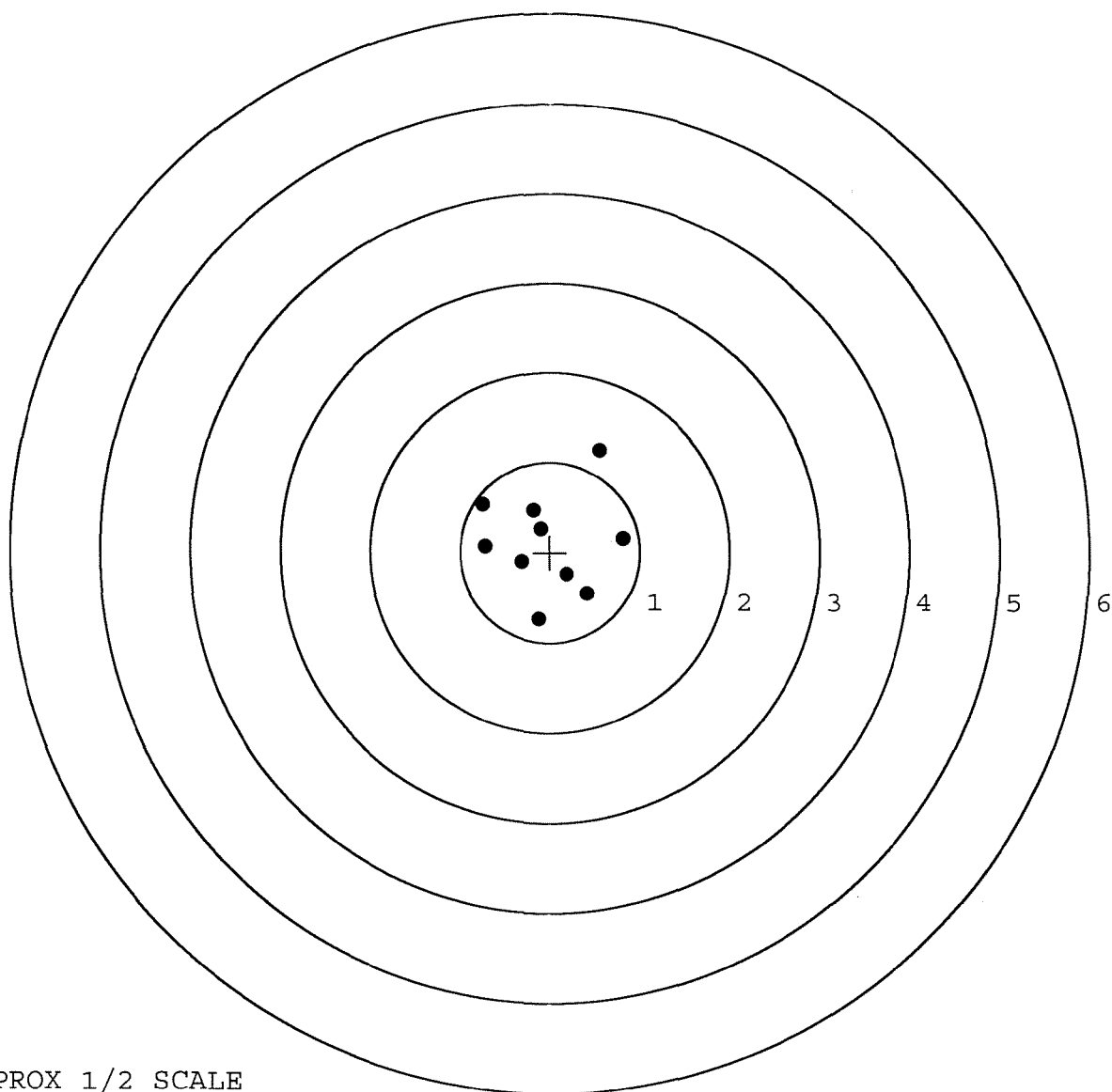


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447. 0
TARGET NUMBER: 3
FILE DATE: 05/04/2009
FILE TIME: 11:34

X CENTROID: -0.022
Y CENTROID: 0.104
POA TO CENTROID: 0.107
HORZ SPREAD: 1.564
VERT SPREAD: 1.874
GROUP SPREAD: 1.996
MIN RADIUS: 0.175
MAX RADIUS: 1.183
MEAN RADIUS: 0.647
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.124	-0.742
2:	0.189	-0.242
3:	0.415	-0.454
4:	0.814	0.153
5:	0.563	1.132
6:	-0.105	0.259
7:	-0.182	0.462
8:	-0.750	0.526
9:	-0.724	0.060
10:	-0.319	-0.111

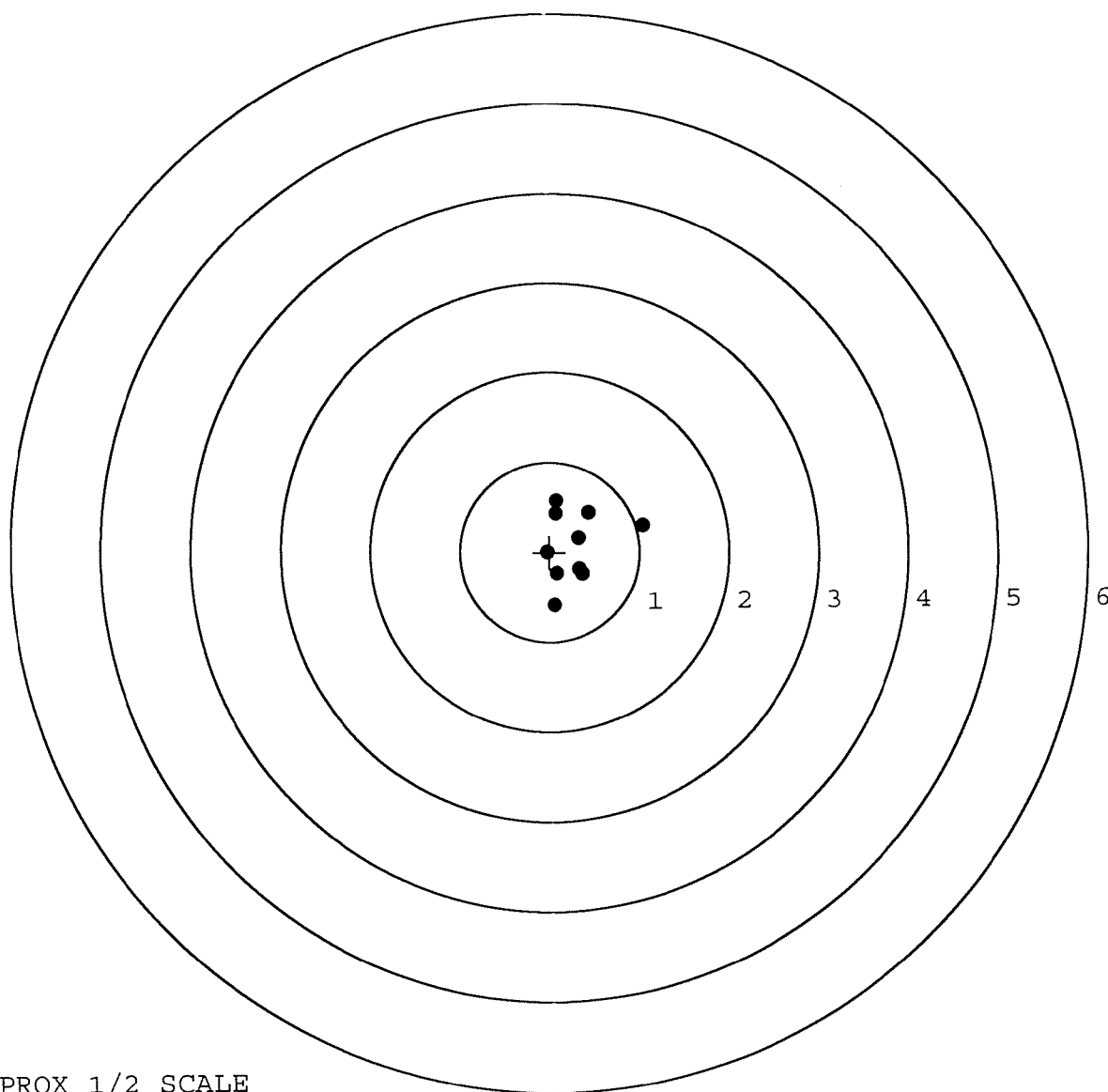


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447. __0
TARGET NUMBER: 4
FILE DATE: 05/04/2009
FILE TIME: 11:34

X CENTROID: 0.279
Y CENTROID: 0.061
POA TO CENTROID: 0.286
HORZ SPREAD: 1.068
VERT SPREAD: 1.170
GROUP SPREAD: 1.326
MIN RADIUS: 0.109
MAX RADIUS: 0.793
MEAN RADIUS: 0.422
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.054	-0.600
2:	0.372	-0.245
3:	0.339	-0.191
4:	-0.029	0.005
5:	1.039	0.287
6:	0.077	0.429
7:	0.086	0.570
8:	0.332	0.156
9:	0.081	-0.239
10:	0.443	0.435



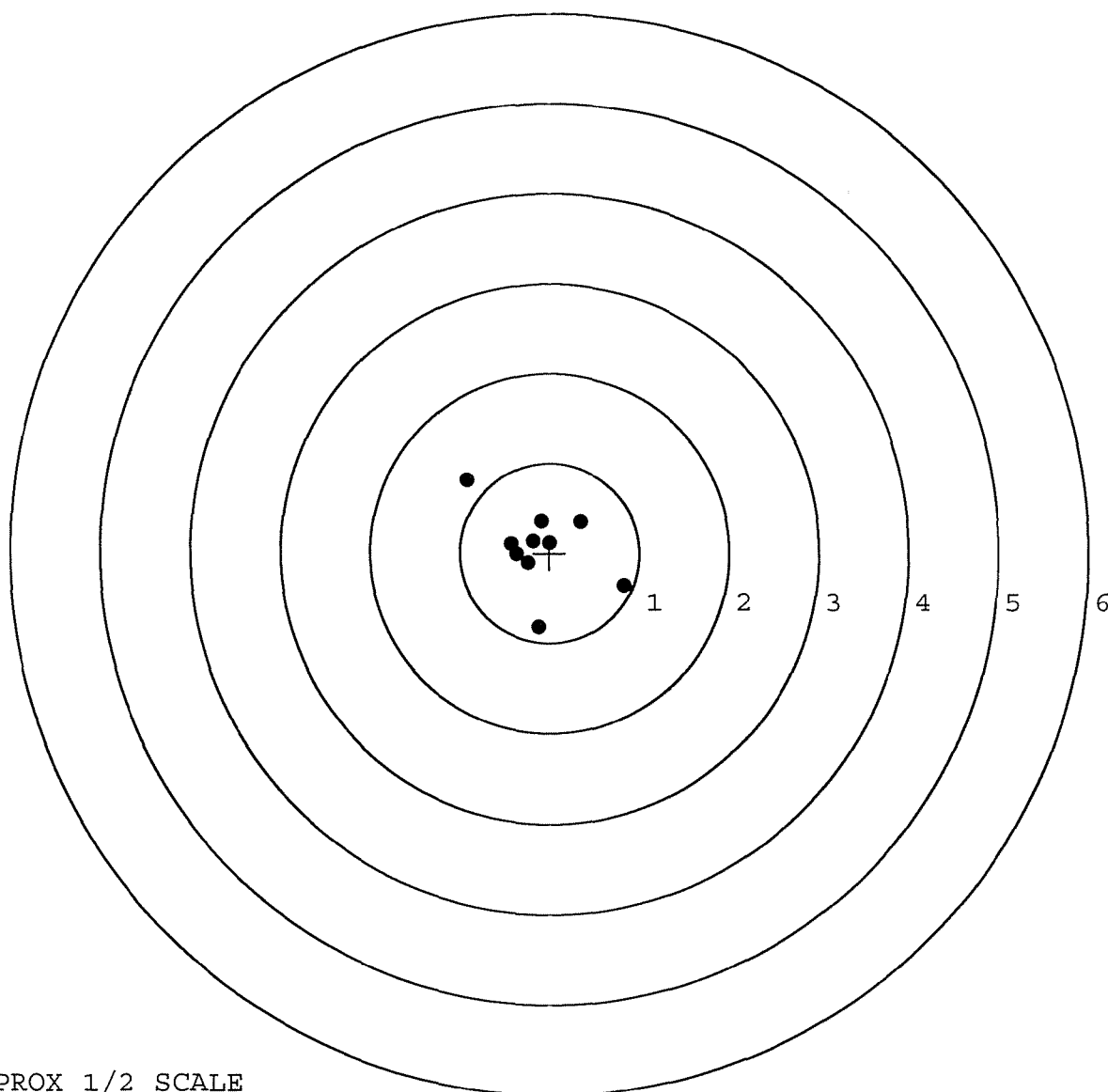
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523447. 0
TARGET NUMBER: 5
FILE DATE: 05/04/2009
FILE TIME: 11:34

X CENTROID: -0.118
Y CENTROID: 0.056
POA TO CENTROID: 0.130
HORZ SPREAD: 1.758
VERT SPREAD: 1.642
GROUP SPREAD: 2.114
MIN RADIUS: 0.106
MAX RADIUS: 1.106
MEAN RADIUS: 0.492

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.121	-0.832
2:	0.832	-0.364
3:	0.354	0.351
4:	-0.089	0.354
5:	-0.926	0.810
6:	0.005	0.116
7:	-0.186	0.137
8:	-0.431	0.107
9:	-0.372	-0.010
10:	-0.242	-0.111



TARGET APPROX 1/2 SCALE

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

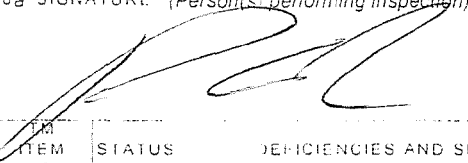
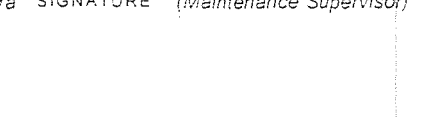
R & E NUMBER	<u>166300</u>			
SERIAL NUMBER	<u>C6523447</u>			
LOG-IN DATE	<u>4-15-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-20-09	RTZ
505	RE-BARREL	4-21-09	RTZ
420	ASSEMBLE	4-21-09	RTZ
440	PROOF	4-21-09	WV
460	CHECK HEADSPACE	4-21-09	WV
470	DIS-ASSEMBLE GUN	4-21-09	RTZ
480	MAGNAFLUX	4-21-09	①
510	DRILL AND TAP	4-21-09	SP
500	ROLLMARK CALIBER	4-27-09	RT
520	GOFF BLAST BBL / REC	4/28	WV
530 & 540	APPLY COATINGS	4-30	WV
560	FINAL ASSEMBLY	5-1-09	RTZ
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-6-09	WV
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.74 2.74 2.72 2.77 2.80 5-4-09 WV	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 4.0 4.0 4.0 5-6-09 WV	
	G) SAFETY OFF FORCE	2 LBS MIN 4.0 4.0 4.0 5-6-09 WV	
	I) FIRING PIN INDENT	.020 .021 .022 .021 5-6-09 WV	
690	PACK	5/28/09	FM

F006 REV 1/2009

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751, the proponent agency is DCSLOG

1 ORGANIZATION HHC 5/20		2 NOMENCLATURE AND MODEL M24 SWS			
3 REGISTRATION/SERIAL/NSN 6523447	4a MILES —	b HOURS —	c ROUNDS FIRED 9101	d HOT STARTS —	5 DATE 9 DEC 2008
6 TYPE INSPECTION PMCS					
7 APPLICABLE REFERENCE					
TM NUMBER 9-1005-306-10		TM DATE June 1989		TM NUMBER	
TM DATE					
COLUMN a Enter TM item number.			COLUMN d Show corrective action for deficiency or shortcoming listed in Column c.		
COLUMN b Enter the applicable condition status symbol.			COLUMN e Individual ascertaining completed corrective action initial in this column.		
COLUMN c Enter deficiencies and shortcomings.					
STATUS SYMBOLS					
"X" - Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X" Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "(-)" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWC has not been accomplished.			DIAGONAL "(/)" Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists. FOR AIRCRAFT - Status symbols will be recorded in red.		
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.					
8a SIGNATURE (Person(s) performing inspection)		8b TIME	9a SIGNATURE (Maintenance Supervisor)		9b TIME
		 3 DEC 2008			10 MANHOURS REQUIRED
TM ITEM NO a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
23	/	Front Iron sight mount broke			
—	X	Rund Cant exceeds 6,000 Rifle cannot hold 100m zero			

DA FORM 2404, APR 1979

Replaces edition of 1 Jan 64, which will be used

APD PE 41 19

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400028348

Line A
Items Received
except NO soft
CASE

HAND RECEIPT/ANNEX NUMBER For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.		FROM: HHC 5-20th IN, Commander		TO:		HAND RECEIPT NUMBER	
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER 1005-01-240-2136	END ITEM DESCRIPTION M24 SWS/ 1005-01-240-2136	PUBLICATION NUMBER TM 9-1005-306-10		PUBLICATION DATE JUNE 1989	QUANTITY 50	
STOCK NUMBER a.		ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	g. QUANTITY A B C D E F
R95387 1005-01-240-2136	Rifle 7.62mm: Sniper M24 SN:C6523447				EA	1	1
1005-01-260-2662	System Case				EA	1	1
1005-01-260-2663	Foam, Top				EA	1	1
1005-01-260-2664	Foam, Bottom				EA	1	1
1005-01-262-2818	Soft Rifle Carrying Case				EA	1	1 NO FM
1005-01-714-1245	Sling, Small Arms				EA	1	/
1005-01-260-2665	Bipod				EA	1	1
1005-01-260-2647	Deployment Case				EA	1	1
1005-01-260-2636	Firing Pin Assembly				EA	1	1
1005-01-260-2656	Front Guard Screw				EA	1	/
1005-01-260-2655	Rear Guard Screw				EA	1	/
1005-01-260-2654	Front Sight Base Screw				EA	1	/
1005-01-260-2641	Swivel Screw				EA	1	/
1005-01-260-2640	Swivel Sling				EA	1	/
1005-01-260-2637	Front Sight Insert Kit				EA	1	/
1005-01-260-2653	Rear Sight Base Screw				EA	1	/
* WHEN USED AS A: HAND RECEIPT, enter Hand Receipt Annex Number HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).							

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH	g. QUANTITY					
						A	B	C	D	E	F
1005-01-260-2657	Trigger Pull Adj. Screw			EA	1	/					
1005-00-494-6602	Brush, Cleaning Small			EA	1	/					
5120-00-969-0071	Socket, 3/8" drive hex bit 5/23"			EA	1	/					
5120-00-198-5401	.050" Key, Socket Head Screw			EA	1	/					
5120-00198-5398	1/16" Key, Socket Head Screw			EA	1	/					
5120-00-224-2504	5/64" Key, Socket Head Screw			EA	1	/					
5120-00-42-7410	3/32" Key, Socket Head Screw			EA	1	/					
5120-00-889-2162	7/64" Key, Socket Head Screw			EA	1	/					
5120-00-240-5292	1/8" Key, Socket Head Screw			EA	1	/					
5120-00-198-5392	5/32" Key Socket Head Screw			EA	1	/					
5120-00-832-6223	T-Handle Combo Wrench			EA	1	1					
1005-01-260-2648	Day Optic Sight Widage Dial			EA	1	1					
1005-01-260-2649	Day Optic Sight Elevation Dial			EA	1	1					
1005-01-262-2817	Day Optic Sight Focus Dial			EA	1	/					
1005-01-260-2642	Day Optic Sight Adj. Dial Dust			EA	1	/					
1005-01-260-2650	Day Optic Sight Ring Screws			EA	1	/					
1005-01-260-2651	Day Optic Sight Base Screw Front			EA	1	/					
1005-01-260-2652	Day Optic Sight Base Screw Rear			EA	1	/					
1005-01-260-2643	Day Optic Sight Dust Cover, Front			EA	1	/					
1005-01-260-2644	Day Optic Sight Dust Cover, Rear			EA	1	/					
1005-00-690-8441	Brush, Chamber			EA	1	/					

STOCK NUMBER a.	ITEM DESCRIPTION b.	*	SEC	UI	QTY AUTH f.	g. QUANTITY					
						A	B	C	D	E	F
1005-00-690-8441	Brush, Chamber			EA	1	/					
1005-00-556-4174	Brush, Bore			EA	1	/					
9510-00-889-3522	Oil Bottle			EA	1	/					
1005-01-260-2639	Magazine Spring			EA	1	/					
1005-01-260-2638	Magazine Follower			EA	1	/					
5120-00-227-6702	Socket, Socket Wrench 1/2"			EA	1	1					
1005-01-260-2645	T-Handle Torque Wrench 1/2"			EA	1	1					
5120-00-228-9506	Wrench, Box and Open 1/2"			EA	1	/					
5305-00-717-6928	Rear Sight Base Plug Screw			EA	1	/					
1005-01-260-2660	SunShade			EA	1	1					
1005-00-288-3565	Swabs Cleaning Small Arms			EA	1	/					
	Cleaning Rod Kit			EA	1	/					
	Lens Cleaning Kit			EA	1	/					
1005-01-260-2666	Day Optic Sight Case			EA	1	1					

Remington[®] **DU PONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM H24

SERIAL NO.
C6523447

ORDER NO.
5716

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

01



5716 C6523447

UPC



0 47700 25716 7

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18358

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN *SCOPE 90-1066*

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6523447 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL
36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN AMMO FUNCTION FINISH ACCURACY FIT INSPECT

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Trigger Assy \$173.71
Scope Rep 119.43
Clean/Insp/Rep 50.00
343.14

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400028354

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523447

DATE _____

TESTER PW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.60	2.59	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.53	2.40	
PULL #3	2.52	2.53	2.42	
PULL #4	2.54	2.56	2.45	
PULL #5	2.58	2.57	2.56	
TOTAL	12.73	12.78	12.28	
AVG.	2.55	2.56	2.46	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.16		
PULL #2	3.22	3.17		
PULL #3	3.31	3.04		
PULL #4	3.36	3.33		
PULL #5	3.33	3.25		
TOTAL	16.25	15.95		
AVG.	3.25	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.02		4.12
PULL #2	4.22	4.12		4.06
PULL #3	4.22	4.03		4.13
PULL #4	4.23	4.19		4.23
PULL #5	4.26	4.07		4.06
TOTAL	21.14	20.43		20.60
AVG.	4.23	4.09		4.12

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6573447

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			12/5	WB
	G) Safety Off Force	3	3	3			12/5	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.42	2.41	2.54	2.49	2.40	12/5	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523447

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	W.S.
617	Drill and Tap Sight Holes		9/28/90	WB
618	Polish Barrel RW		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/11/90	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			10/12/90	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			10/12/90	WB
	H) Trigger Pull Test & Retainability						10/11/90	AM
	I) Firing Pin Indent	.022	.0225	.022			10/12/90	WB
	J) Assemble Stock						10/12/90	RW
	K) Assemble Swivel Studs						11-20-90	928
	L) Attach Front and Rear Sight Assemblies						10/12/90	RW
	M) Iron Sight Alignment						10/12/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/12/90	RW
	O) Attach Scope to Rifle						10/15/90	RW
	P) Detach & Attach Scope 20 Times						10/15/90	RW
640	Gallery Target & Test						10/14/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						10/16/90	NF
655	Final Inspection							
	A) Headspace						11/20/90	928
	B) Trigger Pull	250	251	240	233	232	11-20-90	928
	C) Function						11-20-90	928
660	Pack						12/19/90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO C6523447
DATE 10-11-90
TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.39	2.30	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.26	2.25	2.51	
PULL #3	2.33	2.32	2.38	2.40	
PULL #4	2.32	2.33	2.20	2.33	
PULL #5	2.35	2.34	2.38	2.32	
TOTAL	11.6	11.64	11.51		
AVG.	2.32	2.328	2.302		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.30		
PULL #2	3.47	3.14		
PULL #3	3.30	3.19		
PULL #4	3.32	3.14		
PULL #5	3.28	3.18		
TOTAL	16.75	15.87		
AVG.	3.35	3.174		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.20		4.25
PULL #2	4.39	4.25		4.27
PULL #3	4.49	4.30		4.16
PULL #4	4.33	4.25		4.40
PULL #5	4.26	4.31		4.17
TOTAL	21.58	21.31		21.25
AVG.	4.316	4.262		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523447
17 Oct 1990

CENTROIDAL DISTANCES

0	TO	1	.383344
1	TO	2	.428053
1	TO	3	.296243
1	TO	4	.473245
1	TO	5	.242495

1/2* <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1914
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 4.163340000000E-18
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1914

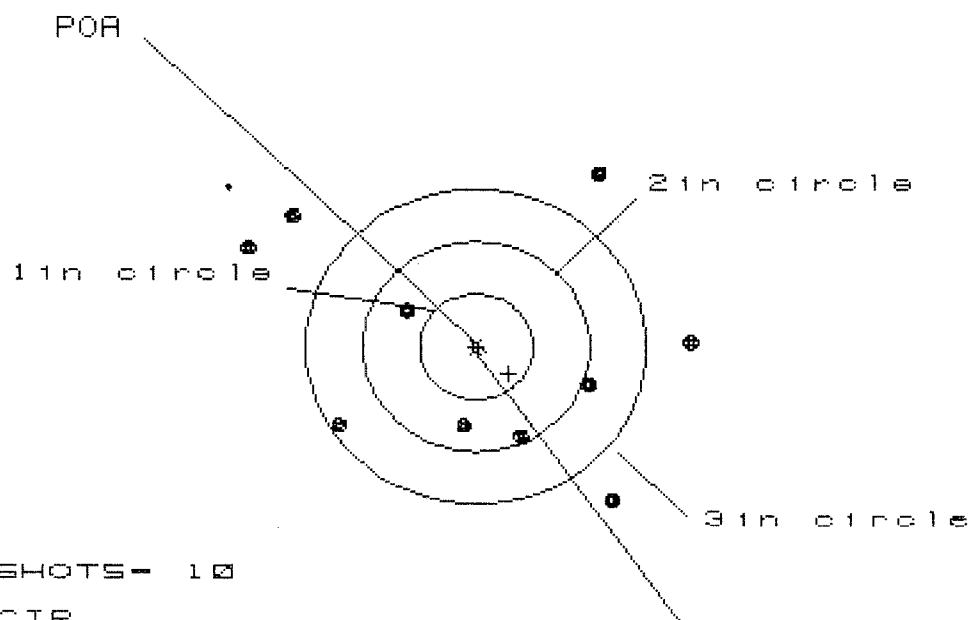
THE AMR FOR THIS RIFLE IS: 1.013

17 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523447

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 5

HS= 3.885

VS= 3.894

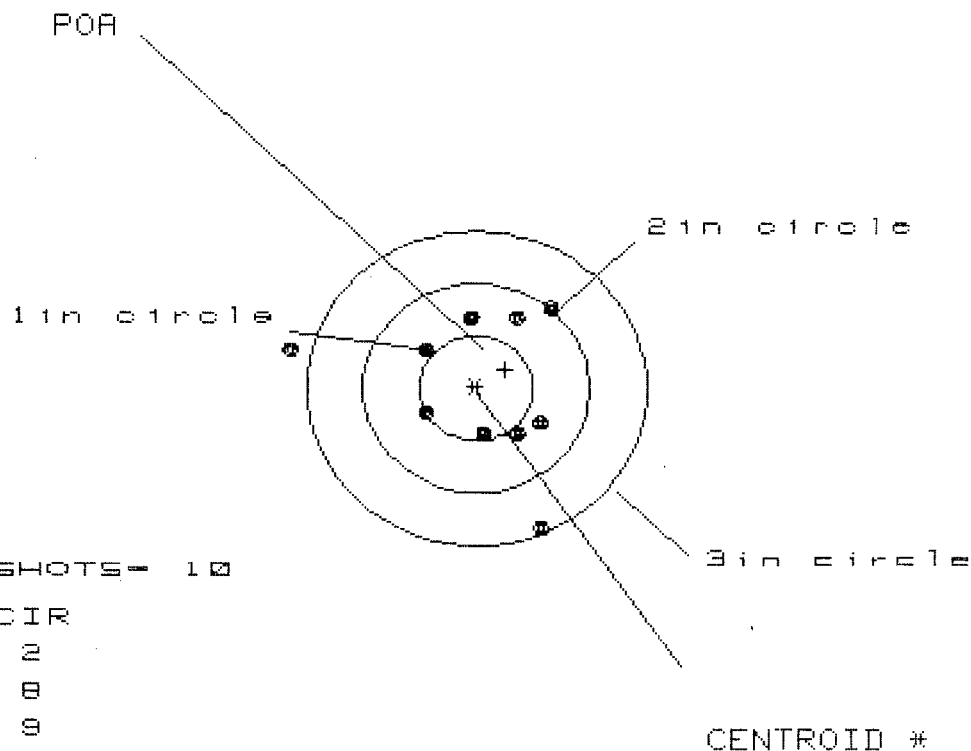
GS= 4.040

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.862	1.637	1.411
MINIMUM X	:	-2.023	-1.815	-1.668
MAXIMUM Y	:	1.599	1.704	1.875
MINIMUM Y	:	-1.495	-1.390	-1.219
CENTROID X	:	-.288	-.063	.164
CENTROID Y	:	.253	.148	-.023
POA TO CENTROID in.	:	.384	.161	.165
MIN RADIUS	:	.683	.690	.527
MEAN RADIUS	:	1.476	1.360	1.196
MAX RADIUS	:	2.236	2.272	1.976
HORIZONTAL SPREAD	:	3.885	3.452	3.079
VERTICAL SPREAD	:	3.894	3.894	3.894
EXTREME SPREAD	:	4.040	3.916	3.259
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	5		

17 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523447

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.263

VS= 2.048

GS= 2.752

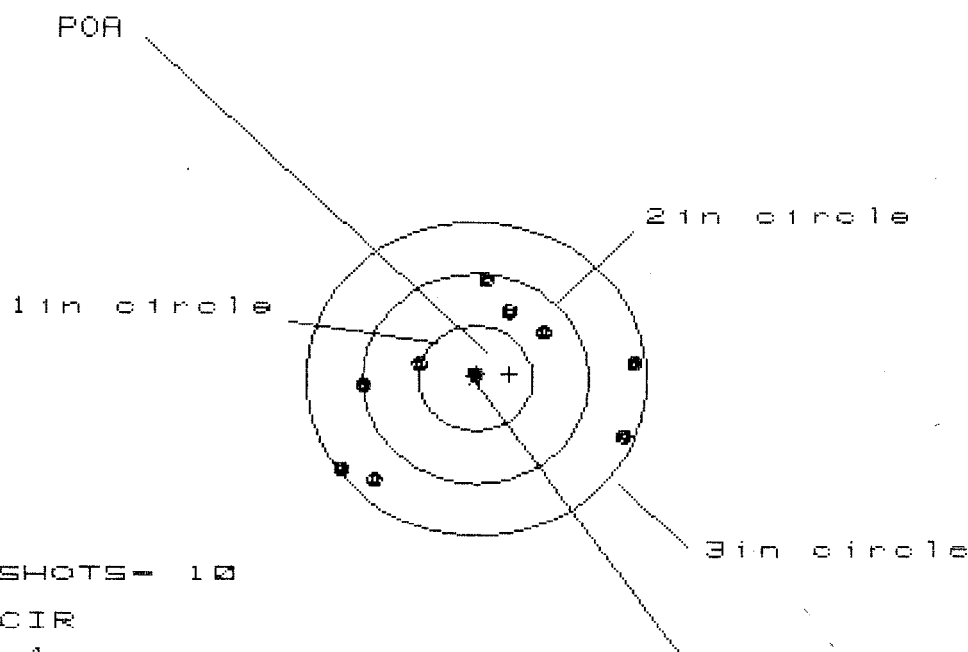
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.646	.466	.508
MINIMUM X	:	-1.617	-.597	-.555
MAXIMUM Y	:	.732	.778	.620
MINIMUM Y	:	-1.316	-1.270	-.580
CENTROID X	:	-.258	-.078	-.120
CENTROID Y	:	-.174	-.220	-.062
POA TO CENTROID in.	:	.311	.234	.135
MIN RADIUS	:	.467	.447	.553
MEAN RADIUS	:	.823	.715	.634
MAX RADIUS	:	1.670	1.314	.801
HORIZONTAL SPREAD	:	2.263	1.063	1.063
VERTICAL SPREAD	:	2.048	2.048	1.199
EXTREME SPREAD	:	2.752	2.052	1.448
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.593

VS= 1.916

GS= 2.791

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.429	1.300	1.309
MINIMUM X	:	-1.164	-1.173	-1.011
MAXIMUM Y	:	.973	.873	.876
MINIMUM Y	:	-.943	-1.043	-1.040
CENTROID X	:	-.300	-.171	-.333
CENTROID Y	:	-.043	.057	.054
POA TO CENTROID in.	:	.303	.180	.337
MIN RADIUS	:	.009	.173	.105
MEAN RADIUS	:	.961	.900	.830
MAX RADIUS	:	1.474	1.480	1.445
HORIZONTAL SPREAD	:	2.593	2.473	2.320
VERTICAL SPREAD	:	1.916	1.916	1.916
EXTREME SPREAD	:	2.791	2.582	2.373
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 10

HS= 2.215

VS= 2.882

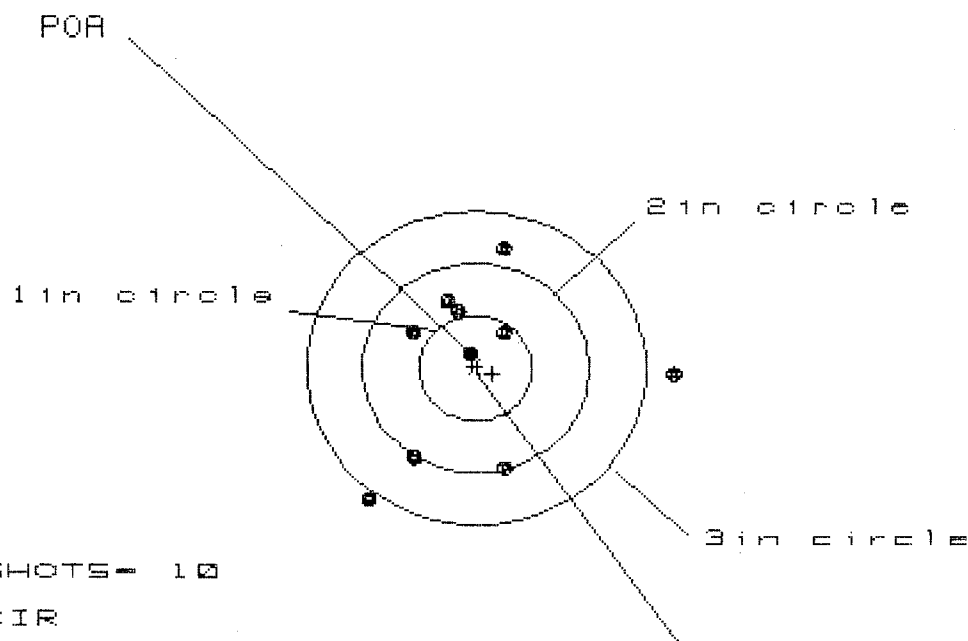
GS= 2.923

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.952	.986	.967
MINIMUM X	:	-1.263	-1.229	-1.248
MAXIMUM Y	:	1.445	1.286	.788
MINIMUM Y	:	-1.437	-1.359	-1.199
CENTROID X	:	.037	.003	.022
CENTROID Y	:	-.091	.068	-.092
POA TO CENTROID in.	:	.099	.068	.095
MIN RADIUS	:	.154	.170	.166
MEAN RADIUS	:	.923	.858	.789
MAX RADIUS	:	1.468	1.391	1.250
HORIZONTAL SPREAD	:	2.215	2.215	2.215
VERTICAL SPREAD	:	2.882	2.645	1.987
EXTREME SPREAD	:	2.923	2.649	2.335
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.636

VS= 2.421

GS= 2.889

CENTROID *

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.729	.471	.381
MINIMUM X	:	-.908	-.715	-.481
MAXIMUM Y	:	1.156	1.147	.988
MINIMUM Y	:	-1.265	-1.274	-1.084
CENTROID X	:	-.148	-.341	-.251
CENTROID Y	:	.055	.064	.223
POA TO CENTROID in.	:	.158	.347	.336
MIN RADIUS	:	.164	.193	.043
MEAN RADIUS	:	.882	.772	.627
MAX RADIUS	:	1.730	1.461	1.127
HORIZONTAL SPREAD	:	2.636	1.186	.862
VERTICAL SPREAD	:	2.421	2.421	2.072
EXTREME SPREAD	:	2.889	2.696	2.130
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	