G 686 3587
Replaces
G 653 5195

07/22/09 10:28:09

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: RE00171684
Verify Repair

Serial: G6535195 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 7/22/2009 8:48:24 AM

Address Information

Customer:	Received From	Return To:	Received From
Name:	TRANSPORTATION OFFICER	TRANSPORTATION OFFICER	
Address 1:	USPFO FOR ARKANSAS BLDG 0318	USPFO FOR ARKANSAS BLDG 0318	
Address 2:	CAMP ROBINSON PO Box:	CAMP ROBINSON PO Box:	
City:	NORTH LITTLE ROCK	NORTH LITTLE ROCK	
State:	AR Zip Code: 72199 Country: US	State: AR Zip Code: 72199 Country: US	

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
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

nagleij 7/22/2009 10:28 AM CAPS NUM INS SCRL

start Arms Services Repair... 10:28 AM

G6863587

~~G6535195~~

Model: M24 SWS

RE00171684

M-24

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER 171684

SERIAL NUMBER ~~G653595~~ G686358?

LOG-IN DATE 7-22-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-27-09	RTL
505	RE-BARREL		7-28-09	RTL
420	ASSEMBLE		7-28-09	RTL
440	PROOF		7-28-09	LRD
460	CHECK HEADSPACE		7-28-09	LRD
470	DIS-ASSEMBLE GUN		7-28-09	LRD
480	MAGNAFLUX	MAGNA-FLUX 2009 OPERATOR (N)	7/31/09	(N)
510	DRILL AND TAP		7-29-09	SP
500	ROLLMARK CALIBER		7-31-09	DWS
520	GOFF BLAST BBL / REC		7/31/09	MH
530 & 540	APPLY COATINGS		8/4	C
560	FINAL ASSEMBLY		8-6-09	RTL
640	FUNCTION TEST AND	(PASS) FAIL	8-18-09	RP
650	TARGET	(PASS) FAIL	8-18-09	RP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	8-18-09	LRD
670	FINAL INSPECTION			
	A) HEADSPACE	(PASS) FAIL	8-19-09	RTL
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.7 2.69 2.67 2.84 2.83	8-19-09	RTL
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5° 5° 5°	8-19-09	RTL
	G) SAFETY OFF FORCE (2 LBS MIN)	2° 2° 2°	8-19-09	RTL
	I) FIRING PIN INDENT (.020)	.024 .024 .024	8-19-09	RTL
690	PACK		8/19/09	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	2. NOMENCLATURE AND MODEL
NGMTU	SNIPER WEAPON SYSTEM M-24

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
G6535195			10,000		27/03/09	

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	JUNE 1989		

COLUMN a – Enter TM item number.
COLUMN b – Enter the applicable condition status symbol.
COLUMN c – Enter deficiencies and shortcomings.
COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN e – Individual ascertaining completed corrective action initial in this column.

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 MWO 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	10. MANHOURS REQUIRED

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1		BARREL SHOT OUT		

DA FORM 2404, APR 1979 — Replaces edition of 1 Jan 64, which will be used — APD PE v1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863587.__0
FILE DATE AND TIME: 08/19/2009 05:48

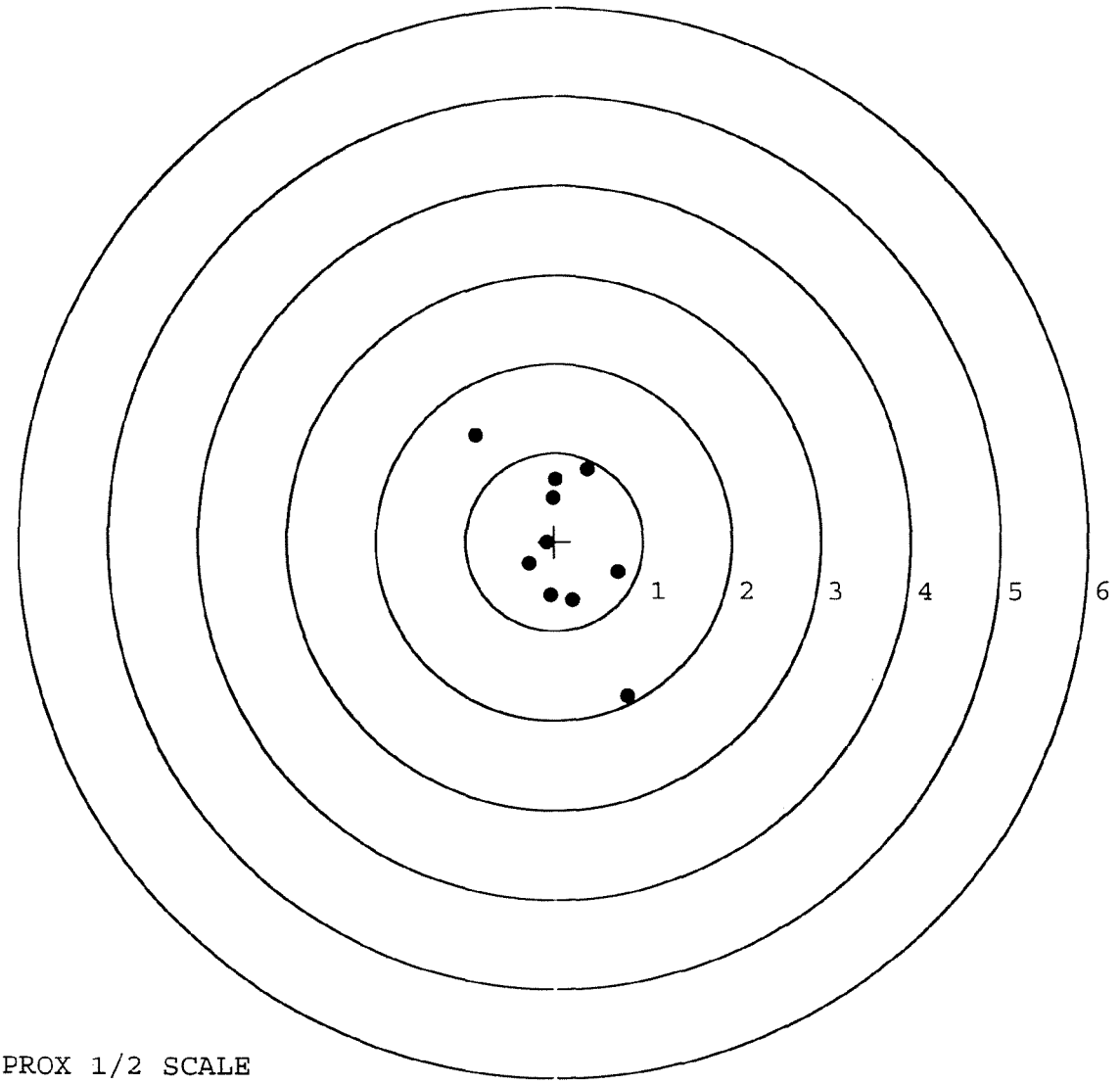
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.047
The Average Y Centroid of the Five Target Set:	0.091
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.871
The Distance from POA to Centroid Target #1:	0.088
The Distance from Centroid Target #2 to Centroid Target #1:	0.236
The Distance from Centroid Target #3 to Centroid Target #1:	0.172
The Distance from Centroid Target #4 to Centroid Target #1:	0.361
The Distance from Centroid Target #5 to Centroid Target #1:	0.419

SERIAL NUMBER: G6863587.__0
TARGET NUMBER: 1
FILE DATE: 08/19/2009
FILE TIME: 05:48

X CENTROID:	0.079
Y CENTROID:	-0.040
POA TO CENTROID:	0.088
HORZ SPREAD:	1.704
VERT SPREAD:	2.932
GROUP SPREAD:	3.391
MIN RADIUS:	0.172
MAX RADIUS:	1.851
MEAN RADIUS:	0.815
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.881	1.197
2:	0.373	0.818
3:	0.007	0.700
4:	-0.023	0.499
5:	-0.091	-0.010
6:	0.718	-0.346
7:	0.823	-1.735
8:	0.204	-0.665
9:	-0.049	-0.610
10:	-0.293	-0.249

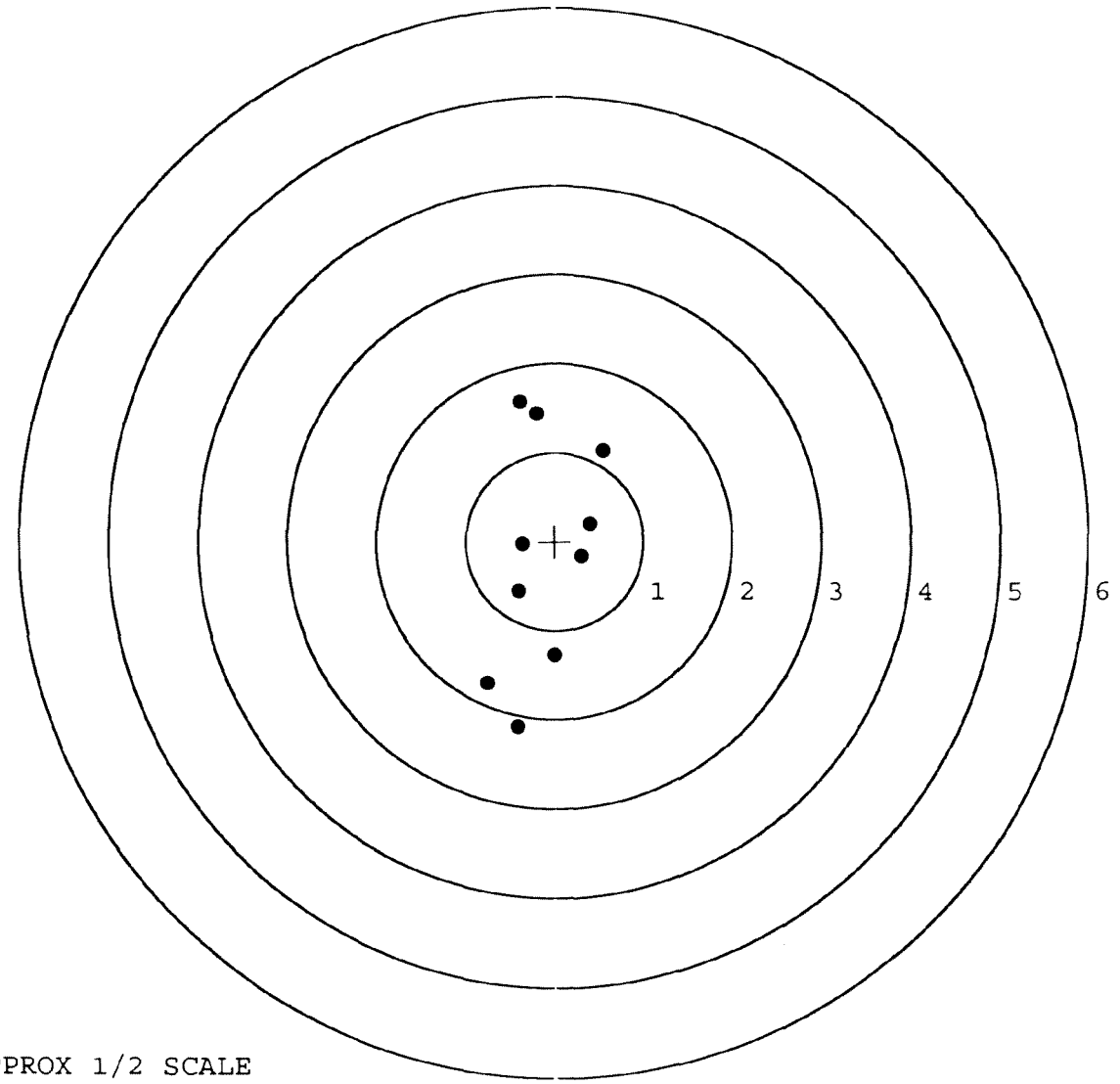


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863587.__0
TARGET NUMBER: 2
FILE DATE: 08/19/2009
FILE TIME: 05:48

X CENTROID:	-0.131
Y CENTROID:	-0.149
POA TO CENTROID:	0.198
HORZ SPREAD:	1.306
VERT SPREAD:	3.659
GROUP SPREAD:	3.659
MIN RADIUS:	0.259
MAX RADIUS:	1.961
MEAN RADIUS:	1.119
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	-0.398	1.571
2:	-0.209	1.435
3:	0.550	1.026
4:	0.400	0.201
5:	0.304	-0.163
6:	-0.362	-0.033
7:	-0.413	-0.557
8:	-0.003	-1.285
9:	-0.756	-1.597
10:	-0.421	-2.088

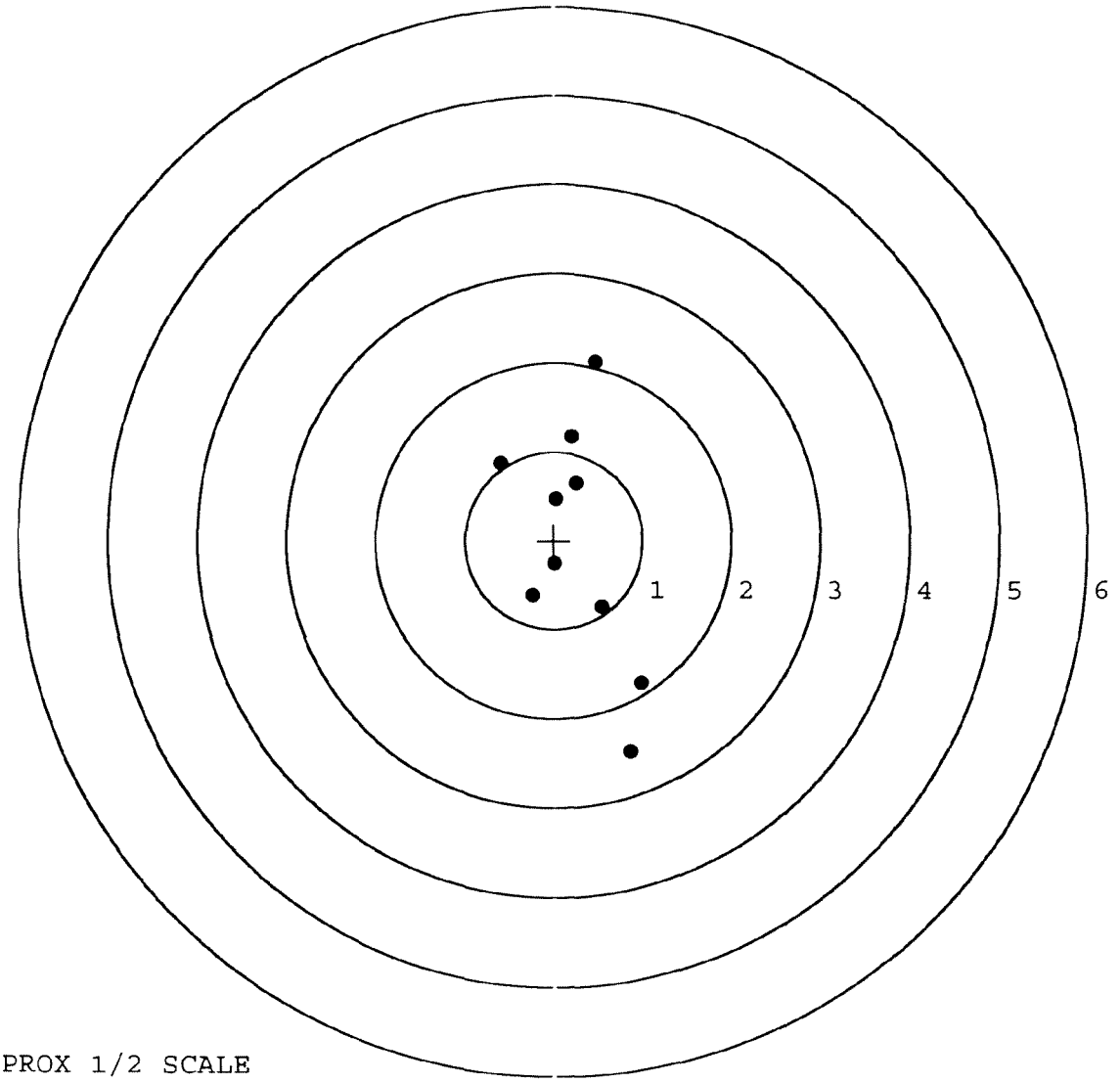


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863587.__0
TARGET NUMBER: 3
FILE DATE: 08/19/2009
FILE TIME: 05:48

X CENTROID:	0.251
Y CENTROID:	-0.043
POA TO CENTROID:	0.254
HORZ SPREAD:	1.582
VERT SPREAD:	4.375
GROUP SPREAD:	4.393
MIN RADIUS:	0.329
MAX RADIUS:	2.405
MEAN RADIUS:	1.177
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.865	-2.368
2:	0.986	-1.601
3:	0.541	-0.751
4:	-0.245	-0.624
5:	0.007	-0.264
6:	0.473	2.007
7:	0.205	1.173
8:	0.247	0.649
9:	0.023	0.471
10:	-0.596	0.879

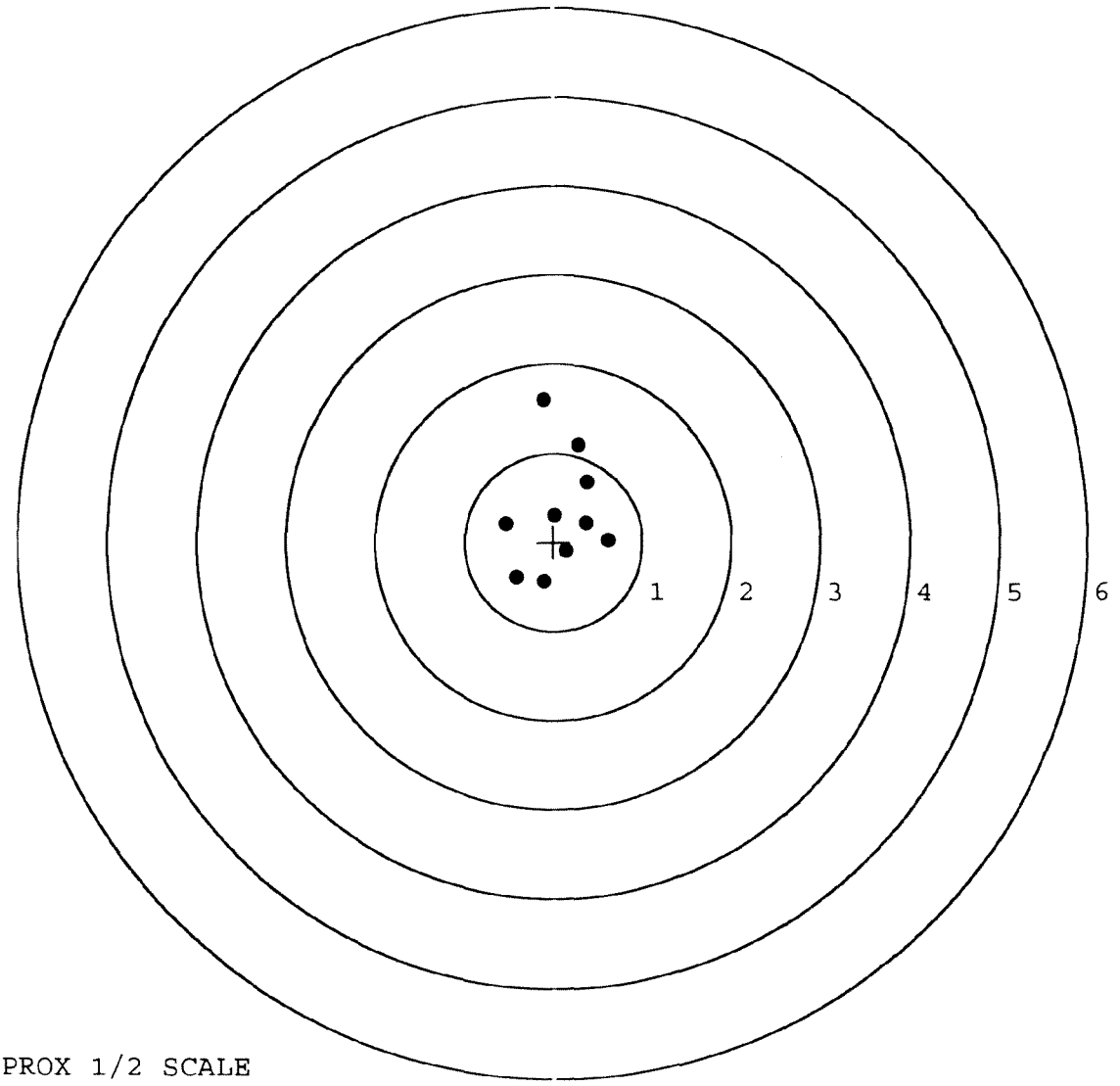


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863587.__0
TARGET NUMBER: 4
FILE DATE: 08/19/2009
FILE TIME: 05:48

X CENTROID:	0.060
Y CENTROID:	0.320
POA TO CENTROID:	0.326
HORZ SPREAD:	1.161
VERT SPREAD:	2.040
GROUP SPREAD:	2.040
MIN RADIUS:	0.052
MAX RADIUS:	1.291
MEAN RADIUS:	0.627
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.545	0.212
2:	-0.423	-0.394
3:	-0.107	-0.441
4:	0.010	0.304
5:	0.142	-0.101
6:	0.616	0.022
7:	0.364	0.218
8:	0.377	0.683
9:	0.281	1.098
10:	-0.115	1.599

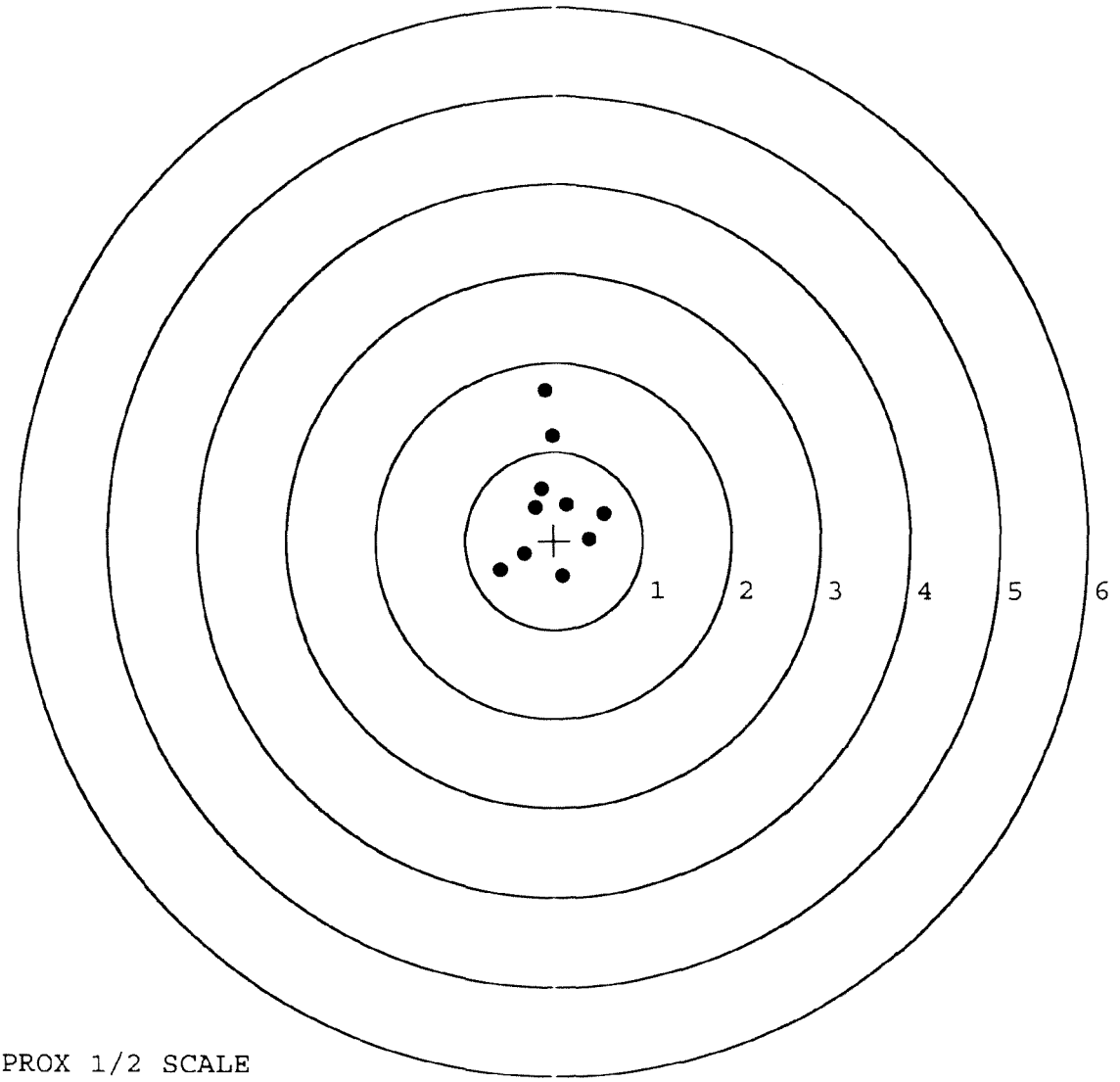


TARGET APPROX 1/2 SCALE

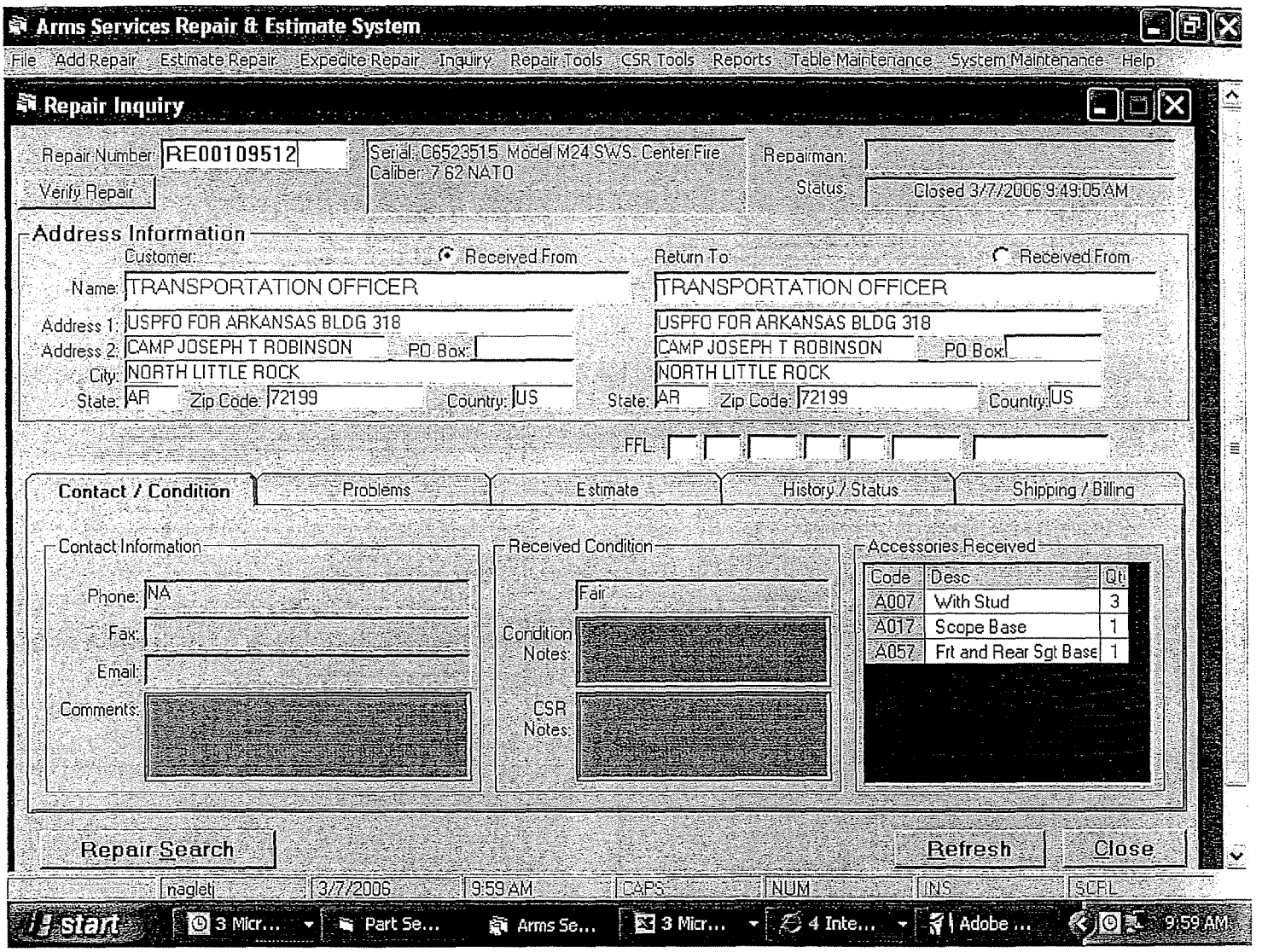
SERIAL NUMBER: G6863587.__0
TARGET NUMBER: 5
FILE DATE: 08/19/2009
FILE TIME: 05:48

X CENTROID:	-0.024
Y CENTROID:	0.366
POA TO CENTROID:	0.367
HORZ SPREAD:	1.166
VERT SPREAD:	2.092
GROUP SPREAD:	2.102
MIN RADIUS:	0.165
MAX RADIUS:	1.324
MEAN RADIUS:	0.616
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.602	-0.332
2:	-0.337	-0.151
3:	0.096	-0.405
4:	-0.109	1.687
5:	-0.021	1.174
6:	-0.148	0.581
7:	-0.216	0.367
8:	0.136	0.406
9:	0.564	0.313
10:	0.395	0.022



TARGET APPROX 1/2 SCALE



C6535195 (Nw)

C6523515

Model: M24 SWS

RE00109512

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 3-24-06

TESTER DRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.41	2.54		2.79	
PULL #2	2.28	2.89		2.77	
PULL #3	2.35	2.78		2.91	
PULL #4	2.47	2.75		2.71	
PULL #5	2.49	2.76		2.73	
TOTAL	12.00	13.72		13.91	
AVERAGE	2.40	2.74		2.78	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.54	3.29		
PULL #2	3.20	3.27		
PULL #3	3.27	3.26		
PULL #4	3.28	3.27		
PULL #5	3.23	3.26		
TOTAL	16.52	16.35		
AVERAGE	3.30	3.27		

	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	4.52	3.95		4.25
PULL #2	4.14	4.00		4.29
PULL #3	4.16	4.03		4.48
PULL #4	4.27	4.08		4.45
PULL #5	4.30	4.10		4.02
TOTAL	21.39	20.16		21.49
AVERAGE	4.27	4.03		4.29

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535195.__0
FILE DATE AND TIME: 03/28/2006 17:22

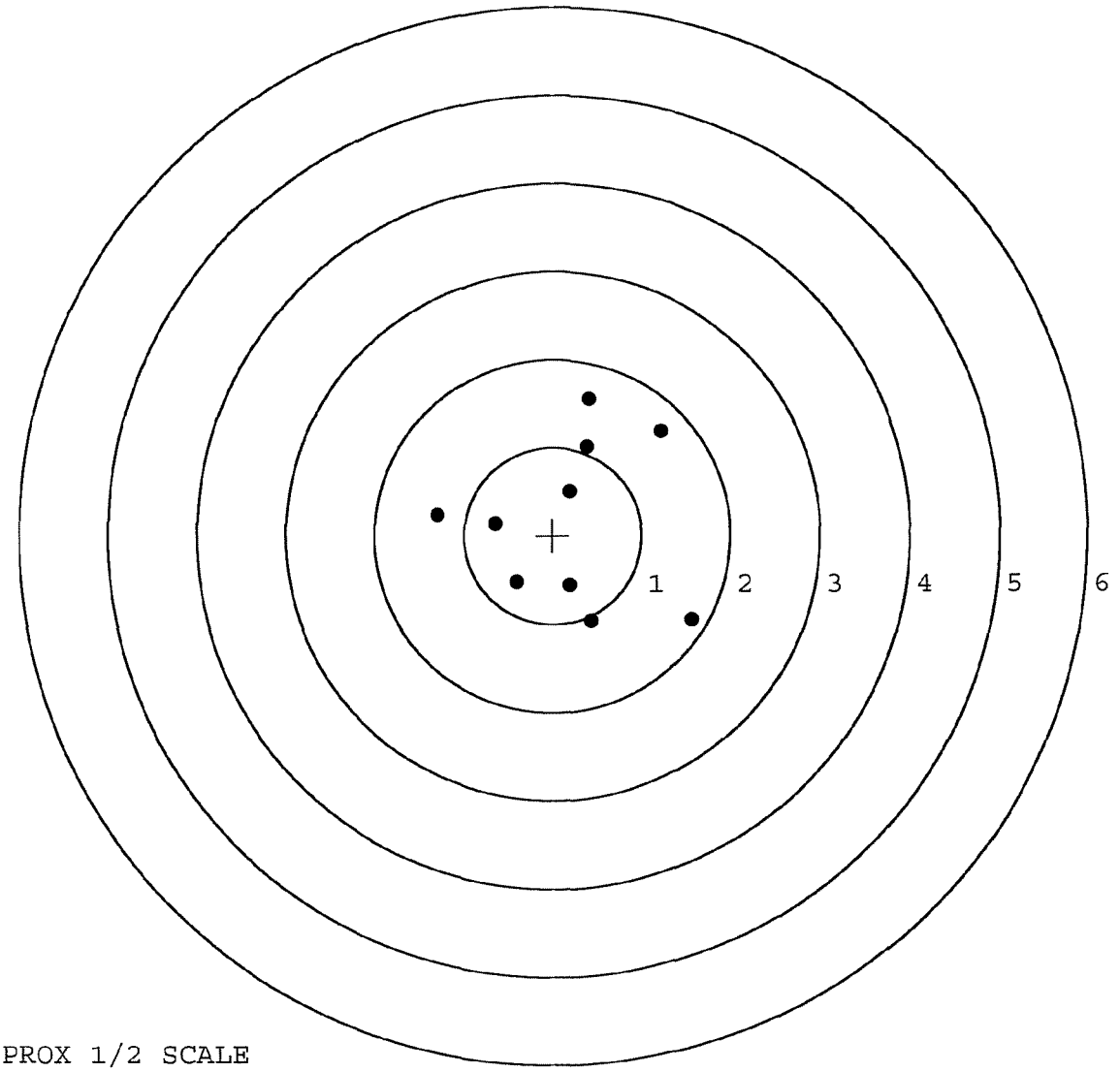
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	0.111
The Average Point of Impact of the Five Target Set:	0.123
The Average Mean Radius of the Five Target Set:	1.060
The Distance from POA to Centroid Target #1:	0.259
The Distance from Centroid Target #2 to Centroid Target #1:	0.382
The Distance from Centroid Target #3 to Centroid Target #1:	0.317
The Distance from Centroid Target #4 to Centroid Target #1:	0.523
The Distance from Centroid Target #5 to Centroid Target #1:	0.682

SERIAL NUMBER: G6535195.__0
TARGET NUMBER: 1
FILE DATE: 03/28/2006
FILE TIME: 17:22

X CENTROID:	0.204
Y CENTROID:	0.159
POA TO CENTROID:	0.259
HORZ SPREAD:	2.861
VERT SPREAD:	2.518
GROUP SPREAD:	3.098
MIN RADIUS:	0.342
MAX RADIUS:	1.757
MEAN RADIUS:	1.097
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.564	-0.954
2:	0.427	-0.967
3:	0.189	-0.563
4:	-0.410	-0.532
5:	-0.649	0.138
6:	-1.297	0.234
7:	0.190	0.501
8:	0.392	1.010
9:	1.224	1.175
10:	0.413	1.551

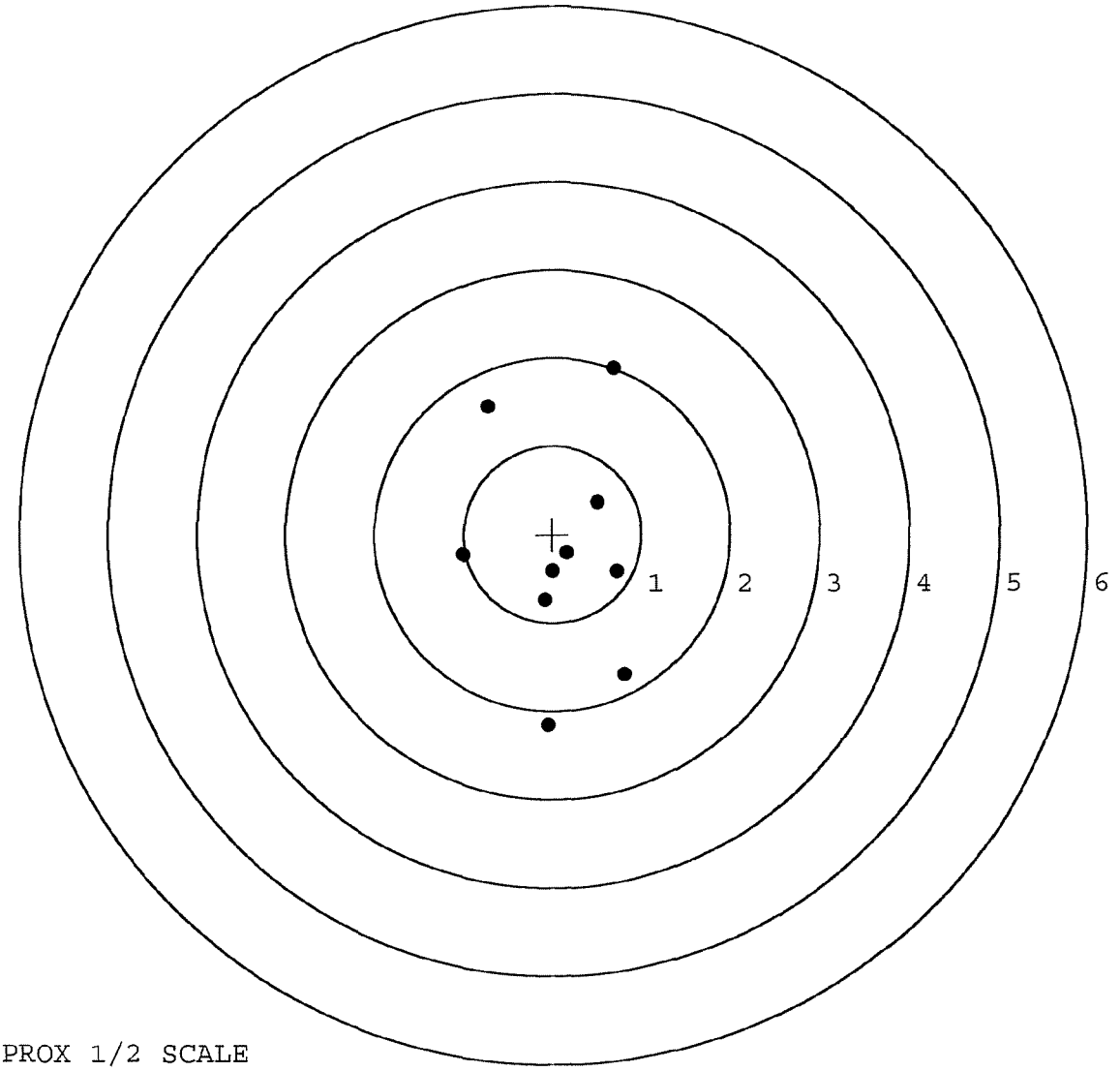


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535195.__0
TARGET NUMBER: 2
FILE DATE: 03/28/2006
FILE TIME: 17:22

X CENTROID:	0.101
Y CENTROID:	-0.208
POA TO CENTROID:	0.232
HORZ SPREAD:	1.811
VERT SPREAD:	4.057
GROUP SPREAD:	4.124
MIN RADIUS:	0.062
MAX RADIUS:	2.174
MEAN RADIUS:	1.088
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	0.808	-1.588
2:	-0.055	-2.172
3:	0.720	-0.414
4:	-0.089	-0.752
5:	0.001	-0.419
6:	0.163	-0.210
7:	0.501	0.369
8:	-1.003	-0.233
9:	-0.727	1.449
10:	0.688	1.885

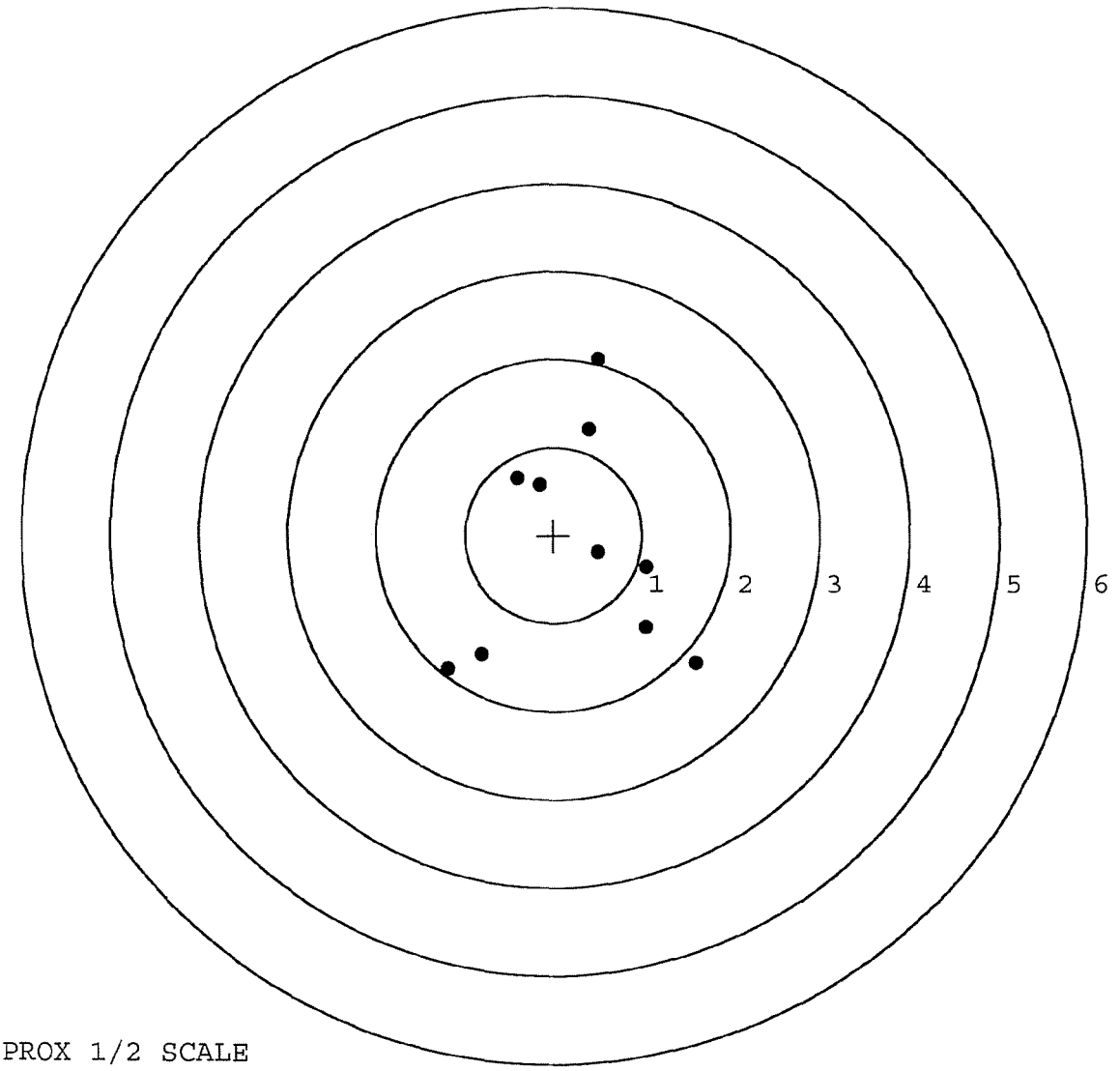


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535195.__0
TARGET NUMBER: 3
FILE DATE: 03/28/2006
FILE TIME: 17:22

X CENTROID:	0.255
Y CENTROID:	-0.154
POA TO CENTROID:	0.297
HORZ SPREAD:	2.796
VERT SPREAD:	3.516
GROUP SPREAD:	3.895
MIN RADIUS:	0.254
MAX RADIUS:	2.162
MEAN RADIUS:	1.315
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	3
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	1.615	-1.456
2:	1.047	-1.050
3:	1.051	-0.361
4:	0.505	-0.196
5:	-0.806	-1.364
6:	-1.181	-1.521
7:	-0.166	0.568
8:	-0.414	0.648
9:	0.399	1.202
10:	0.495	1.995

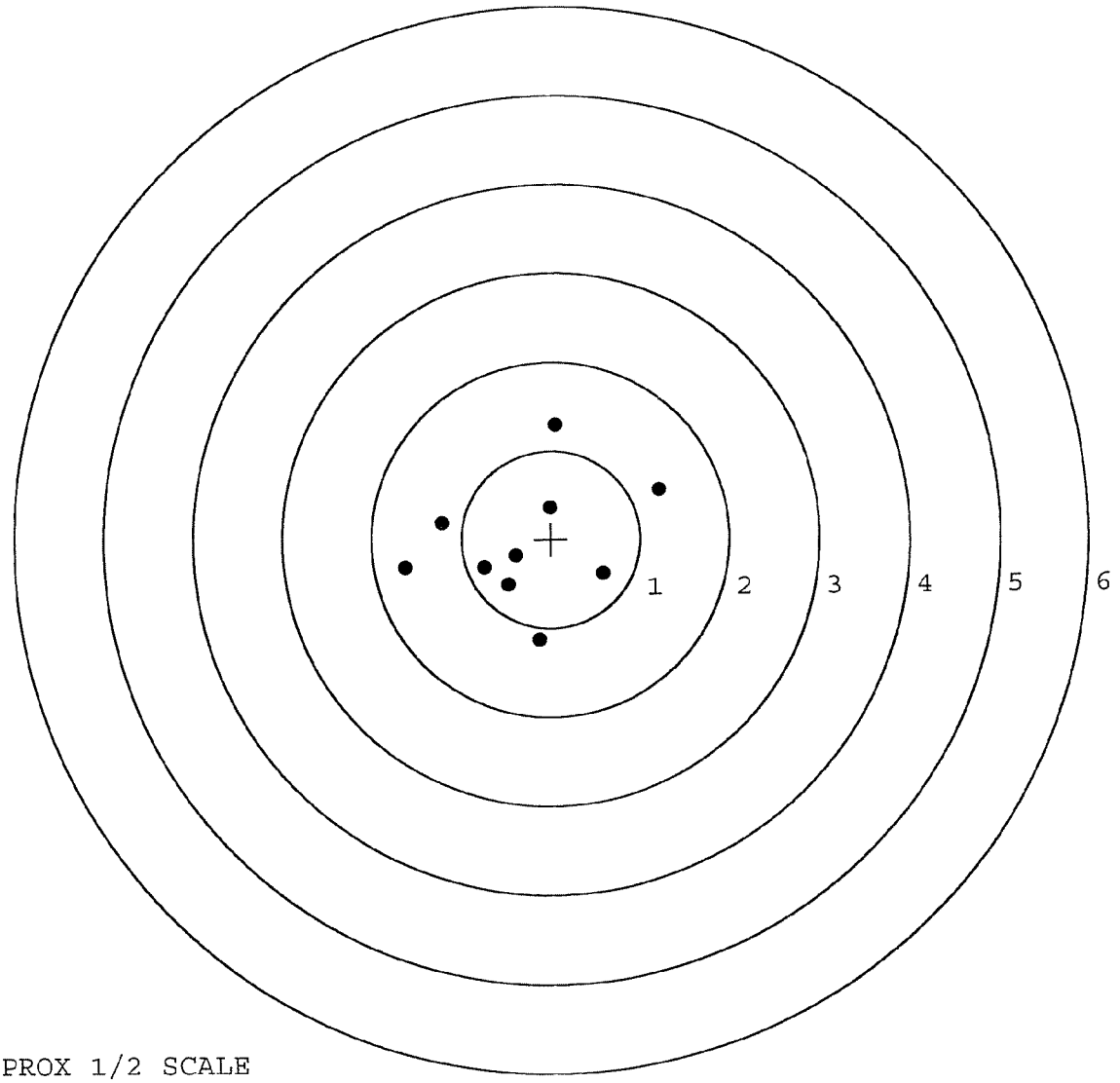


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535195.__0
TARGET NUMBER: 4
FILE DATE: 03/28/2006
FILE TIME: 17:22

X CENTROID:	-0.276
Y CENTROID:	-0.049
POA TO CENTROID:	0.280
HORZ SPREAD:	2.847
VERT SPREAD:	2.425
GROUP SPREAD:	2.976
MIN RADIUS:	0.186
MAX RADIUS:	1.610
MEAN RADIUS:	0.908
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.135	-1.134
2:	0.581	-0.398
3:	1.219	0.548
4:	0.059	1.291
5:	-0.012	0.358
6:	-1.220	0.189
7:	-1.628	-0.317
8:	-0.400	-0.187
9:	-0.741	-0.321
10:	-0.483	-0.517

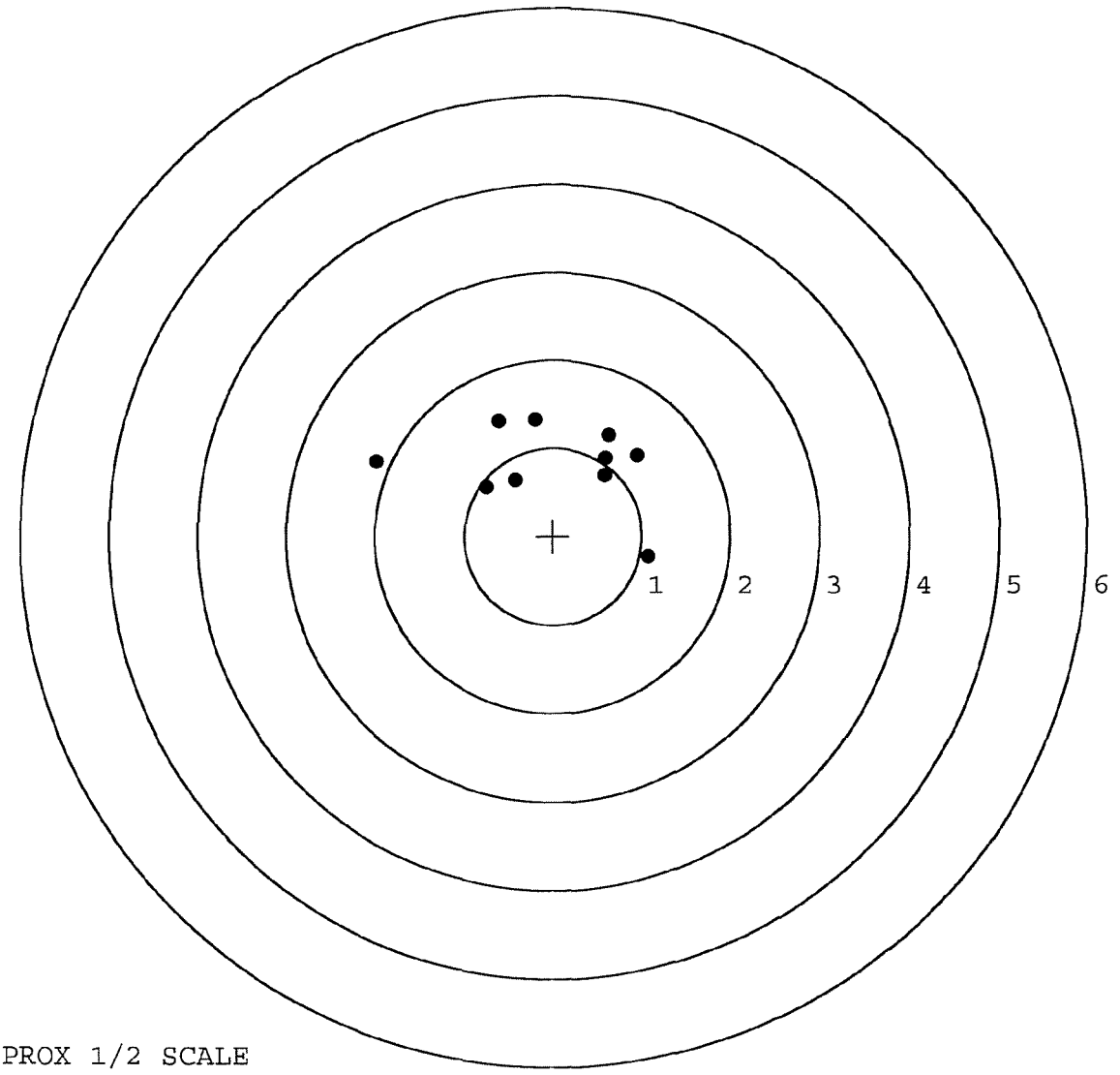


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535195.__0
TARGET NUMBER: 5
FILE DATE: 03/28/2006
FILE TIME: 17:22

X CENTROID:	-0.015
Y CENTROID:	0.806
POA TO CENTROID:	0.806
HORZ SPREAD:	3.058
VERT SPREAD:	1.550
GROUP SPREAD:	3.245
MIN RADIUS:	0.449
MAX RADIUS:	1.965
MEAN RADIUS:	0.892
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	8

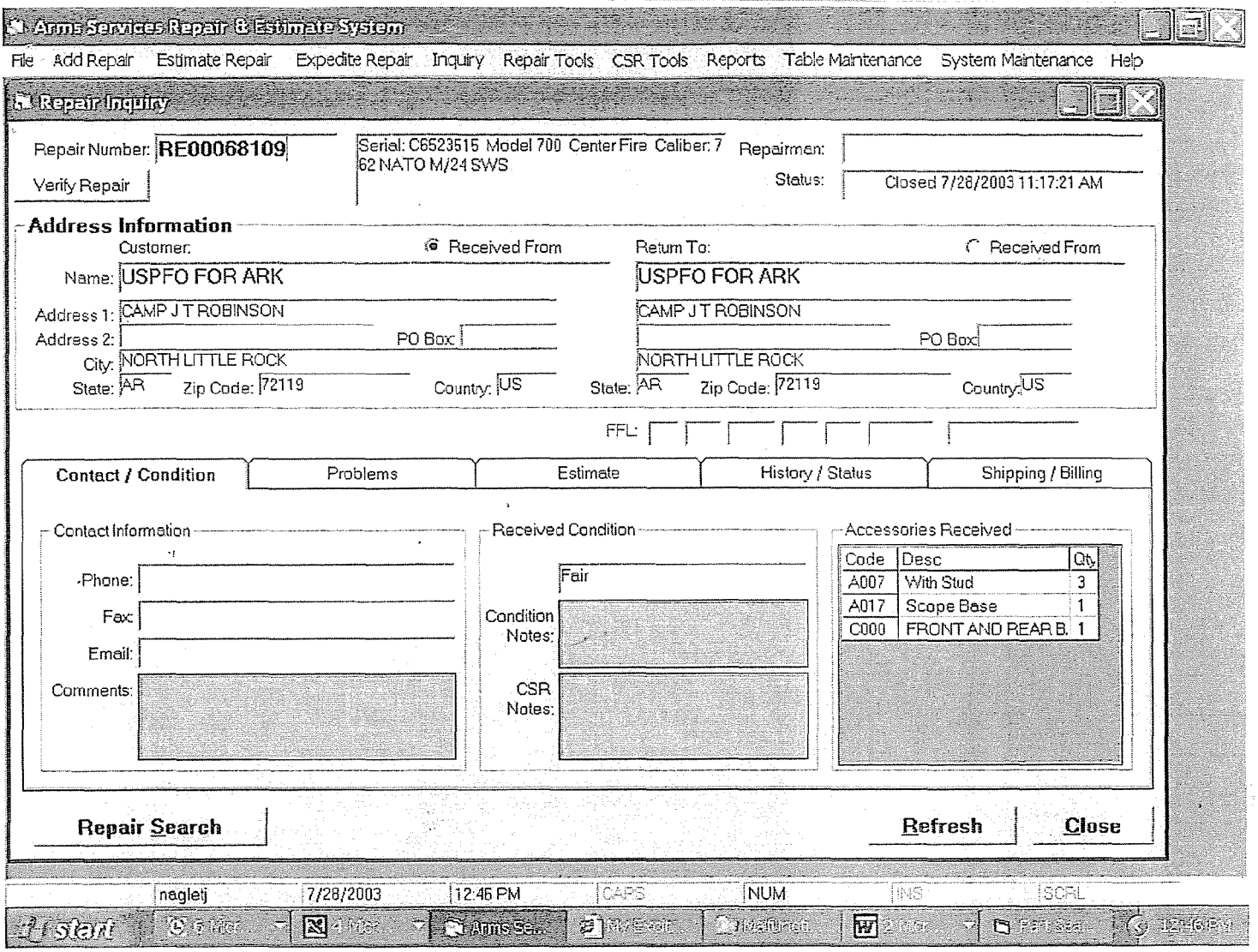
POINT#	X	Y
1:	0.627	1.146
2:	0.948	0.913
3:	0.580	0.693
4:	-0.201	1.314
5:	-0.613	1.300
6:	-0.431	0.635
7:	-0.747	0.559
8:	-1.980	0.850
9:	1.078	-0.236
10:	0.587	0.881



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	109512		
SERIAL NUMBER	~~C0523515~~	C0535195 New	
LOG-IN DATE	3-7-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITI
550	DIS-ASSEMBLE GUN	3-8-06	RTC
560 A	RE-BARREL	3-8-06	RTC
B	DRILL AND TAP	3-17-06	TBW
575	ASSEMBLE	3-8-06	RTC
600	PROOF MAGNA-FLUX INSPECTED	3-15-06	MJM
605	CHECK HEADSPACE	3-15-06	MJM
610	DIS-ASSEMBLE GUN	3-17-06	RTC
612	MAGNAFLUX APD	3-20-06	APD
615	ROLLMARK CALIBER	3-20-06	CW
618	ROTO-BLAST	3-20-06	LB
620	APPLY COATINGS	3/21/06	RE
625 A	FINAL ASSEMBLY	3-27-06	RTC
B	TRIGGER PULL TEST	N/A	AC
C	SAFETY "ON" FORCE	3-29-06	AC
D	SAFETY "OFF" FORCE	3-29-06	AC
E	FIRING PIN INDENT	3-29-06	AC
640	TARGET	3-28-06	S.P.D.
655	FINAL INSPECT	3-29-06	AC
660	PACK	4-6-06	RTC
		SHIP DATE	
	QAR INSPECTION DATE		



Serial Number: C6523515

Model: 700

RE00068109

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523515.__0
FILE DATE AND TIME: 08 19/2003 06:50

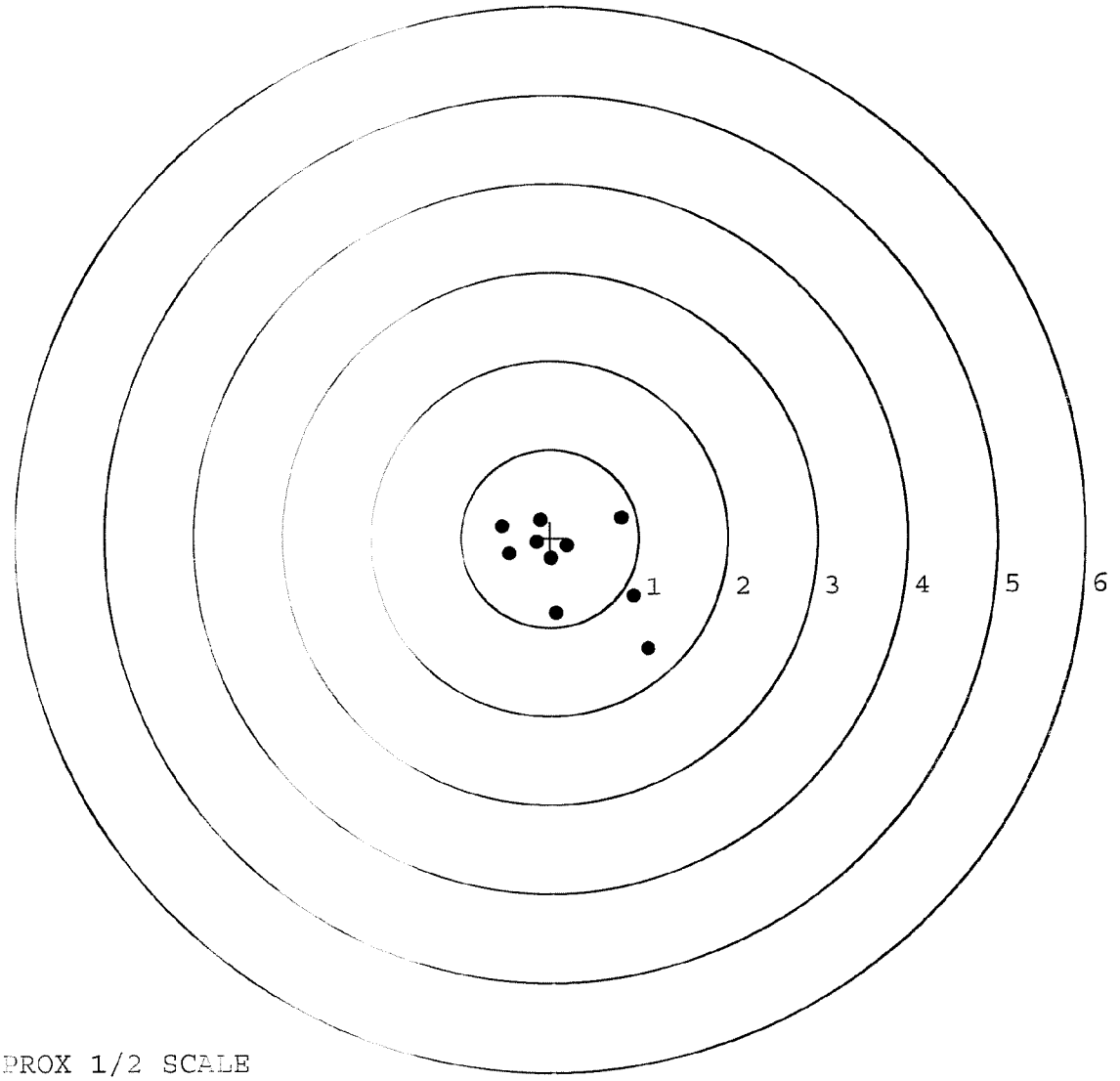
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.052
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.570
The Distance from POA to Centroid Target #1:	0.328
The Distance from Centroid Target #2 to Centroid Target #1:	0.261
The Distance from Centroid Target #3 to Centroid Target #1:	0.322
The Distance from Centroid Target #4 to Centroid Target #1:	0.387
The Distance from Centroid Target #5 to Centroid Target #1:	0.591

SERIAL NUMBER: C6523515.__0
TARGET NUMBER: 1
FILE DATE: 08/19/2003
FILE TIME: 06:50

X CENTROID:	0.182
Y CENTROID:	-0.273
POA TO CENTROID:	0.328
HORZ SPREAD:	1.641
VERT SPREAD:	1.472
GROUP SPREAD:	2.147
MIN RADIUS:	0.179
MAX RADIUS:	1.339
MEAN RADIUS:	0.638
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.098	-1.249
2:	0.936	-0.656
3:	0.064	-0.841
4:	0.803	0.223
5:	0.187	-0.089
6:	0.008	-0.229
7:	-0.112	0.203
8:	-0.543	0.135
9:	-0.466	-0.180
10:	-0.159	-0.051

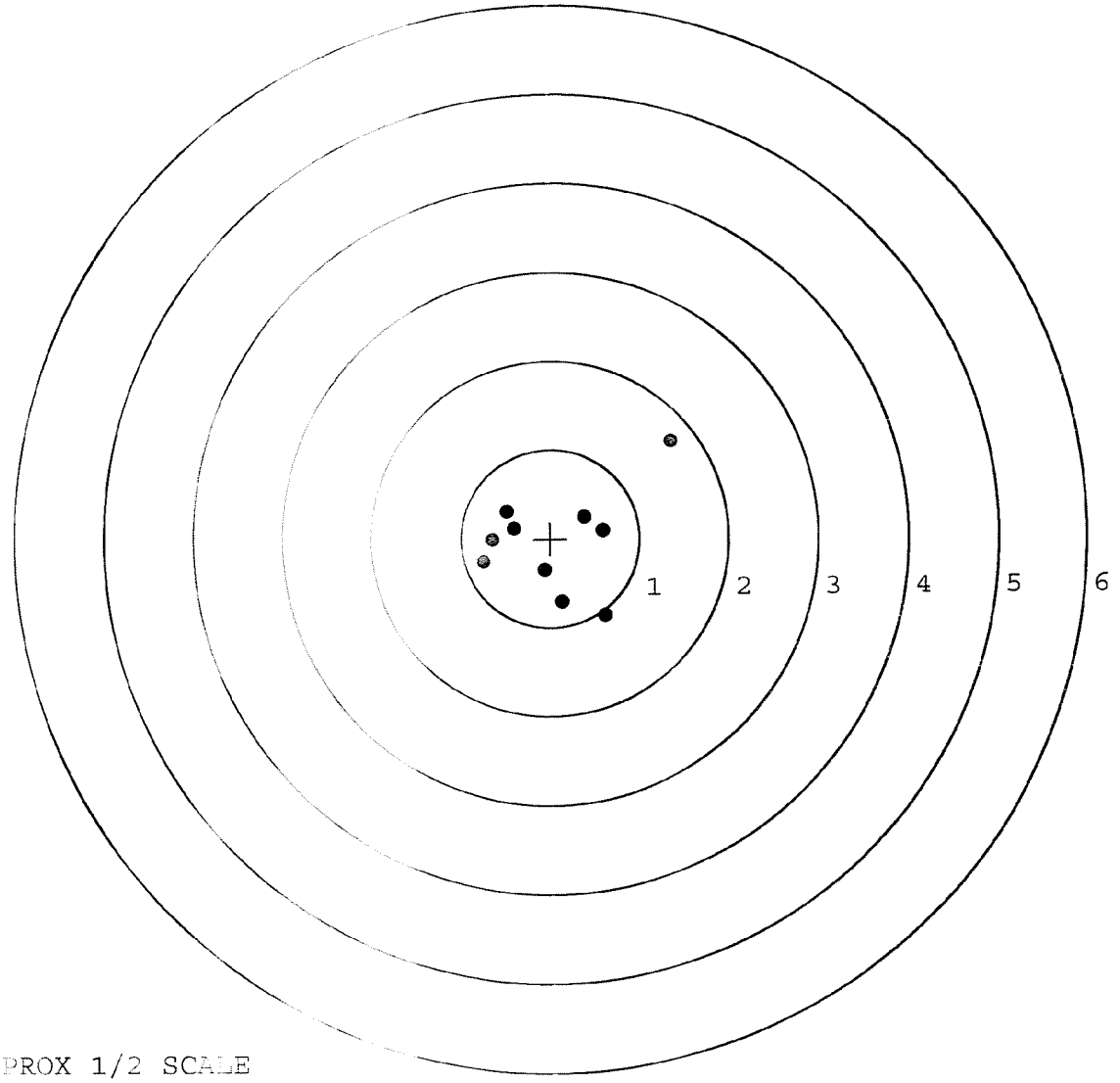


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523515.__C
TARGET NUMBER: 2
FILE DATE: 08/19/2003
FILE TIME: 06:50

X CENTROID:	0.069
Y CENTROID:	-0.038
POA TO CENTROID:	0.079
HORZ SPREAD:	2.107
VERT SPREAD:	1.952
GROUP SPREAD:	2.502
MIN RADIUS:	0.347
MAX RADIUS:	1.706
MEAN RADIUS:	0.741
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.608	-0.868
2:	0.129	-0.715
3:	-0.073	-0.354
4:	0.592	0.087
5:	0.383	0.244
6:	1.354	1.084
7:	-0.489	0.309
8:	-0.412	0.119
9:	-0.647	-0.018
10:	-0.753	-0.266

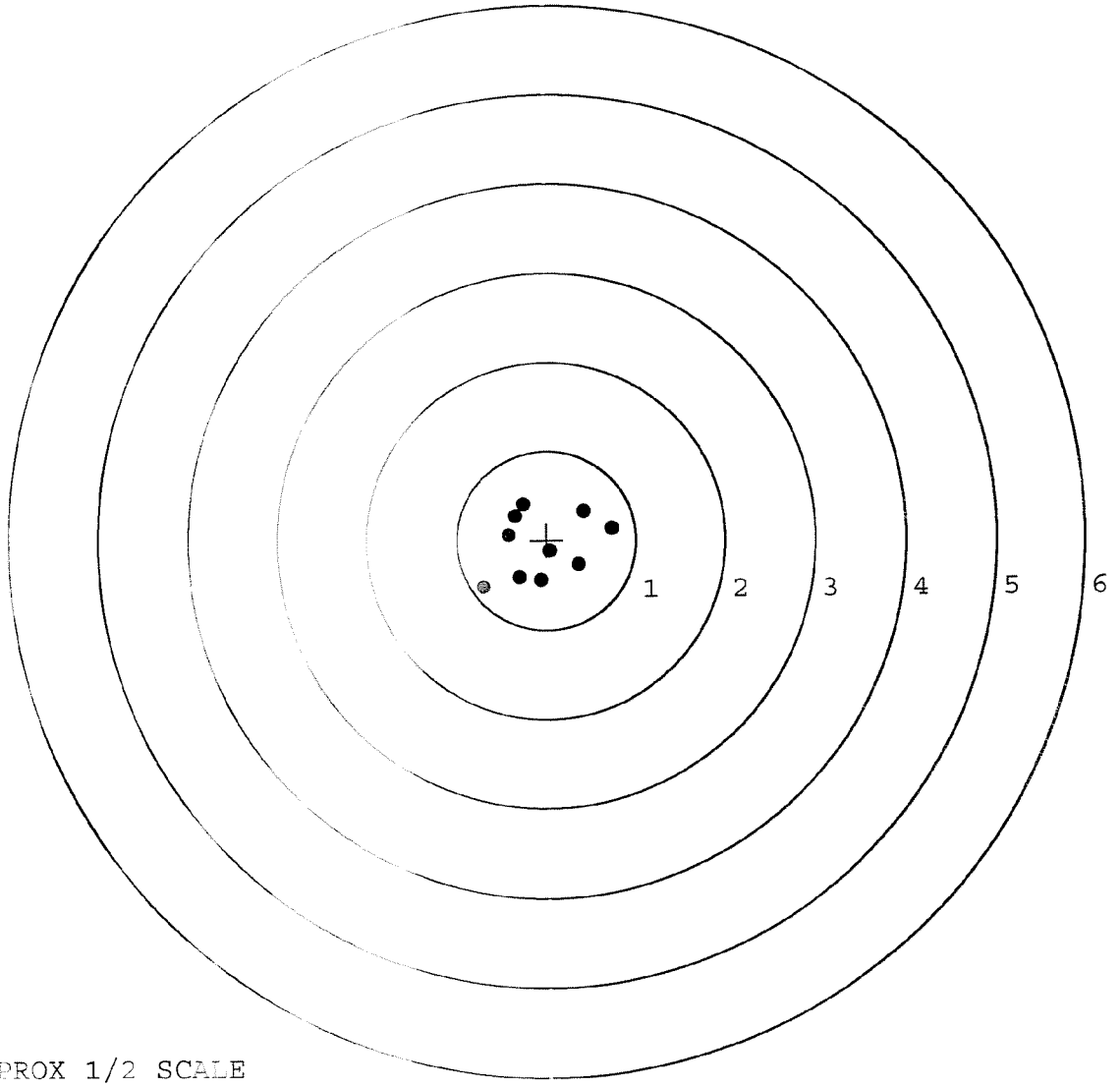


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523515.__C
TARGET NUMBER: 3
FILE DATE: 08/19/2003
FILE TIME: 06:50

X CENTROID:	-0.060
Y CENTROID:	-0.061
POA TO CENTROID:	0.086
HORZ SPREAD:	1.440
VERT SPREAD:	0.931
GROUP SPREAD:	1.582
MIN RADIUS:	0.119
MAX RADIUS:	0.810
MEAN RADIUS:	0.498
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.727	0.129
2:	0.417	0.324
3:	0.356	-0.276
4:	-0.069	-0.451
5:	-0.312	-0.417
6:	0.040	-0.125
7:	-0.713	-0.526
8:	-0.432	0.056
9:	-0.354	0.272
10:	-0.264	0.405

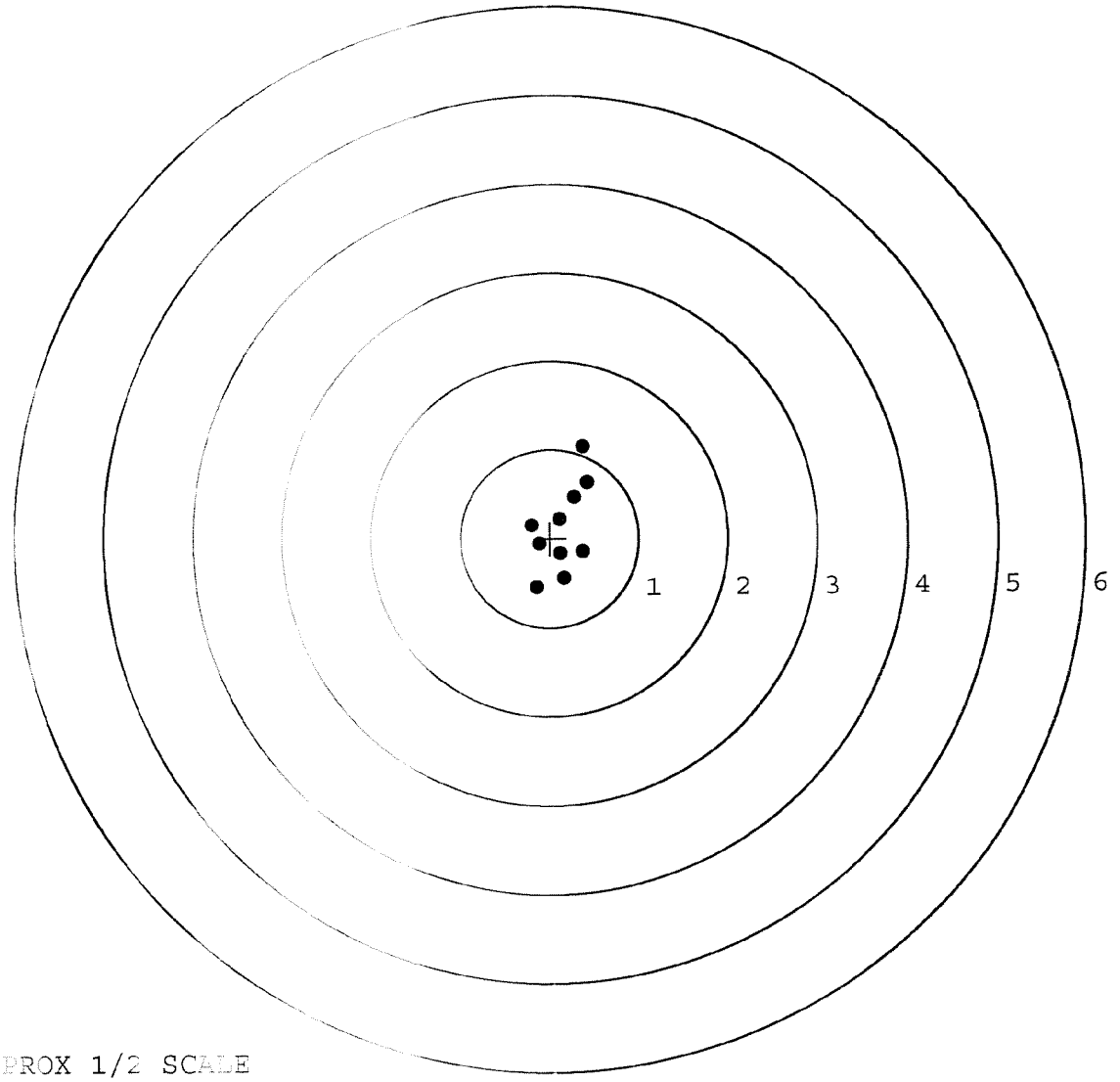


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523515.__C
TARGET NUMBER: 4
FILE DATE: 08/19/2003
FILE TIME: 06:50

X CENTROID:	0.135
Y CENTROID:	0.111
POA TO CENTROID:	0.175
HORZ SPREAD:	0.637
VERT SPREAD:	1.578
GROUP SPREAD:	1.667
MIN RADIUS:	0.106
MAX RADIUS:	0.949
MEAN RADIUS:	0.460
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.156	-0.550
2:	0.155	-0.447
3:	0.369	-0.148
4:	-0.121	-0.065
5:	-0.212	0.152
6:	0.113	0.215
7:	0.275	0.464
8:	0.425	0.631
9:	0.380	1.028
10:	0.120	-0.169

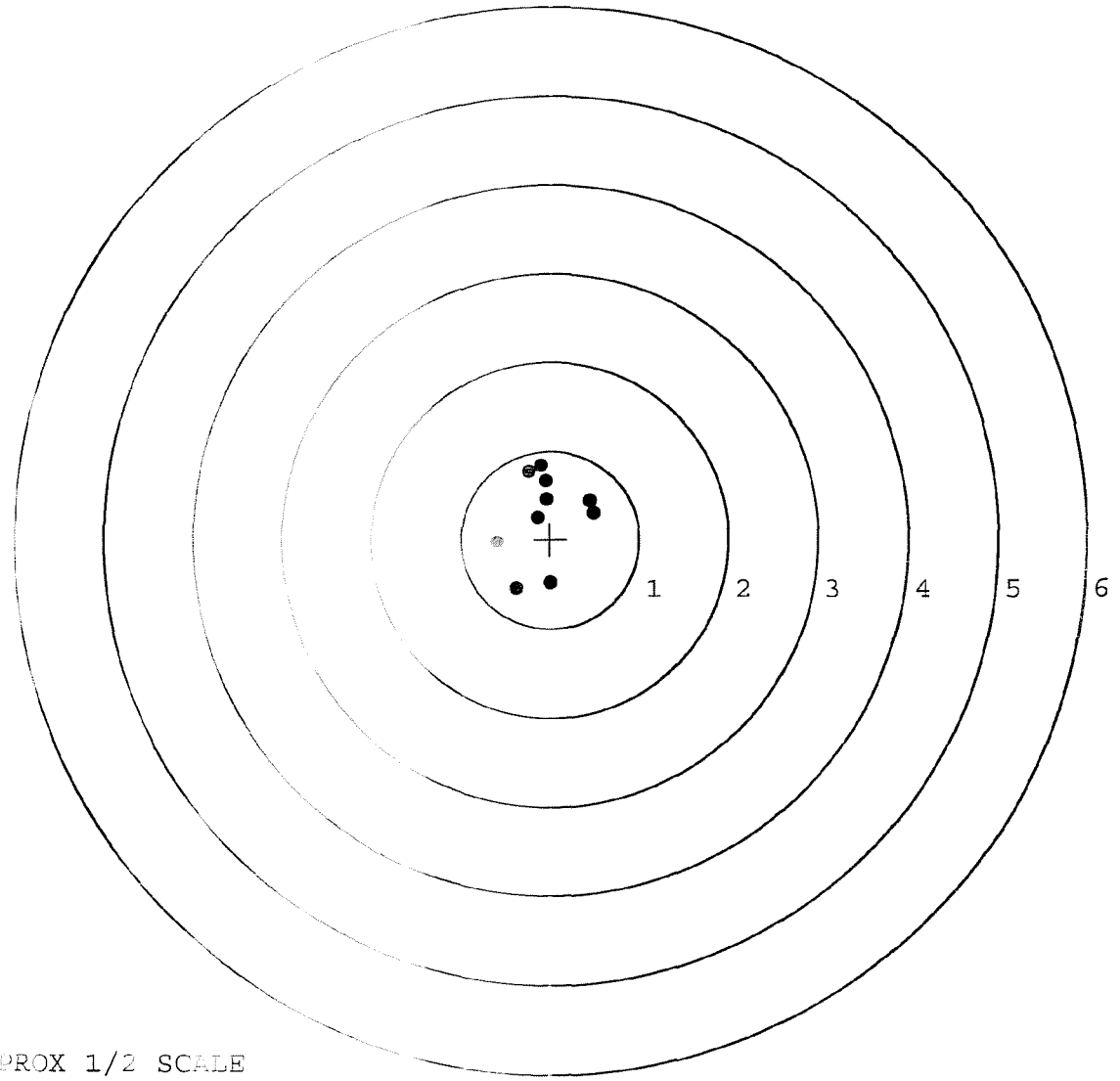


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523515.__6
TARGET NUMBER: 5
FILE DATE: 08/19/2003
FILE TIME: 06:50

X CENTROID:	-0.066
Y CENTROID:	0.264
POA TO CENTROID:	0.272
HORZ SPREAD:	1.072
VERT SPREAD:	1.385
GROUP SPREAD:	1.412
MIN RADIUS:	0.087
MAX RADIUS:	0.874
MEAN RADIUS:	0.512
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.005	-0.492
2:	-0.382	-0.551
3:	-0.589	-0.035
4:	0.483	0.301
5:	0.446	0.440
6:	-0.152	0.249
7:	-0.050	0.458
8:	-0.055	0.663
9:	-0.109	0.834
10:	-0.248	0.768



TARGET APPROX 1/2 SCALE

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

SERIAL # C6523515 INSPECTED BY: RTL

DATE REC'D: 7-28-03 DATE RET'D: 8-20-03

ITEM		ITEM	
BARREL ASSEMBLY		STOCK ASSEMBLY	
✓	BARREL	✓	STOCK
✓	RECEIVER	✓	SLING AWIVEL STUDS
✓	FRONT SIGHT BASE	✓	ADJUSTABLE
✓	REAR SIGHT BASE	✓	BUTT PLATE
✓	SCREWS	✓	LOCK NUTS
✓	FINISH	✓	BARREL CLEARANCE
		✓	COLOR / FINISH
SCOPE ASSEMBLY		SYSTEMS CASE	
	SCOPE		SCOPE CASE
	SCOPE RINGS		IRON SIGHTS
	MOUNTING SCREWS		DEPLOYMENT KIT
	MOUNTING BASE		
	SCREWS		
	FINISH	TRIGGER ASSEMBLY	
	CLARITY	✓	SAFETY OPERATION
		✓	RE-SET TO FACTORY SPECS
		COMMENTS:	

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

R & E NUMBER	68109		
SERIAL NUMBER	C6523515		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-29-03	RTL
560 A	RE-BARREL	8-7-03	RTL
B	DRILL AND TAP	8-11-03	TRW
575	ASSEMBLE	8-11-03	RTL
600	PROOF	8-11-03	AC
605	CHECK HEADSPACE	8-11-03	AC
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TA
625 A	FINAL ASSEMBLY	8-18-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-19-03	AC
655	FINAL INSPECT	8-20-03	RTL
660	PACK	8-21-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

Remington® DUPONT REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO. C6523515

ORDER NO. 5716

01

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

5716 C6523515

UPC

0 47700 25716 7

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	5.0 | 5.50 | 5.0	11-2-90	KT
	G) Safety Off Force	2.75 | 2.75 | 3.0	11-2-90	KT
	H) Trigger Pull Test & Retainability		11/3/90	KH
	I) Firing Pin Indent	0.23 | .022 | .021	11-2-90	KT
	J) Assemble Stock		11-3-90	KH
	K) Assemble Swivel Studs		11-2990	DH
	L) Attach Front and Rear Sight Assemblies		11-3-90	KH
	M) Iron Sight Alignment		11-3-90	KH
	N) Detach Front & Rear Sights & place in numbered container		11-3-90	KH
	O) Attach Scope to Rifle		11-3-90	KH
	P) Detach & Attach Scope 20 Times		11-3-90	KH
640	Gallery Target & Test		11-5-90	KT
	A) Time		11-5-90	KT
	B) Malfunctions		11-5-90	KT
	C) Pierced Primers		11-5-90	KT
	D) Optical Clearity of Scope		11-5-90	KT
645	Inspect for Live Ammo		11-5-90	KT
655	Final Inspection A) Headspace		11-20-90	DH
	B) Trigger Pull	250 | 253 | 245 | 255 | 254	11-20-90	DH
	C) Function		11-20-90	DH
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 C6523515

DATE 11-3-90

TESTER [signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.27	2.22	250	MIN. SETTING,
PULL #2	2.21	2.36	2.28	253	NO AVG. OF 5
PULL #3	2.30	2.40	2.31	245	READINGS ACCEPT-
PULL #4	2.33	2.23	2.41	255	ABLE LESS THAN 2#
PULL #5	2.29	2.29	2.20	254	
TOTAL	11.42	11.55	11.42		
AVG.	2.284	2.31	2.284		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.27		
PULL #2	3.38	3.13		
PULL #3	3.28	3.28		
PULL #4	3.28	3.31		
PULL #5	3.10	3.31		
TOTAL	16.37	16.30		
AVG.	3.274	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.28		4.26
PULL #2	4.44	4.40		4.43
PULL #3	4.42	4.42		4.40
PULL #4	4.46	4.43		4.40
PULL #5	4.27	4.42		4.39
TOTAL	22.06	21.95		21.88
AVG.	4.412	4.39		4.376

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523515
6 Nov 1990

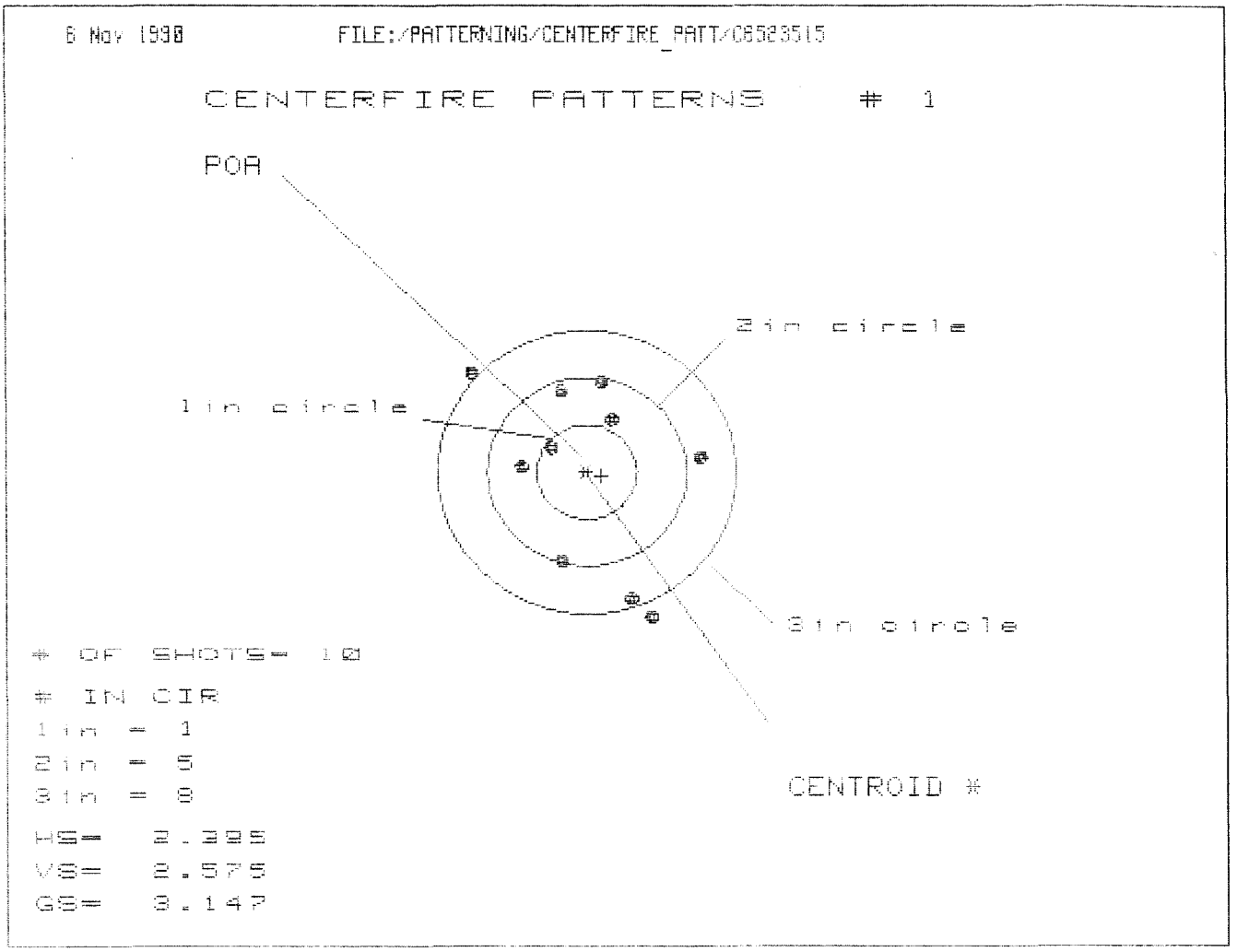
CENTROIDAL DISTANCES

0	TO	1	.150153
1	TO	2	.0643273
1	TO	3	.31855
1	TO	4	.049
1	TO	5	.229896

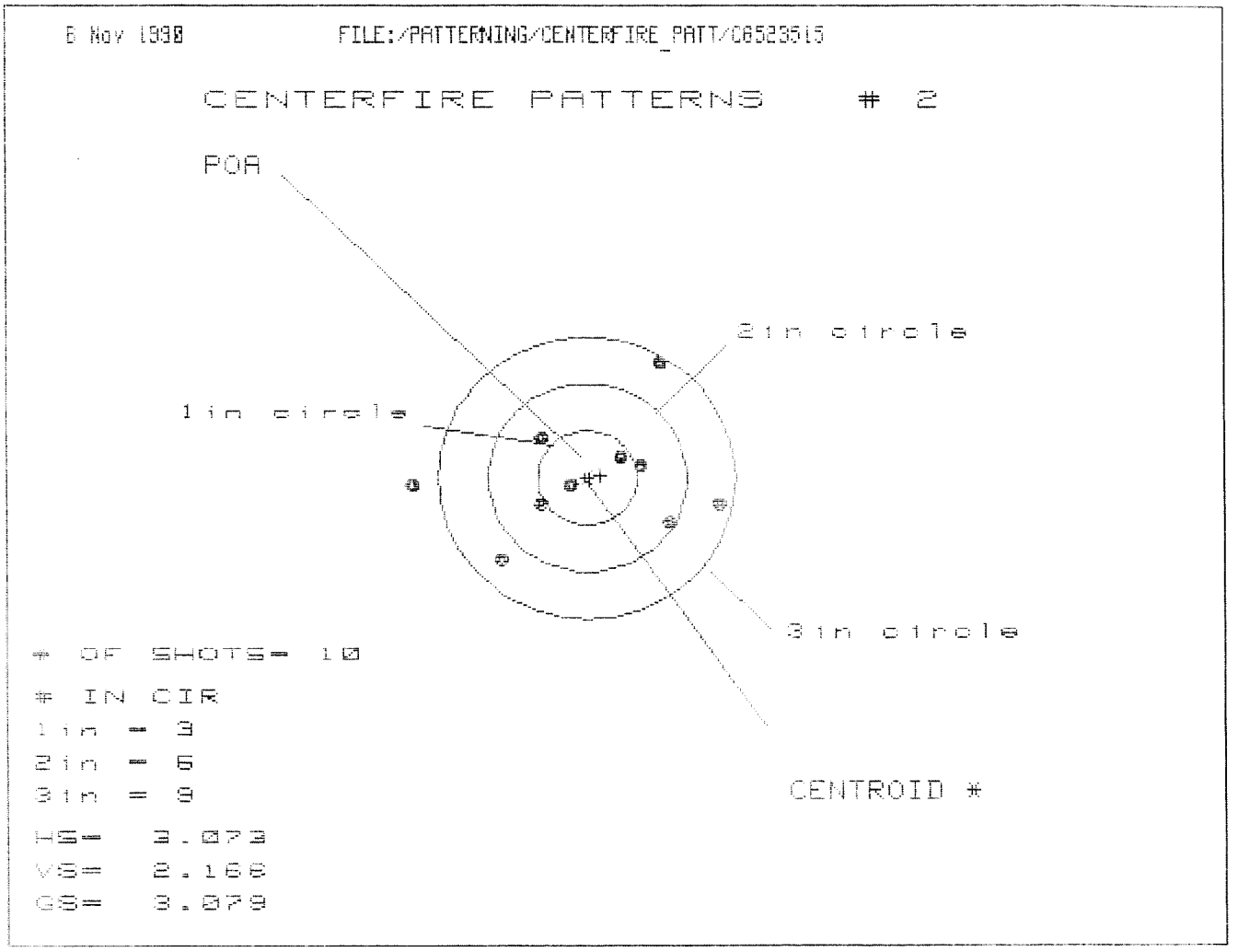
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0626
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0658401

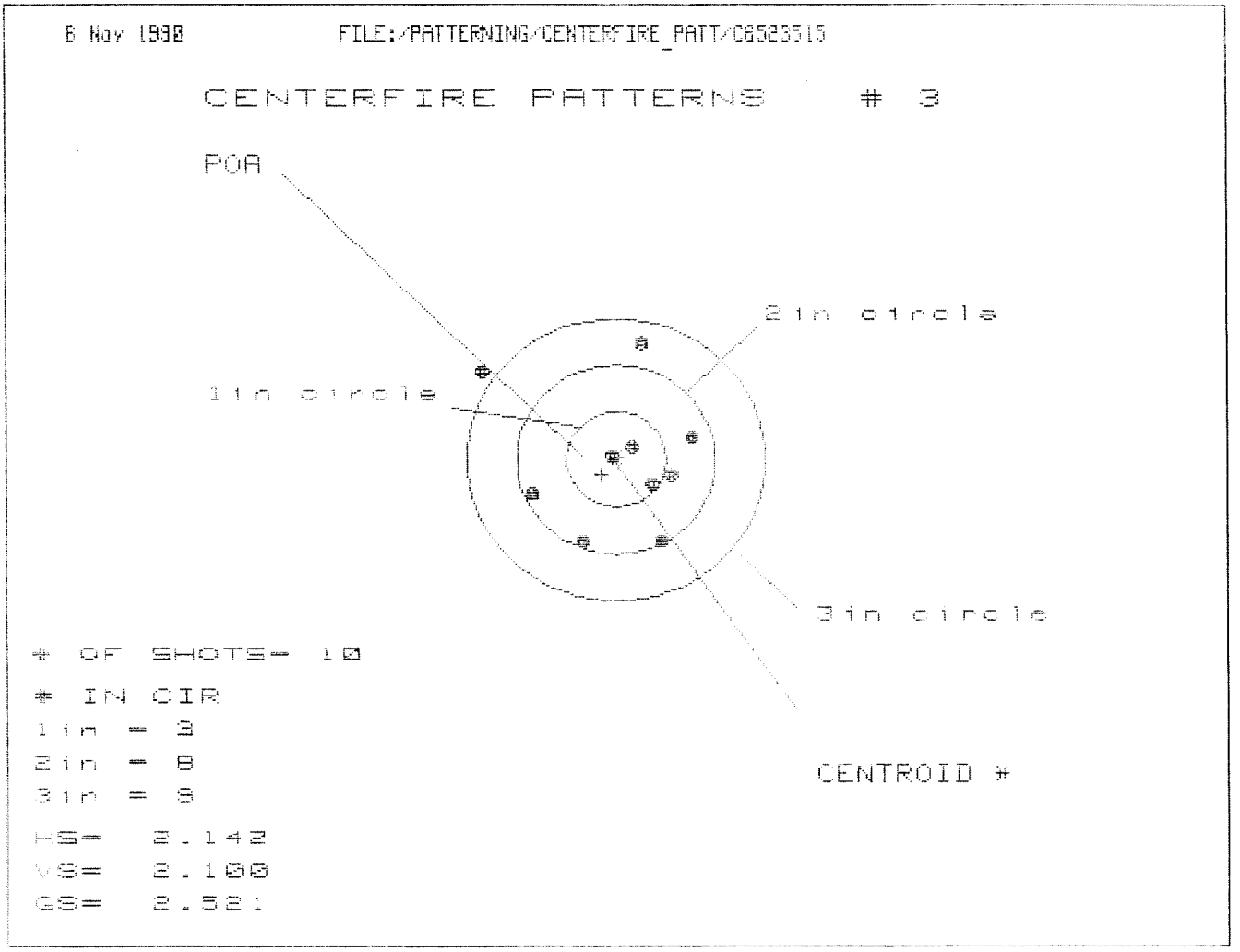
THE AMR FOR THIS RIFLE IS: 1.005



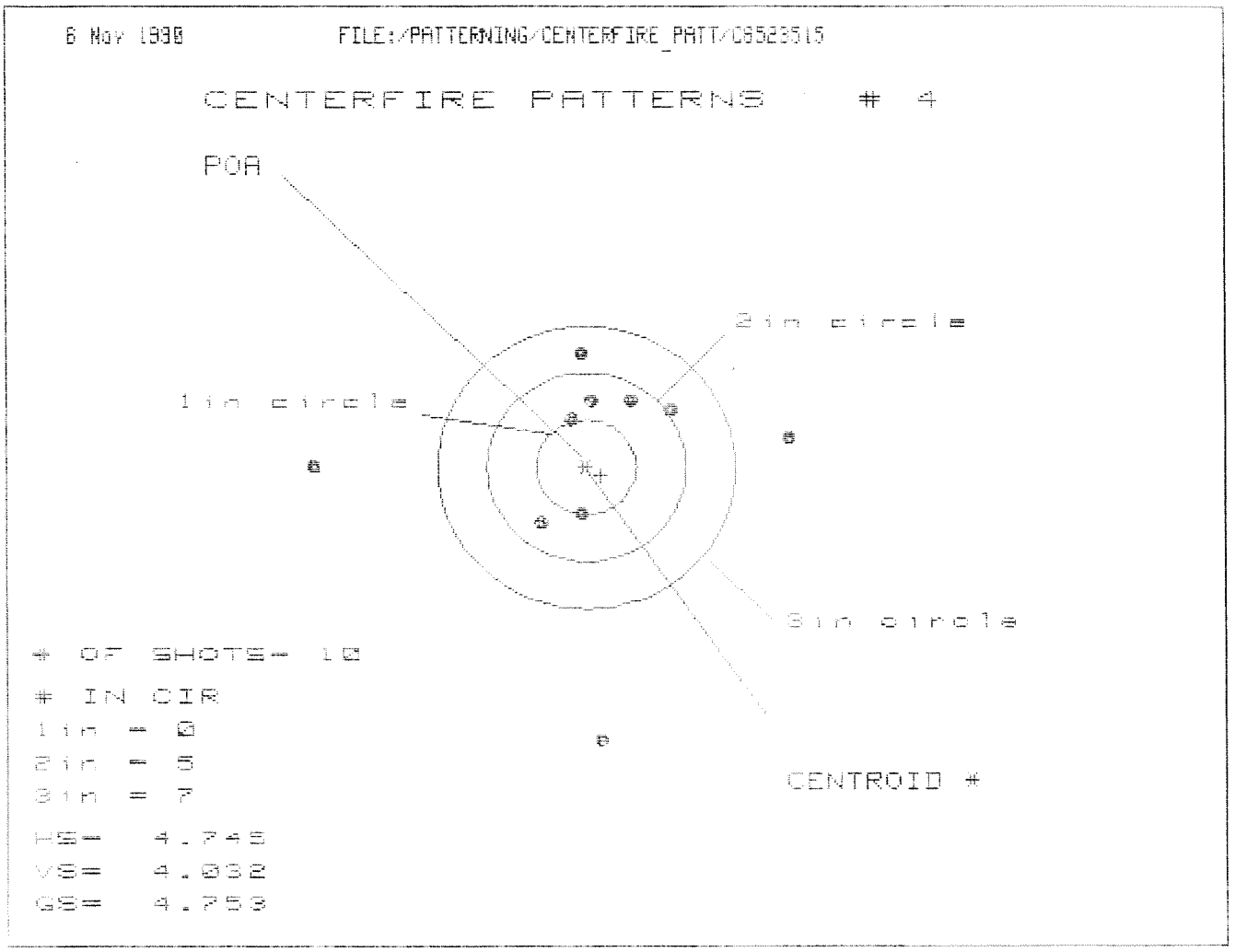
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.193	1.260	1.118
MINIMUM X	:	-1.202	-1.135	-.720
MAXIMUM Y	:	1.070	.903	.987
MINIMUM Y	:	-1.505	-1.543	-1.430
CENTROID X	:	-.145	-.212	-.070
CENTROID Y	:	.039	.206	.093
POA TO CENTROID in.	:	.150	.296	.117
MIN RADIUS	:	.420	.271	.449
MEAN RADIUS	:	1.038	.927	.889
MAX RADIUS	:	1.623	1.637	1.486
HORIZONTAL SPREAD	:	2.395	2.395	1.838
VERTICAL SPREAD	:	2.575	2.446	2.337
EXTREME SPREAD	:	3.147	2.968	2.357
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



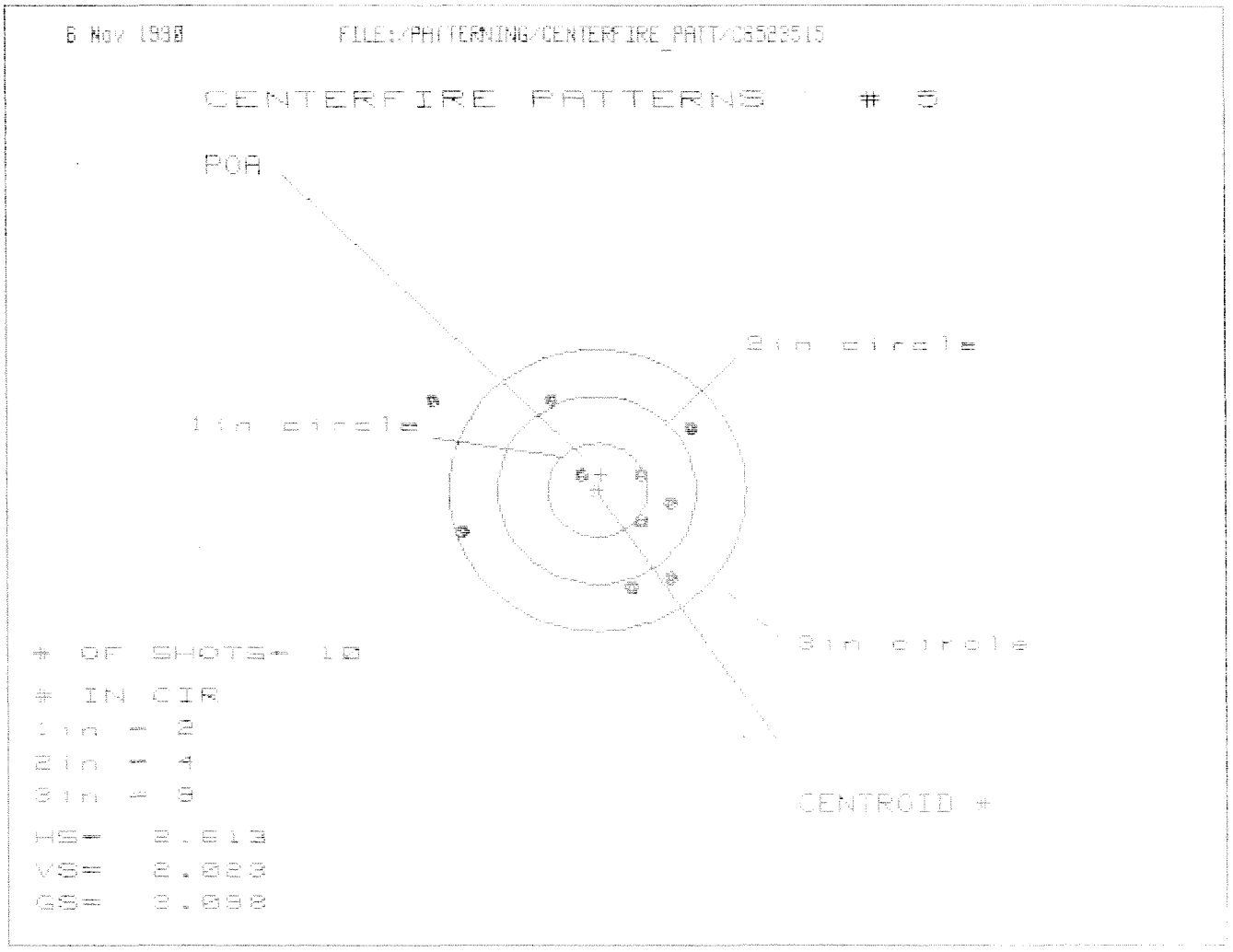
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.331	1.137	1.201
MINIMUM X	:	-1.742	-1.079	-1.015
MAXIMUM Y	:	1.260	1.249	.607
MINIMUM Y	:	-.906	-.917	-.761
CENTROID X	:	-.132	.062	-.002
CENTROID Y	:	-.024	-.013	-.169
POA TO CENTROID in.	:	.134	.063	.169
MIN RADIUS	:	.210	.265	.349
MEAN RADIUS	:	.912	.810	.748
MAX RADIUS	:	1.745	1.416	1.269
HORIZONTAL SPREAD	:	3.073	2.216	2.216
VERTICAL SPREAD	:	2.166	2.166	1.368
EXTREME SPREAD	:	3.079	2.686	2.236
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.793	.644	.655
MINIMUM X	:	-1.349	-.984	-.973
MAXIMUM Y	:	1.194	1.300	.550
MINIMUM Y	:	-.906	-.800	-.637
CENTROID X	:	.148	.297	.286
CENTROID Y	:	.164	.058	-.105
POA TO CENTROID in.	:	.221	.303	.305
MIN RADIUS	:	.010	.180	.216
MEAN RADIUS	:	.776	.649	.574
MAX RADIUS	:	1.654	1.303	.982
HORIZONTAL SPREAD	:	2.142	1.628	1.628
VERTICAL SPREAD	:	2.100	2.100	1.187
EXTREME SPREAD	:	2.521	2.180	1.764
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.997	2.010	1.668
MINIMUM X	:	-2.748	-2.735	-.744
MAXIMUM Y	:	1.169	.851	.811
MINIMUM Y	:	-2.863	-.928	-.968
CENTROID X	:	-.145	-.158	.184
CENTROID Y	:	.088	.406	.445
POA TO CENTROID in.	:	.169	.435	.482
MIN RADIUS	:	.502	.243	.388
MEAN RADIUS	:	1.316	1.065	.833
MAX RADIUS	:	2.865	2.753	1.670
HORIZONTAL SPREAD	:	4.745	4.745	2.412
VERTICAL SPREAD	:	4.032	1.779	1.779
EXTREME SPREAD	:	4.753	4.753	2.569
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.911	.722	.531
MINIMUM X	:	-1.702	-1.524	-.845
MAXIMUM Y	:	.996	1.061	1.022
MINIMUM Y	:	-1.026	-.916	-.955
CENTROID X	:	-.039	.150	.341
CENTROID Y	:	-.165	-.275	-.286
POA TO CENTROID in.	:	.169	.313	.414
MIN RADIUS	:	.179	.341	.217
MEAN RADIUS	:	.984	.832	.701
MAX RADIUS	:	1.972	1.556	1.326
HORIZONTAL SPREAD	:	2.613	2.246	1.376
VERTICAL SPREAD	:	2.023	1.977	1.977
EXTREME SPREAD	:	3.098	2.514	2.234
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS: ~~EIGHTS 3 7 LEFT~~

R ORDER 94-18359

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

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6523515		700 7.62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

90-0249

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTO
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-50

CUST NO:098397 C.O.D.

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

✓ Stock	$471.11
Trigger Assy	173.31
Mag Box	2.06
Mag Spring	1.76
CTI	50.00
	$698.18

COMMENTS: TROUBLE SIGHTING IN OK cwb

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC		
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			10/31/95		

RD6925 REV. 1/94

OFFICE COPY

M2400093313

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523575
DATE 9-15-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.64	2.77		MIN. SETTING,
PULL #2	2.61	2.53	2.85		NO AVG. OF 5
PULL #3	2.44	2.58	2.87		READINGS ACCEPT-
PULL #4	2.49	2.54	2.89		ABLE LESS THAN 2#
PULL #5	2.67	2.54	2.90		
TOTAL	12.76	12.83	14.28		
AVG.	2.55	2.56	2.85		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
ULL #1	3.07	2.91		
LL #2	3.10	2.95		
LL #3	3.08	2.93		
LL #4	3.10	2.92		
L #5	3.12	2.88		
AL	15.47	14.59		
	3.09	2.91		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
1	4.05	4.03	4.12	
#2	3.93	4.00	4.13	
#3	3.98	3.94	4.08	
#4	4.00	3.92	4.14	
ULL #5	4.12	4.02	4.10	
OTAL	20.08	19.91	20.57	
VG.	4.01	3.98	4.11	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523515

OP. #	OP. NAME	READINGS	DATE	INITIA
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. NAME	READINGS					DATE	INIT
t.	F) Safety On Force	6	6	6			12/14	WB
	G) Safety Off Force	3	3	3			12/14	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							
40	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.79	2.80	2.70	2.73	2.72	12/14	WB
	C) Function							
660	Pack							