G6738643
Replaces
C 6587625

Oxford NO. 752 1/3
ESSELTE 10%

01/26/09 11:33:26

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: RE00158814 — Verify Repair

Serial: C6587625 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1991

Repairman:

Status: Closed 1/14/2009 9:44:59 AM

Address Information

Customer: (Received From)	Return To: (Received From)
Name: DEPARTMENT OF THE ARMY SUPPLY	DEPARTMENT OF THE ARMY SUPPLY
Address 1: B CO 2ND BN 3RD INFANTRY REGIMENT	B CO 2ND BN 3RD INFANTRY REGIMENT
Address 2: 3RD BRIGRADE 2ND INFANTRY PO Box:	3RD BRIGRADE 2ND INFANTRY 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: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qu
A007	With Stud	3
A008	With Swivel	2
A009	Soft BASE	1
A010	Hard Case	1
A026	Scope	1
A057	Fit and Rear Sgl Base	1

Repair Search | Refresh | Close

nagletj | 1/26/2009 | 11:33 AM | CAPS | NUM | INS | SCRL

start | Inbox - Micros... | FW: Request ... | Tuesday 19 Feb - ... | UNCLASSIFIE... | Microsoft Exc... | Arms Services ...

B. Pad

G67386 43

Serial Number C6587625

Model: M24 SWS

RE0015881 4

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

R & E NUMBER 158814
SERIAL NUMBER G6738643
LOG-IN DATE 1-14-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-27-09	RTC
505	RE-BARREL		1-29-09	RTC
560	ASSEMBLE		1-29-09	RTC
600	PROOF	MAGNA - FLUX FEB 04 2009 OPERATOR KH	1-29-09	
605	CHECK HEADSPACE		1-29-09	
610	DIS-ASSEMBLE GUN		1-29-09	
612	MAGNAFLUX		2/2/09	KH
510	DRILL AND TAP		1-30-09	
615	ROLLMARK CALIBER		2/2/09	RT
618	ROTO-BLAST		2/2/09	
620	APPLY COATINGS		2S	
625	FINAL ASSEMBLY		2-9-09	RTC
640	FUNCTION TEST AND	PASS FAIL	2-9-09	TC
650	TARGET	PASS FAIL	2-9-09	TC
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		2-9-09	NN
	A) HEADSPACE	PASS FAIL	2-10-09	RH
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.75 2.81 2.69 2.73 2.83	2-10-09	NN
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	3.0 4.0 4.0	2-10-09	RH
	G) SAFETY OFF FORCE (2 LBS MIN)	4.0 4.0 4.0	2-10-09	RH
	I) FIRING PIN INDENT .020	.020 .020 .020	2-10-09	RH
690	PACK		3/4/09	Emy

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
C CO 2-3 INF 3-2 SBCT	M24 SWS

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C6587625	N/A	N/A		N/A	05Jan09	

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	1987		

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
Kurt Rehnberg				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
		Deployment kit	Replace ✓	
		Scope caps	Replace	
		Dust covers	Replace	
		Base Screws	Replace	
		Magazine spring	Replace	
		Guide plate	Replace	
		Sling		
		Soft case		

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: G6738643.__0
FILE DATE AND TIME: 02/10/2009 05:14

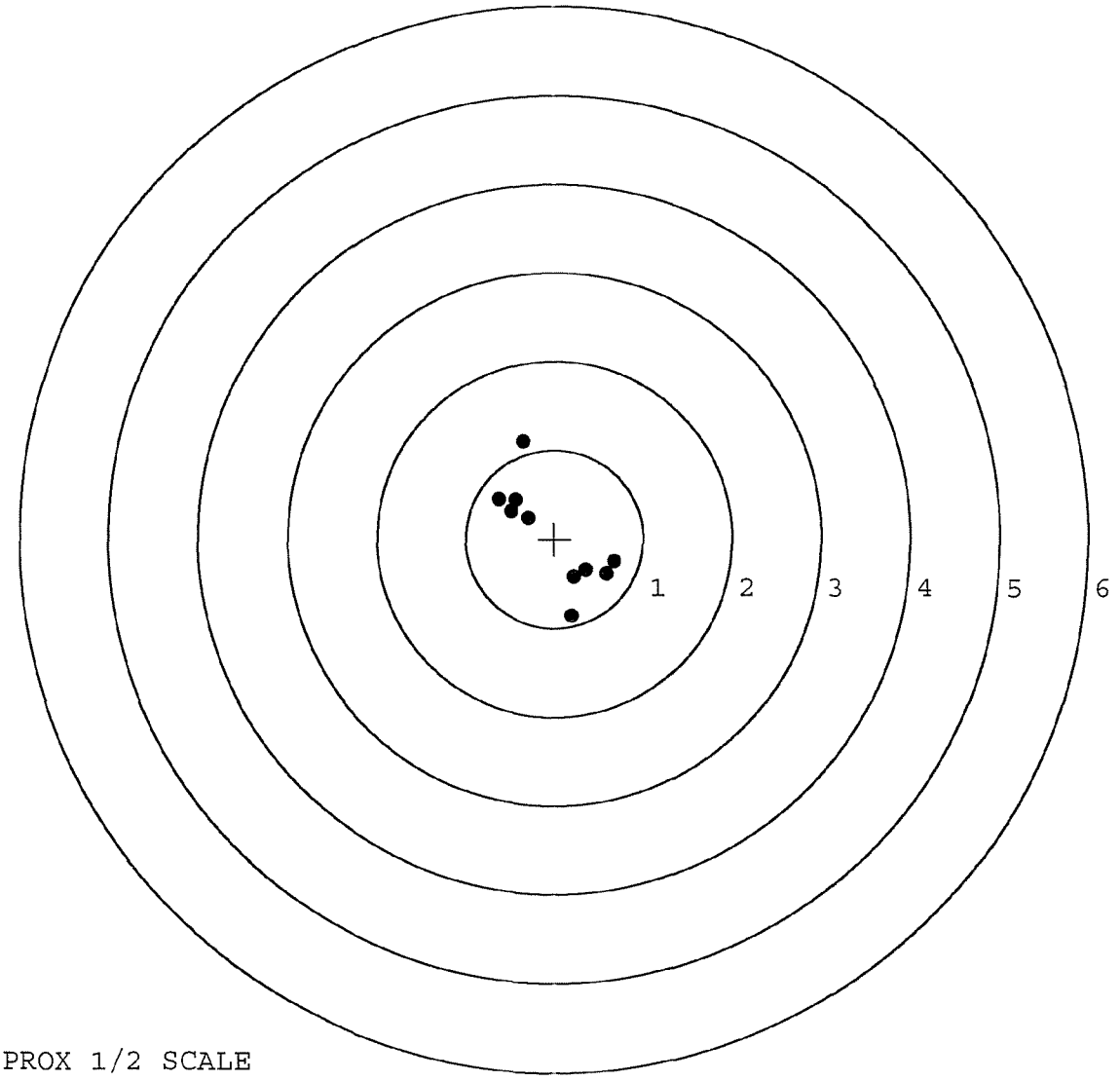
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	0.090
The Average Point of Impact of the Five Target Set:	0.102
The Average Mean Radius of the Five Target Set:	0.718
The Distance from POA to Centroid Target #1:	0.028
The Distance from Centroid Target #2 to Centroid Target #1:	0.163
The Distance from Centroid Target #3 to Centroid Target #1:	0.168
The Distance from Centroid Target #4 to Centroid Target #1:	0.233
The Distance from Centroid Target #5 to Centroid Target #1:	0.350

SERIAL NUMBER: G6738643.__0
TARGET NUMBER: 1
FILE DATE: 02/10/2009
FILE TIME: 05:14

X CENTROID:	-0.017
Y CENTROID:	0.023
POA TO CENTROID:	0.028
HORZ SPREAD:	1.306
VERT SPREAD:	1.968
GROUP SPREAD:	2.042
MIN RADIUS:	0.353
MAX RADIUS:	1.124
MEAN RADIUS:	0.681
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.347	1.097
2:	-0.632	0.445
3:	-0.437	0.443
4:	-0.488	0.315
5:	-0.299	0.235
6:	0.674	-0.259
7:	0.587	-0.399
8:	0.356	-0.348
9:	0.225	-0.430
10:	0.196	-0.871

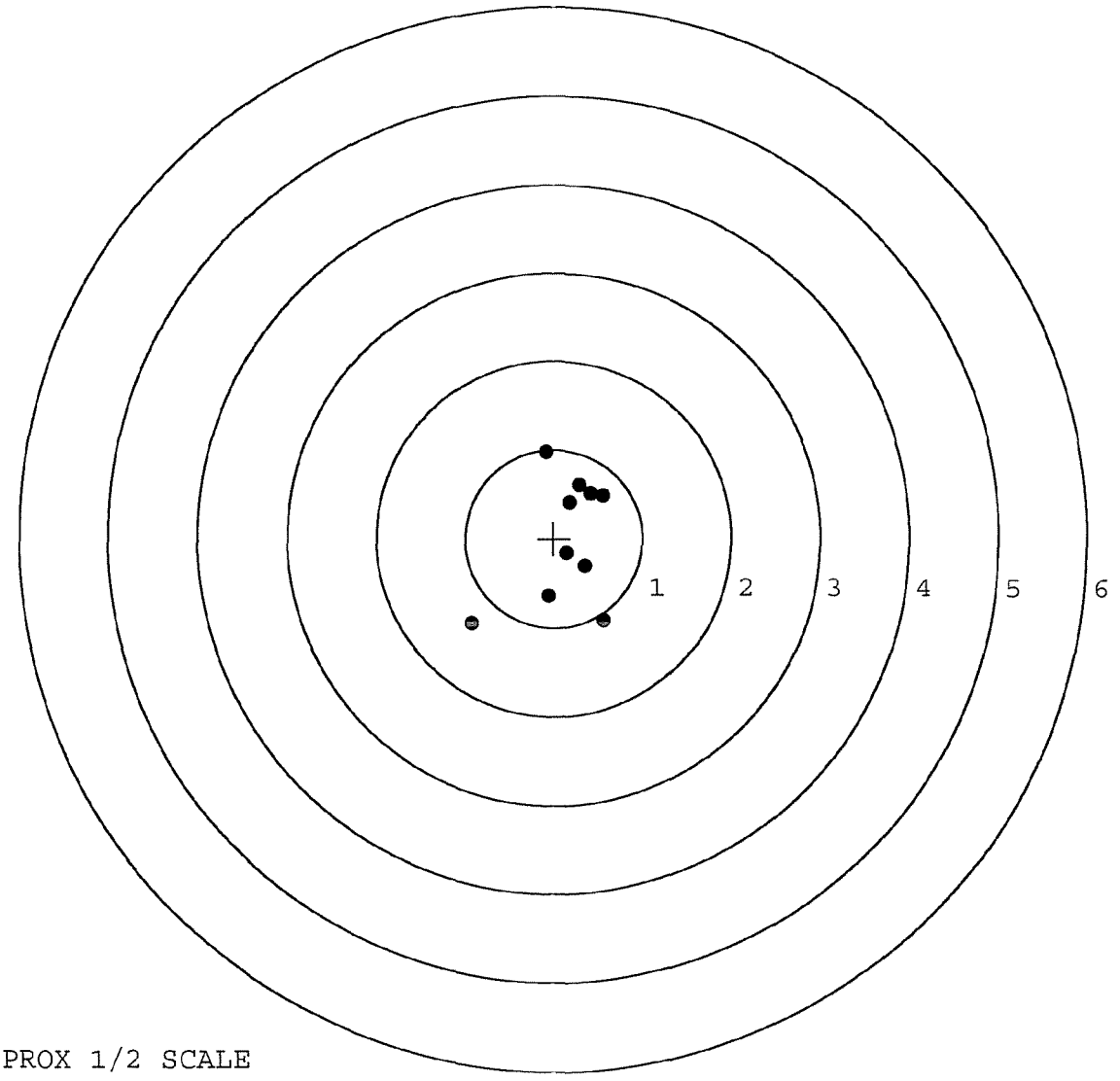


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738643.__0
TARGET NUMBER: 2
FILE DATE: 02/10/2009
FILE TIME: 05:14

X CENTROID:	0.145
Y CENTROID:	-0.004
POA TO CENTROID:	0.145
HORZ SPREAD:	1.496
VERT SPREAD:	1.928
GROUP SPREAD:	2.105
MIN RADIUS:	0.158
MAX RADIUS:	1.439
MEAN RADIUS:	0.691
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.931	-0.959
2:	-0.056	-0.649
3:	0.565	-0.924
4:	0.358	-0.311
5:	0.150	-0.162
6:	-0.086	0.969
7:	0.558	0.485
8:	0.417	0.507
9:	0.292	0.601
10:	0.180	0.407

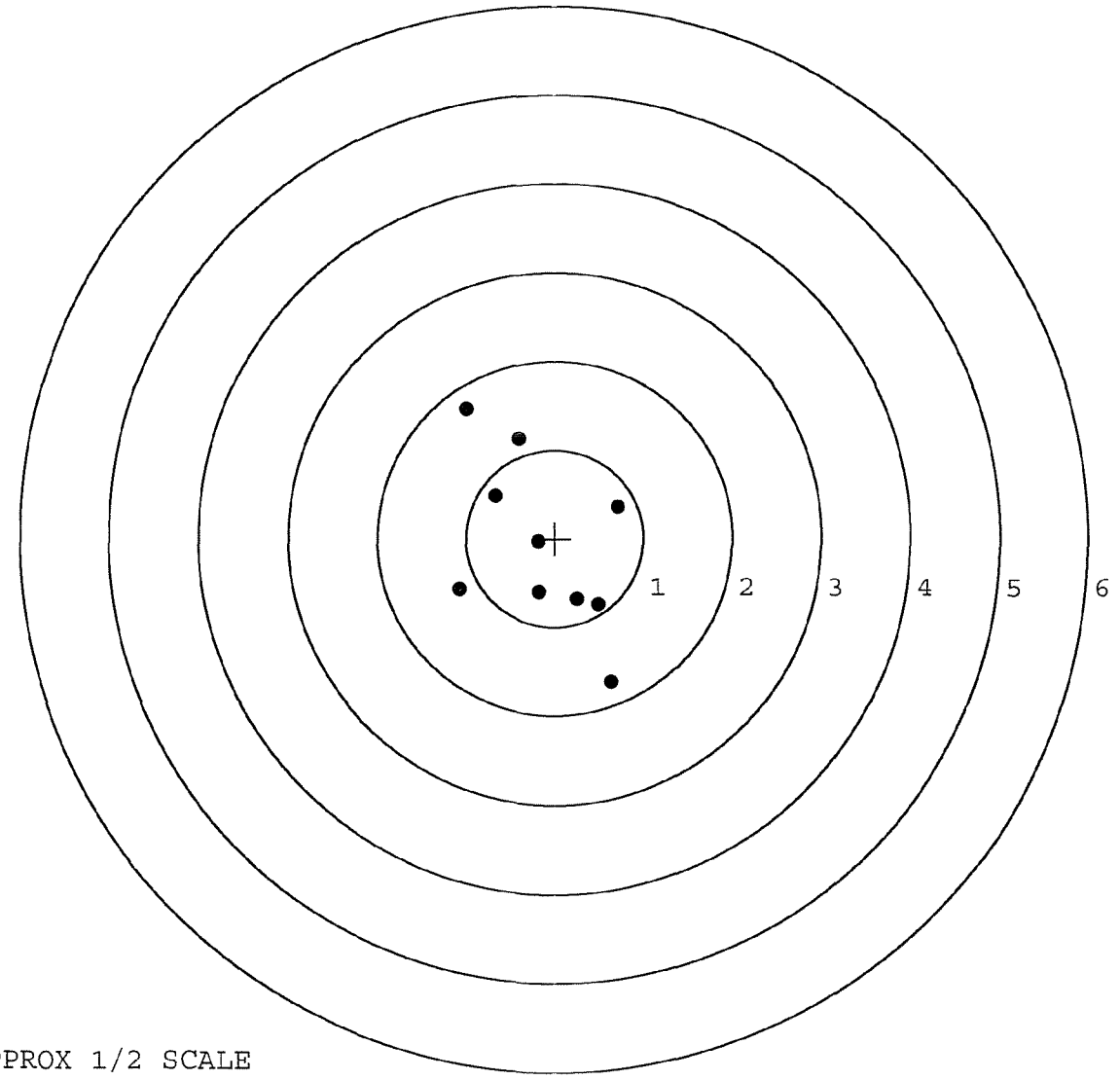


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738643.__0
TARGET NUMBER: 3
FILE DATE: 02/10/2009
FILE TIME: 05:14

X CENTROID:	-0.142
Y CENTROID:	-0.089
POA TO CENTROID:	0.167
HORZ SPREAD:	1.786
VERT SPREAD:	3.082
GROUP SPREAD:	3.487
MIN RADIUS:	0.073
MAX RADIUS:	1.762
MEAN RADIUS:	0.976
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.995	1.452
2:	-0.402	1.124
3:	0.713	0.354
4:	0.636	-1.630
5:	0.494	-0.747
6:	0.256	-0.691
7:	-0.179	-0.610
8:	-1.073	-0.586
9:	-0.673	0.480
10:	-0.192	-0.036

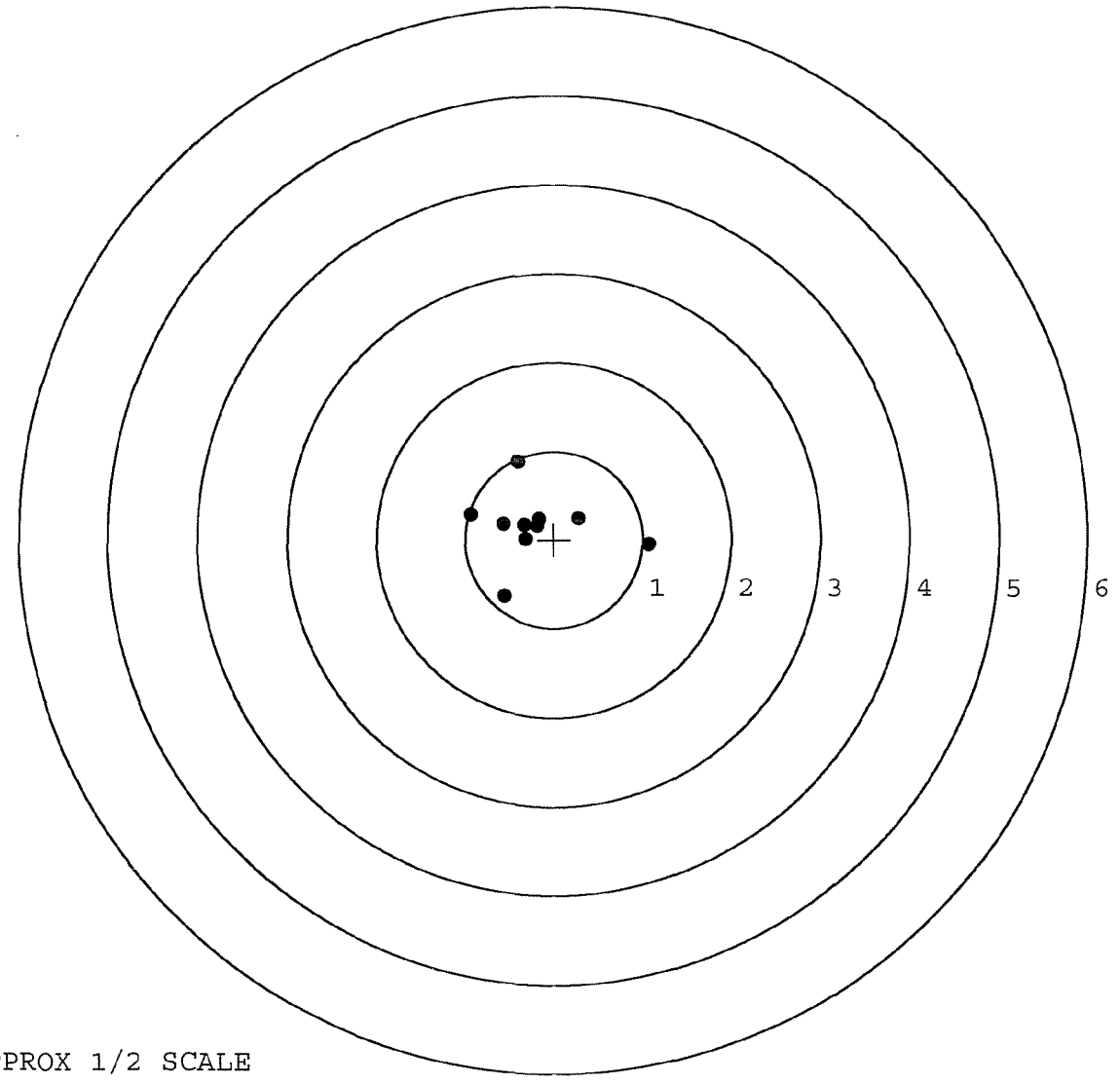


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6738643.__0
TARGET NUMBER: 4
FILE DATE: 02/10/2009
FILE TIME: 05:14

X CENTROID:	-0.214
Y CENTROID:	0.147
POA TO CENTROID:	0.259
HORZ SPREAD:	2.010
VERT SPREAD:	1.532
GROUP SPREAD:	2.039
MIN RADIUS:	0.029
MAX RADIUS:	1.302
MEAN RADIUS:	0.495
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.072	-0.060
2:	-0.554	-0.647
3:	-0.404	0.885
4:	-0.938	0.283
5:	-0.573	0.178
6:	0.278	0.243
7:	-0.171	0.238
8:	-0.192	0.166
9:	-0.320	0.011
10:	-0.334	0.172

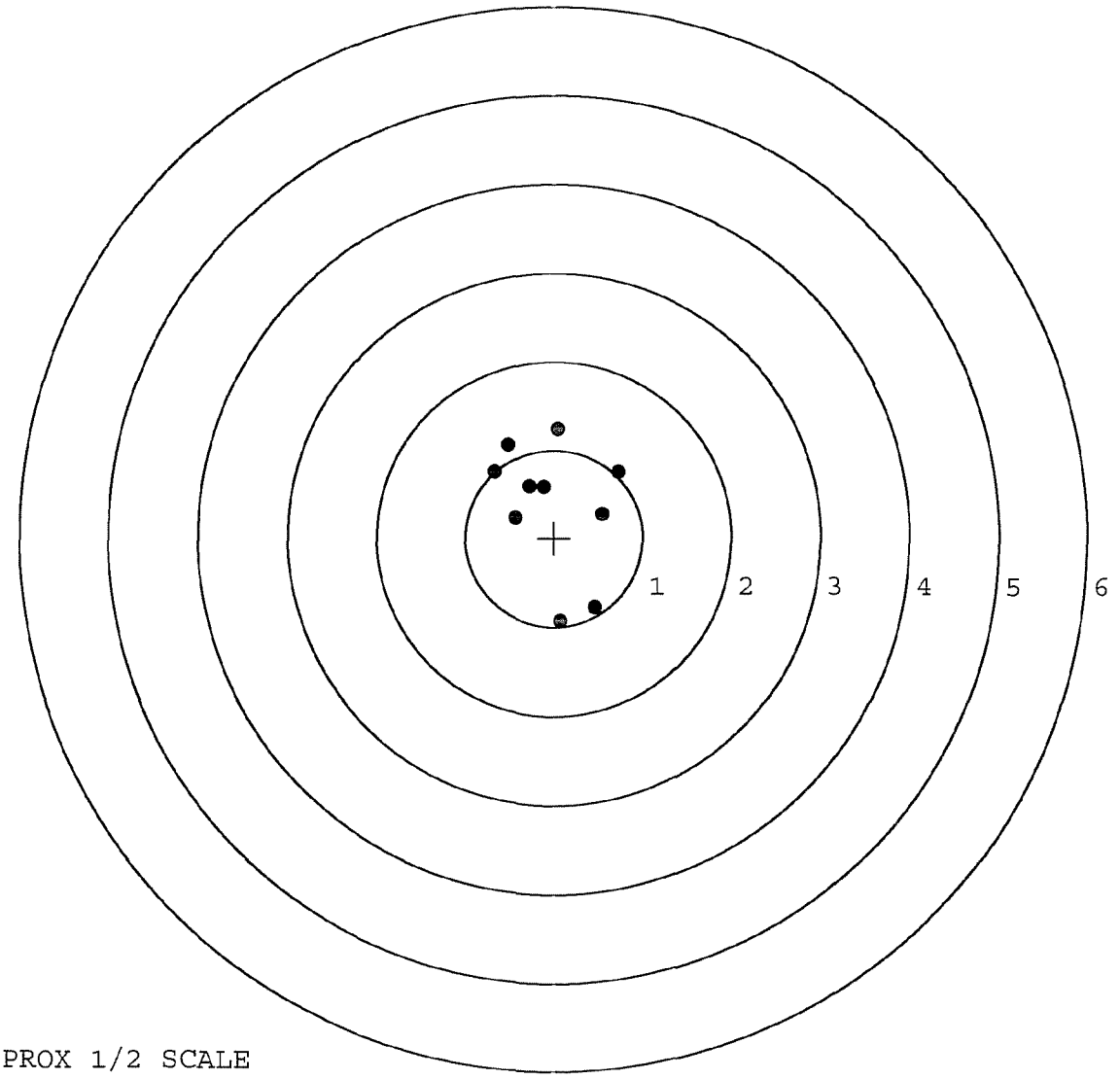


TARGET APPROX 1/2 SCALE

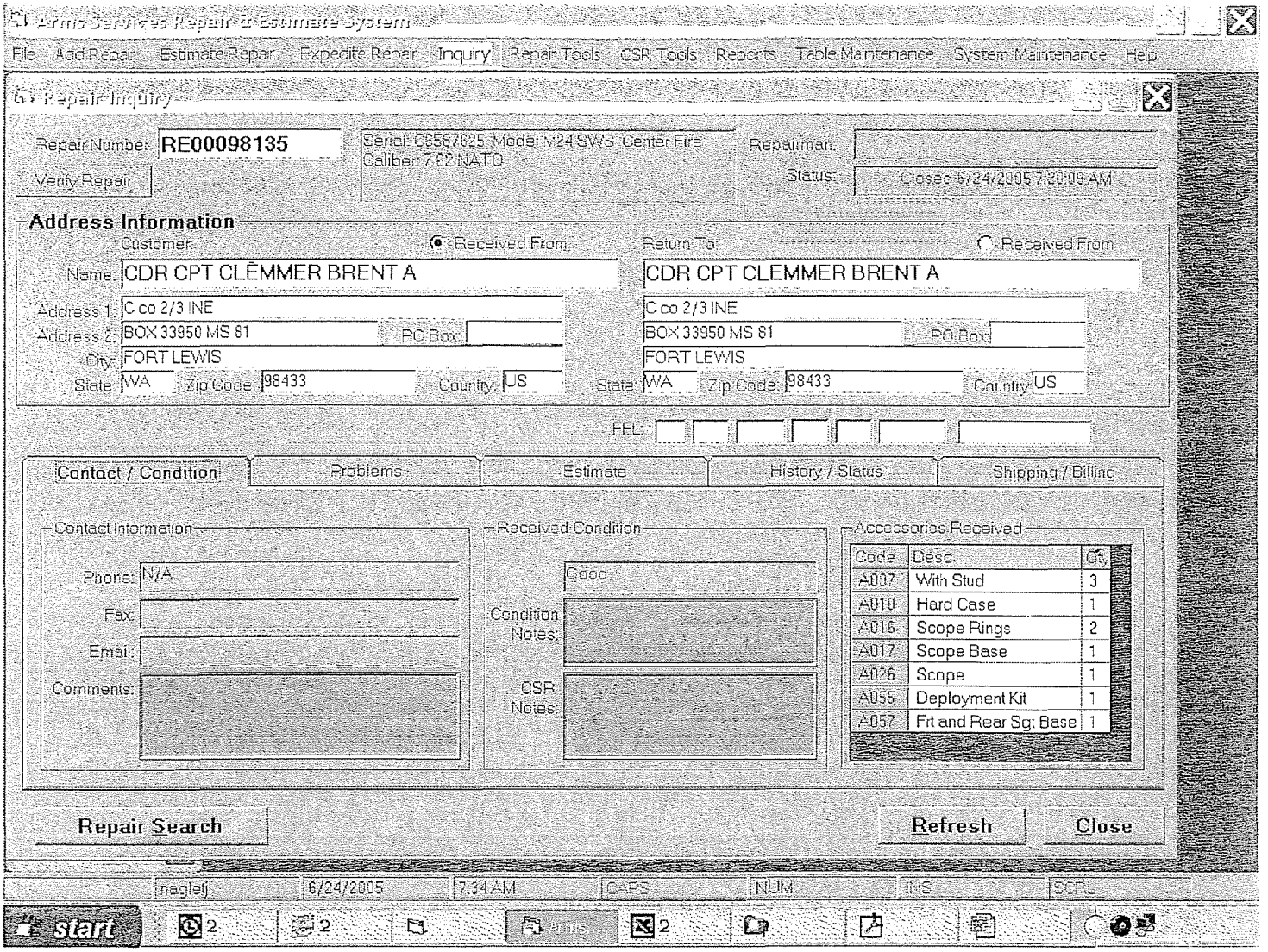
SERIAL NUMBER: G6738643.__0
TARGET NUMBER: 5
FILE DATE: 02/10/2009
FILE TIME: 05:14

X CENTROID:	-0.015
Y CENTROID:	0.372
POA TO CENTROID:	0.373
HORZ SPREAD:	1.399
VERT SPREAD:	2.182
GROUP SPREAD:	2.182
MIN RADIUS:	0.232
MAX RADIUS:	1.318
MEAN RADIUS:	0.748
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.079	-0.942
2:	0.466	-0.793
3:	0.543	0.270
4:	0.730	0.747
5:	0.052	1.240
6:	-0.669	0.751
7:	-0.520	1.059
8:	-0.279	0.588
9:	-0.114	0.582
10:	-0.440	0.222



TARGET APPROX 1/2 SCALE



Serial Number: C65587625

Model: M24 SWS

RE00098135

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587625.__1
FILE DATE AND TIME: 08/08/2005 11:14

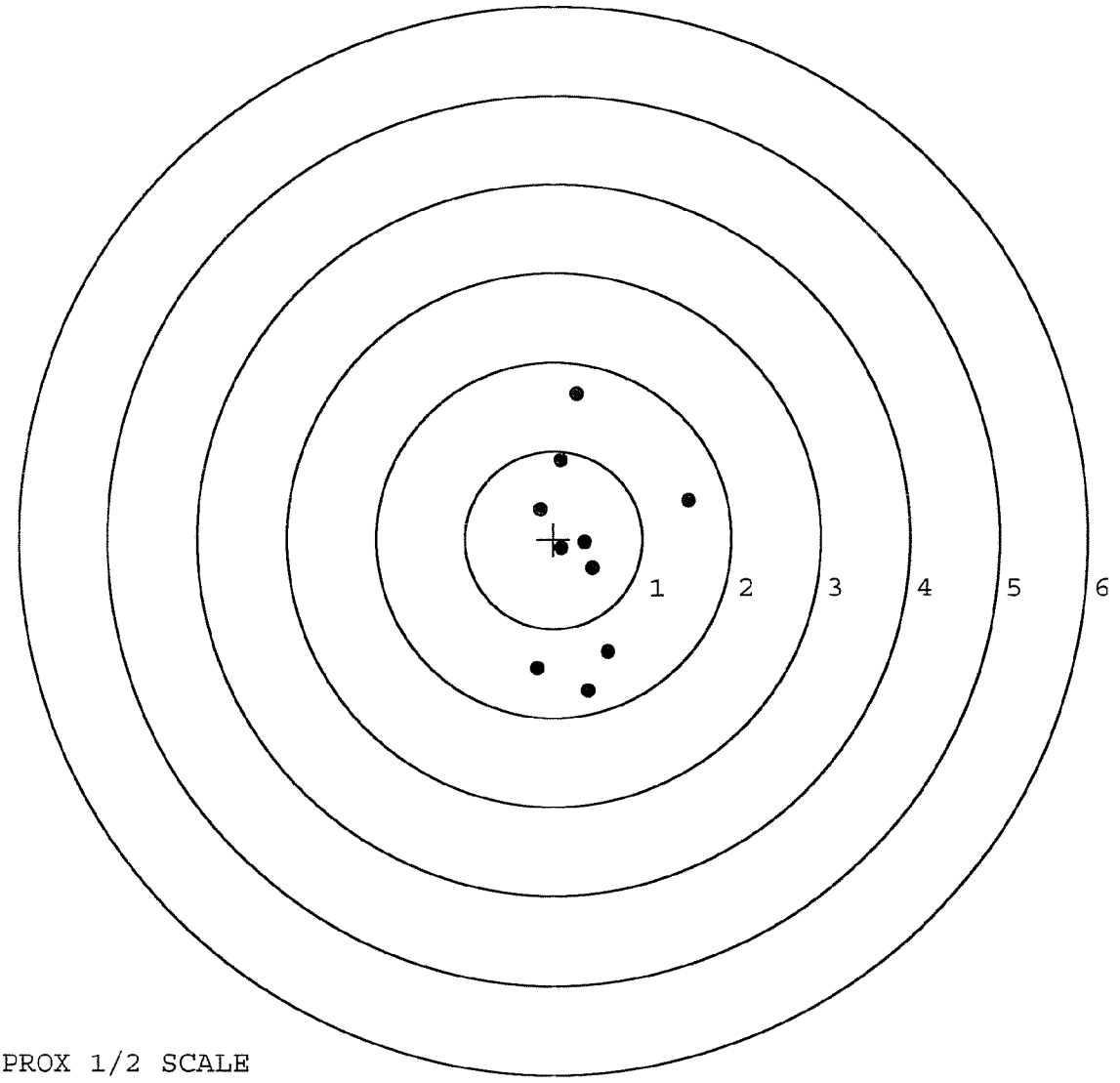
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.060
The Average Y Centroid of the Five Target Set:	0.090
The Average Point of Impact of the Five Target Set:	0.108
The Average Mean Radius of the Five Target Set:	0.966
The Distance from POA to Centroid Target #1:	0.374
The Distance from Centroid Target #2 to Centroid Target #1:	0.393
The Distance from Centroid Target #3 to Centroid Target #1:	0.593
The Distance from Centroid Target #4 to Centroid Target #1:	0.839
The Distance from Centroid Target #5 to Centroid Target #1:	0.146

SERIAL NUMBER: C6587625.__1
TARGET NUMBER: 1
FILE DATE: 08/08/2005
FILE TIME: 11:14

X CENTROID:	0.339
Y CENTROID:	-0.159
POA TO CENTROID:	0.374
HORZ SPREAD:	1.706
VERT SPREAD:	3.346
GROUP SPREAD:	3.349
MIN RADIUS:	0.120
MAX RADIUS:	1.804
MEAN RADIUS:	0.955
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.607	-1.264
2:	0.393	-1.702
3:	-0.191	-1.451
4:	0.437	-0.333
5:	0.348	-0.039
6:	0.091	-0.104
7:	-0.149	0.334
8:	0.080	0.897
9:	1.515	0.432
10:	0.261	1.644

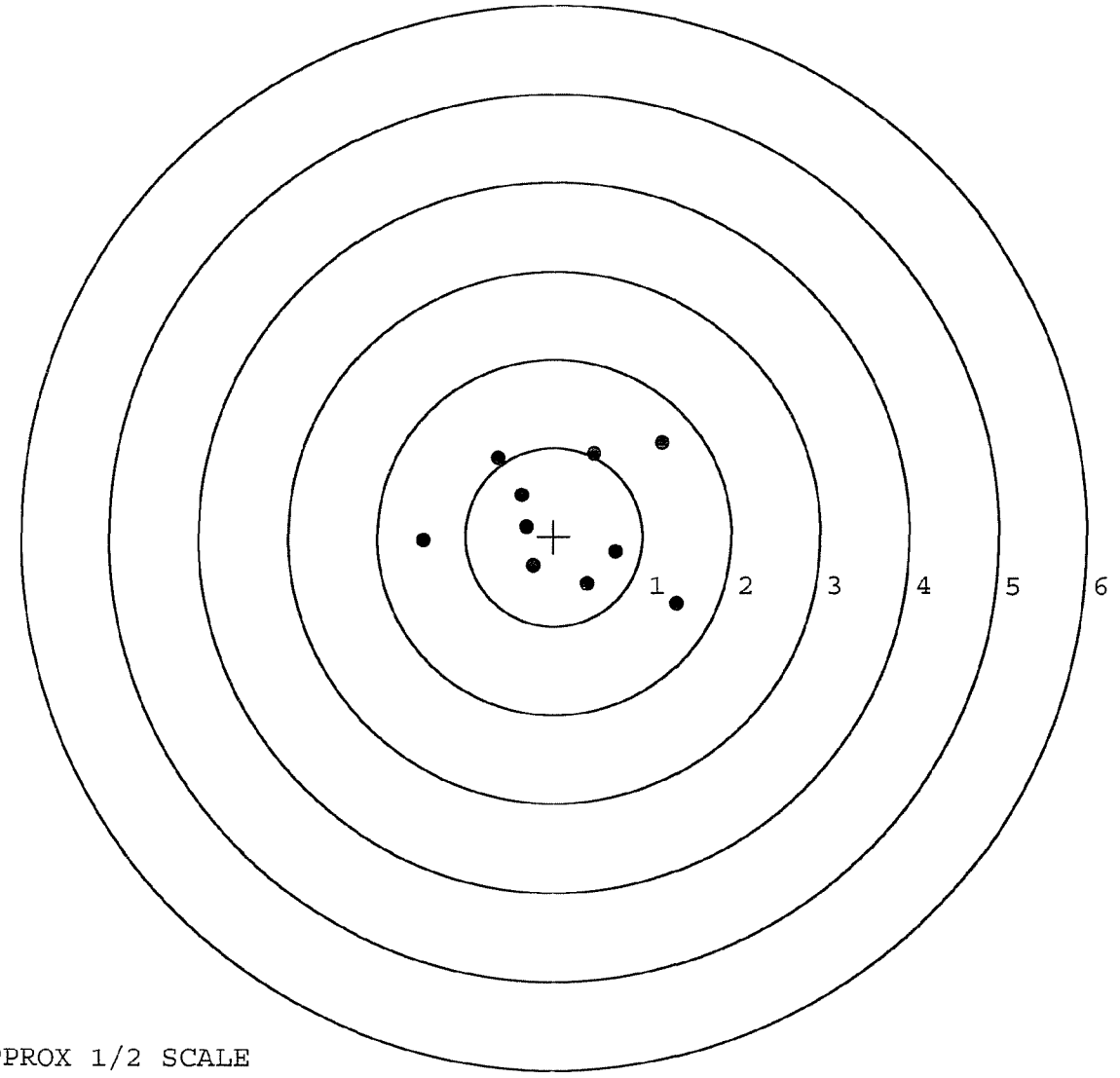


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__1
TARGET NUMBER: 2
FILE DATE: 08/08/2005
FILE TIME: 11:14

X CENTROID:	0.110
Y CENTROID:	0.160
POA TO CENTROID:	0.194
HORZ SPREAD:	2.864
VERT SPREAD:	1.801
GROUP SPREAD:	2.948
MIN RADIUS:	0.429
MAX RADIUS:	1.603
MEAN RADIUS:	0.948
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.385	-0.749
2:	0.695	-0.177
3:	0.378	-0.531
4:	-0.240	-0.327
5:	-0.316	0.111
6:	-0.369	0.464
7:	-0.629	0.882
8:	-1.479	-0.051
9:	0.456	0.927
10:	1.219	1.052

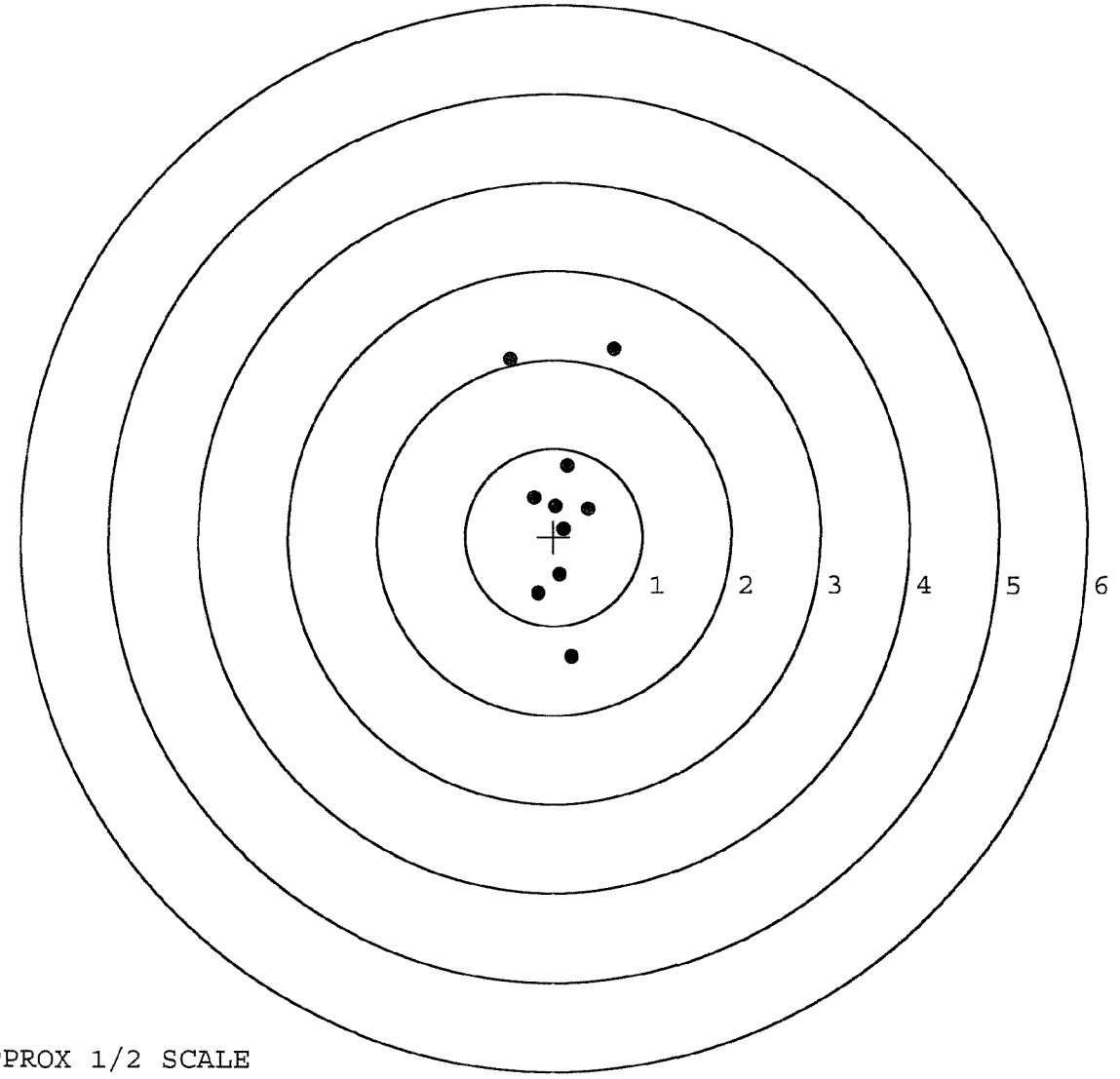


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__1
TARGET NUMBER: 3
FILE DATE: 08/08/2005
FILE TIME: 11:14

X CENTROID:	0.072
Y CENTROID:	0.371
POA TO CENTROID:	0.378
HORZ SPREAD:	1.169
VERT SPREAD:	3.476
GROUP SPREAD:	3.507
MIN RADIUS:	0.058
MAX RADIUS:	1.855
MEAN RADIUS:	0.858
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	0.206	-1.351
2:	-0.180	-0.643
3:	0.069	-0.433
4:	0.386	0.316
5:	0.118	0.087
6:	0.018	0.349
7:	-0.232	0.444
8:	0.150	0.804
9:	-0.494	2.009
10:	0.675	2.125

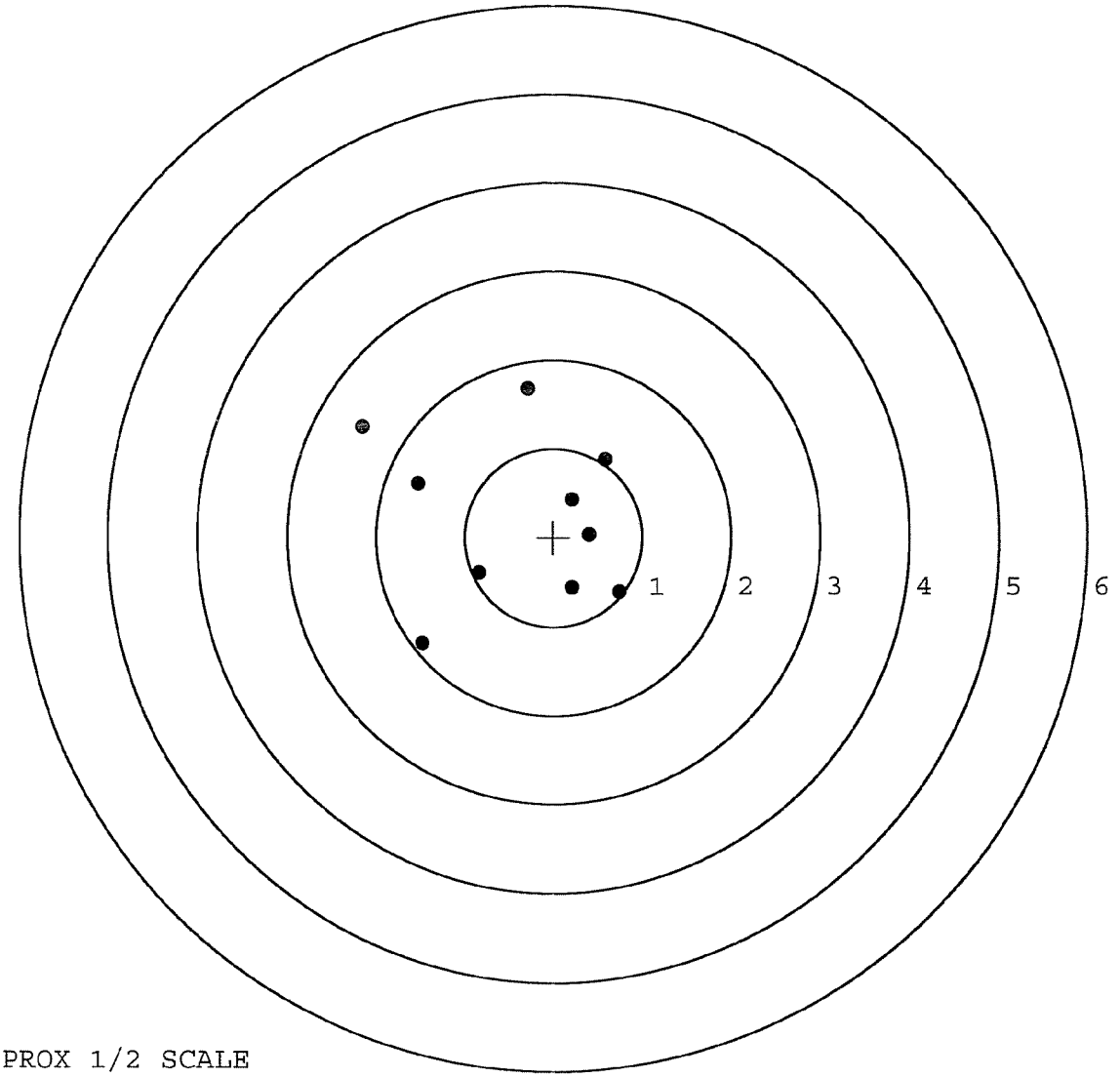


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__1
TARGET NUMBER: 4
FILE DATE: 08/08/2005
FILE TIME: 11:14

X CENTROID:	-0.415
Y CENTROID:	0.208
POA TO CENTROID:	0.464
HORZ SPREAD:	2.897
VERT SPREAD:	2.866
GROUP SPREAD:	3.443
MIN RADIUS:	0.663
MAX RADIUS:	2.026
MEAN RADIUS:	1.230
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.740	-0.619
2:	0.212	-0.563
3:	-0.843	-0.398
4:	-1.481	-1.189
5:	-1.530	0.605
6:	-2.157	1.242
7:	-0.287	1.677
8:	0.582	0.877
9:	0.212	0.424
10:	0.403	0.028

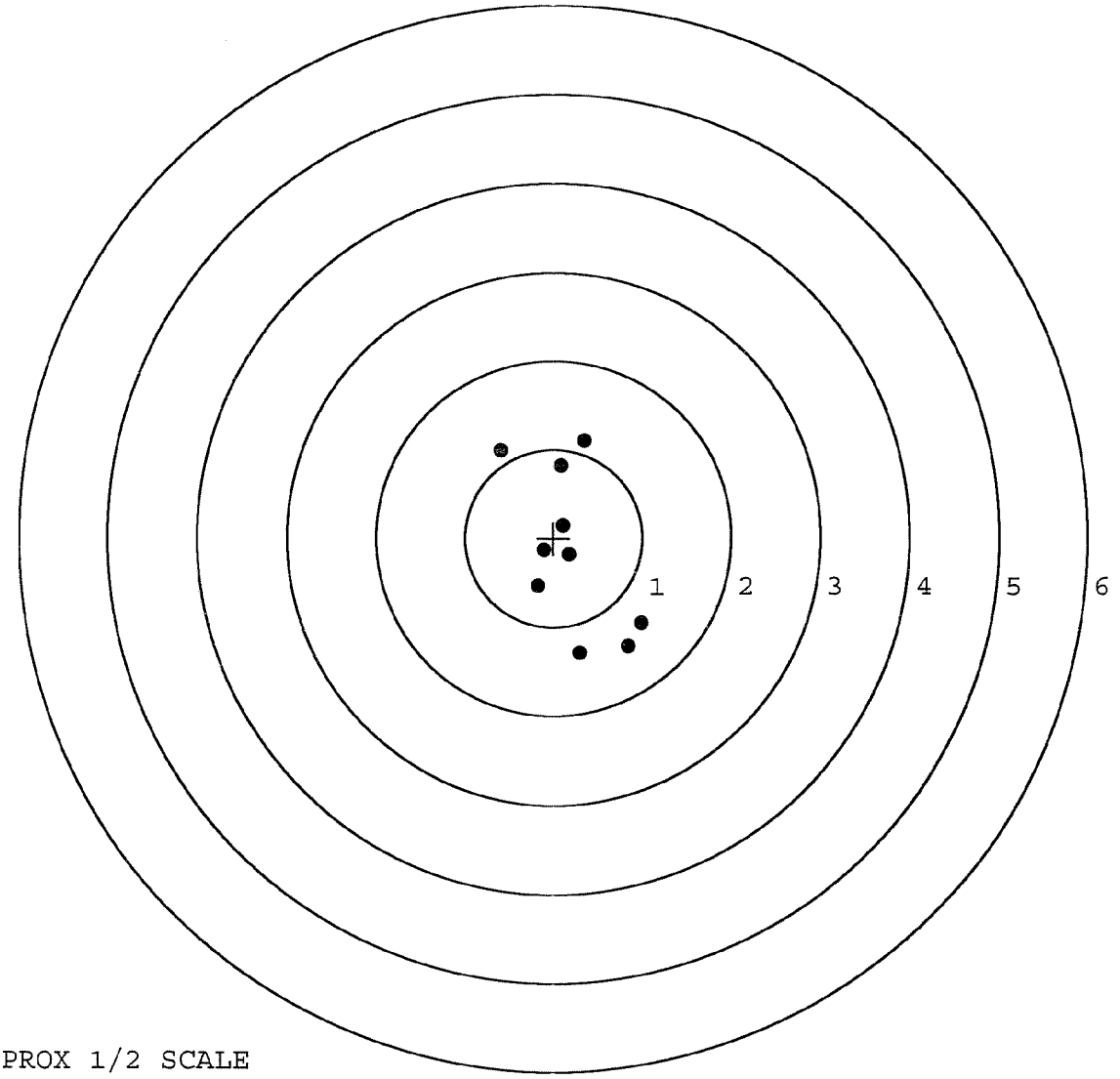


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__1
TARGET NUMBER: 5
FILE DATE: 08/08/2005
FILE TIME: 11:14

X CENTROID:	0.196
Y CENTROID:	-0.131
POA TO CENTROID:	0.236
HORZ SPREAD:	1.587
VERT SPREAD:	2.393
GROUP SPREAD:	2.640
MIN RADIUS:	0.062
MAX RADIUS:	1.373
MEAN RADIUS:	0.837
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.988	-0.964
2:	0.842	-1.223
3:	0.298	-1.296
4:	-0.179	-0.544
5:	0.177	-0.190
6:	-0.112	-0.134
7:	0.110	0.142
8:	0.350	1.097
9:	0.087	0.816
10:	-0.599	0.989



TARGET APPROX 1/2 SCALE

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

R.& E NUMBER	98135		
SERIAL NUMBER	CC0587625		
LOG-IN DATE	6-24-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-24-05	RTL
560 A	RE-BARREL	6-27-05	RTL
B	DRILL AND TAP	7-5-05	TRW
575	ASSEMBLE	6-27-05	RTL
600	PROOF	7-5-05	RTL
605	CHECK HEADSPACE	7-5-05	RTL
610	DIS-ASSEMBLE GUN	7-5-05	RTL
612	MAGNAFLUX	7/6/05	
615	ROLLMARK CALIBER	7-6-05	CN
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7+8-05	WJ
625 A	FINAL ASSEMBLY	8-1-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-9-05	AC
D	SAFETY "OFF" FORCE	8-9-05	AC
E	FIRING PIN INDENT	8-9-05	AC
640	TARGET	8-8-05	TRW
655	FINAL INSPECT	8-9-05	AC
660	PACK	8-10-05	QA
		SHIP DATE	
	QAR INSPECTION DATE		

WASHM - PCUA
INSPECTED
JUL 0 6 2005
OPERATOR

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: RE00069146

Verify Repair

Serial: C6587625 Model 700 Center Fire Caliber: 7 62 NATO M/24 SWS

Repairman:

Status: New 8/25/2003 11:37:44 AM

Address Information

	Customer: (Received From)	Return To: (Received From)
Name:	3RD BDE	3RD BDE
Address 1:	BLDG 03213 FAITH AVE	BLDG 03213 FAITH AVE
Address 2:	1 LT MCCULLOUGH2539665588 PO Box:	1 LT MCCULLOUGH2539665588 PO Box:
City:	FT LEWIS	FT LEWIS
State:	WA Zip Code: 98433 Country: US	WA Zip Code: 98433 Country: US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
C000	FRT AND REAR BASE	1
C001	DEPLOYMENT KIT	1

Repair Search | Refresh | Close

nagletj | 8/25/2003 | 12:43 PM | CAPS | NUM | INS | SCRL

Start | 5 Micros... | Arms Servi... | Part Searc... | 2 Interm... | 2 Micros... | CERTIFIC... | 12:43 PM

Serial Number: C6587625

Model: 700

RE00069146

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

SERIAL # C1658 7625 INSPECTED BY: RTL

DATE REC'D: 8-25-03 DATE RET'D: 9-16-03

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: New Deployment Kit - avail Sling

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

R & E NUMBER	609146		
SERIAL NUMBER	C6587625		
LOG-IN DATE	8-25-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-25-03	RTL
560 A	RE-BARREL	8-27-03	RTL
B	DRILL AND TAP	8-27-03	TRW
575	ASSEMBLE	8-27-03	RTL
600	PROOF MAGNA-FLUX INSPECTED	8-27-03	AC
605	CHECK HEADSPACE AUG 27 2003	8-27-03	AC
610	DIS-ASSEMBLE GUN	8-27-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	8-28-03	JB
618	ROTO-BLAST	8-29-03	JB
620	APPLY COATINGS	9-12	JA
625 A	FINAL ASSEMBLY	9-15-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	N/A	
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	9-16-03	AC
655	FINAL INSPECT	9-16-03	DA
660	PACK	9-16-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

C 6587625

Refurbish and Rebarrel Rifle and optic.

Please refill deployment kit.

We do not need iron sights or Torque wrench.

PACKING LIST	PACKED BY	1. NO. BOXES	2a. REQUISITION NO.
	SGT BRADLEY DOUGLAS	1	2b. ORDER NO.
3. END ITEM M24 SNIPER WEAPON SYSTEM			4. DATE 20 AUG 03
			5. PAGE 1 OF 1 PAGES

BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED		
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
#5	M24 SNIPER RIFLE S/N C6587625 M3A DAY OPTIC S/N 900611 DEPLOYMENT KIT	1	1	0	1

6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES

TYPED NAME AND TITLE	SIGNATURE
DOUGLAS, BRADLEY M. SNIPER SECTION SGT	Bradley M Douglas

DD Form 1750, SEP 70

USAPPC V1.00

PACKING LIST	PACKED BY	1. NO. BOXES	2a. REQUISITION NO.
	SGT BRADLEY DOUGLAS	1	2b. ORDER NO.

3. END ITEM	4. DATE
M24 SNIPER WEAPON SYSTEM	20 AUG 03
	5. PAGE 1 OF 1 PAGES

BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED		
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
#5	M24 SNIPER RIFLE S/N C6587625 M3A DAY OPTIC S/N 900611 DEPLOYMENT KIT	1	1	0	1

6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES

TYPED NAME AND TITLE	SIGNATURE
DOUGLAS, BRADLEY M. SNIPER SECTION SGT	Bradley M Douglas

DD Form 1750, SEP 70

USAPPC V1.00

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587625.__0
FILE DATE AND TIME: 09/16/2003 09:59

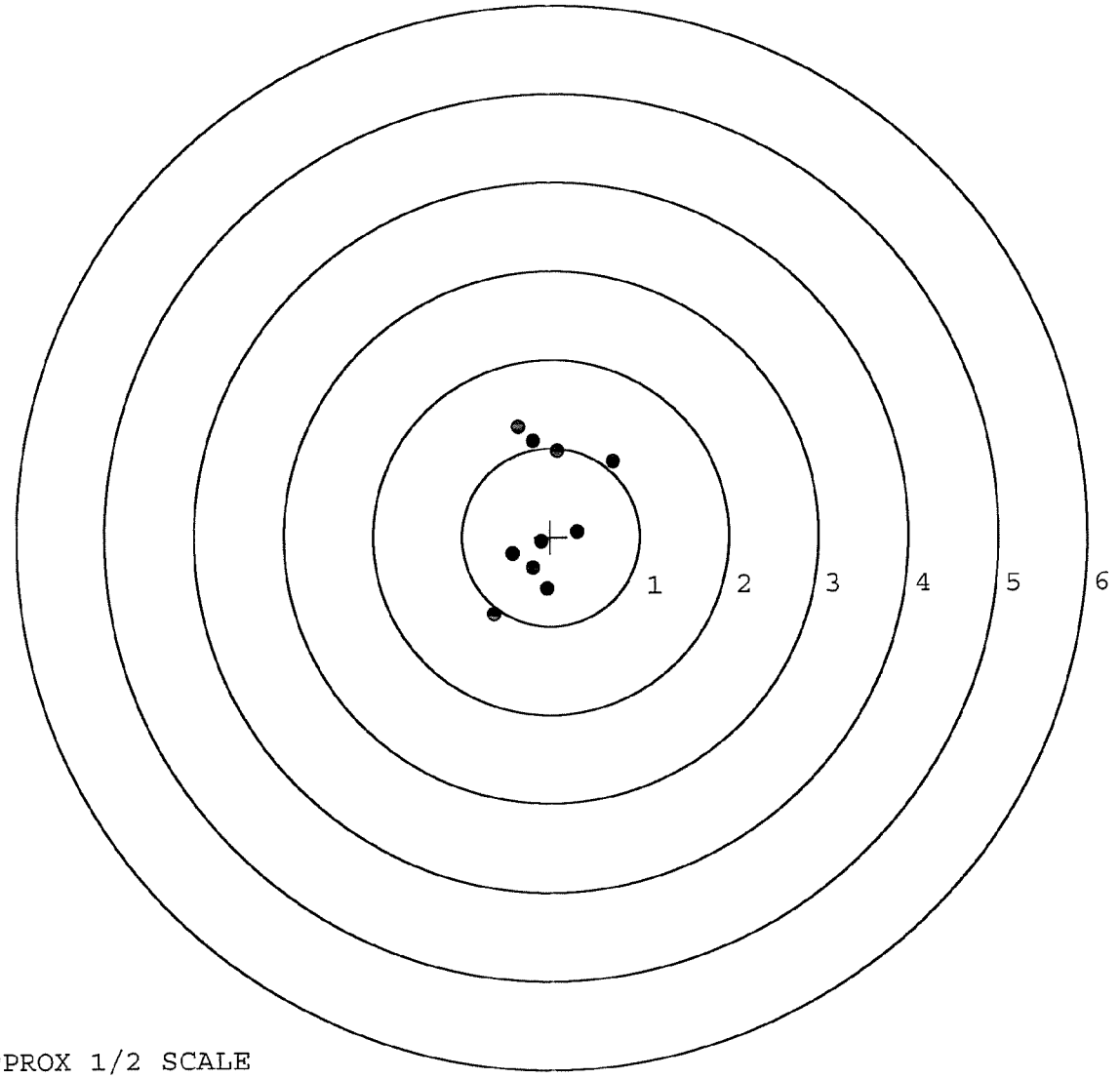
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POA to Centroid Target #1:	0.233
The Distance from Centroid Target #2 to Centroid Target #1:	0.328
The Distance from Centroid Target #3 to Centroid Target #1:	0.163
The Distance from Centroid Target #4 to Centroid Target #1:	0.310
The Distance from Centroid Target #5 to Centroid Target #1:	0.238

SERIAL NUMBER: C6587625.__0
TARGET NUMBER: 1
FILE DATE: 09/16/2003
FILE TIME: 09:59

X CENTROID:	-0.091
Y CENTROID:	0.215
POA TO CENTROID:	0.233
HORZ SPREAD:	1.349
VERT SPREAD:	2.117
GROUP SPREAD:	2.180
MIN RADIUS:	0.274
MAX RADIUS:	1.220
MEAN RADIUS:	0.754
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.703	0.841
2:	0.084	0.969
3:	-0.197	1.086
4:	-0.363	1.245
5:	0.298	0.058
6:	-0.043	-0.583
7:	-0.646	-0.872
8:	-0.112	-0.058
9:	-0.201	-0.352
10:	-0.430	-0.187

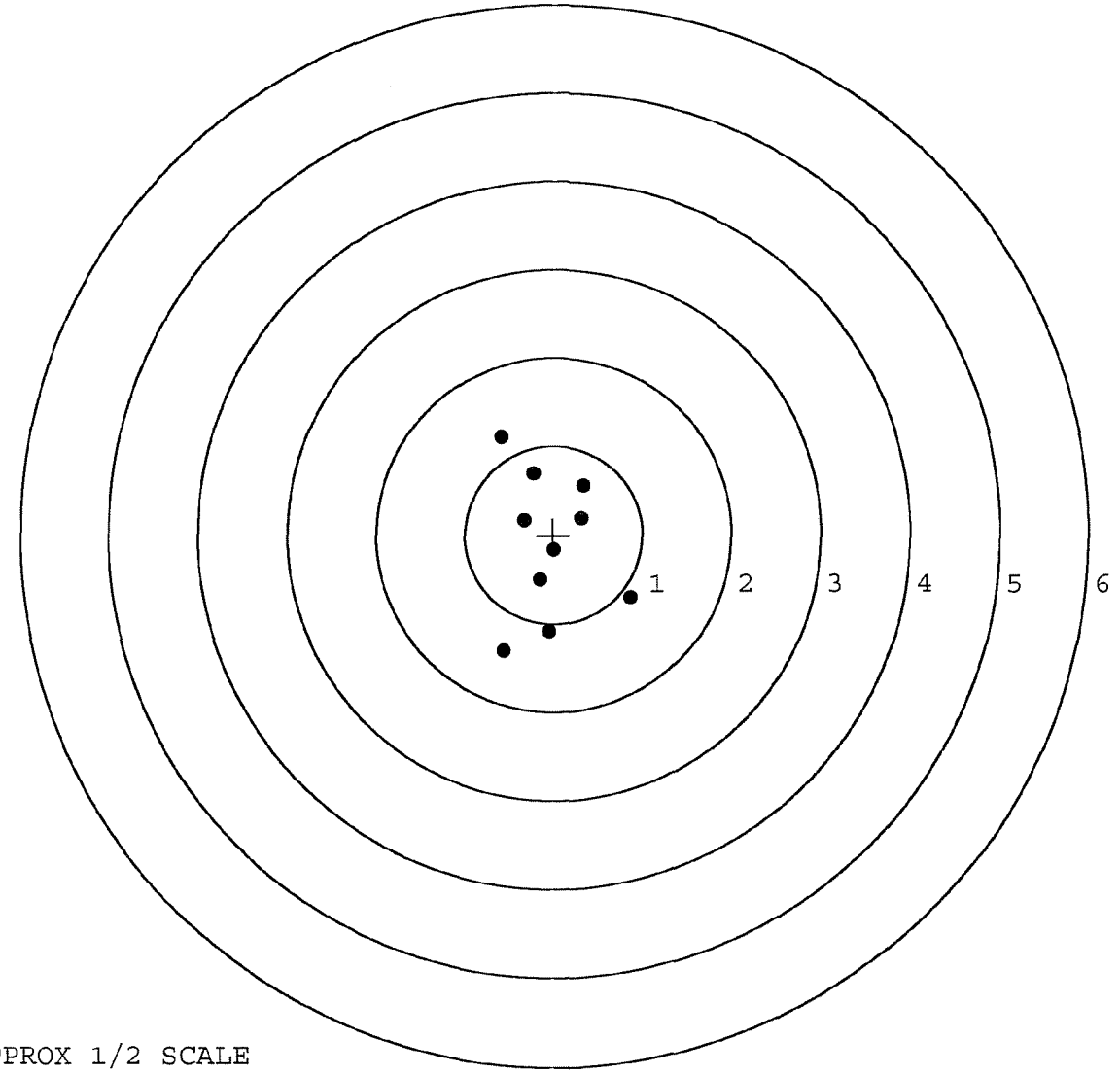


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__0
TARGET NUMBER: 2
FILE DATE: 09/16/2003
FILE TIME: 09:59

X CENTROID:	-0.038
Y CENTROID:	-0.109
POA TO CENTROID:	0.116
HORZ SPREAD:	1.461
VERT SPREAD:	2.412
GROUP SPREAD:	2.412
MIN RADIUS:	0.080
MAX RADIUS:	1.332
MEAN RADIUS:	0.766
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.870	-0.713
2:	-0.047	-1.094
3:	-0.558	-1.310
4:	-0.149	-0.513
5:	0.013	-0.171
6:	-0.335	0.164
7:	0.307	0.193
8:	0.338	0.558
9:	-0.232	0.689
10:	-0.591	1.102

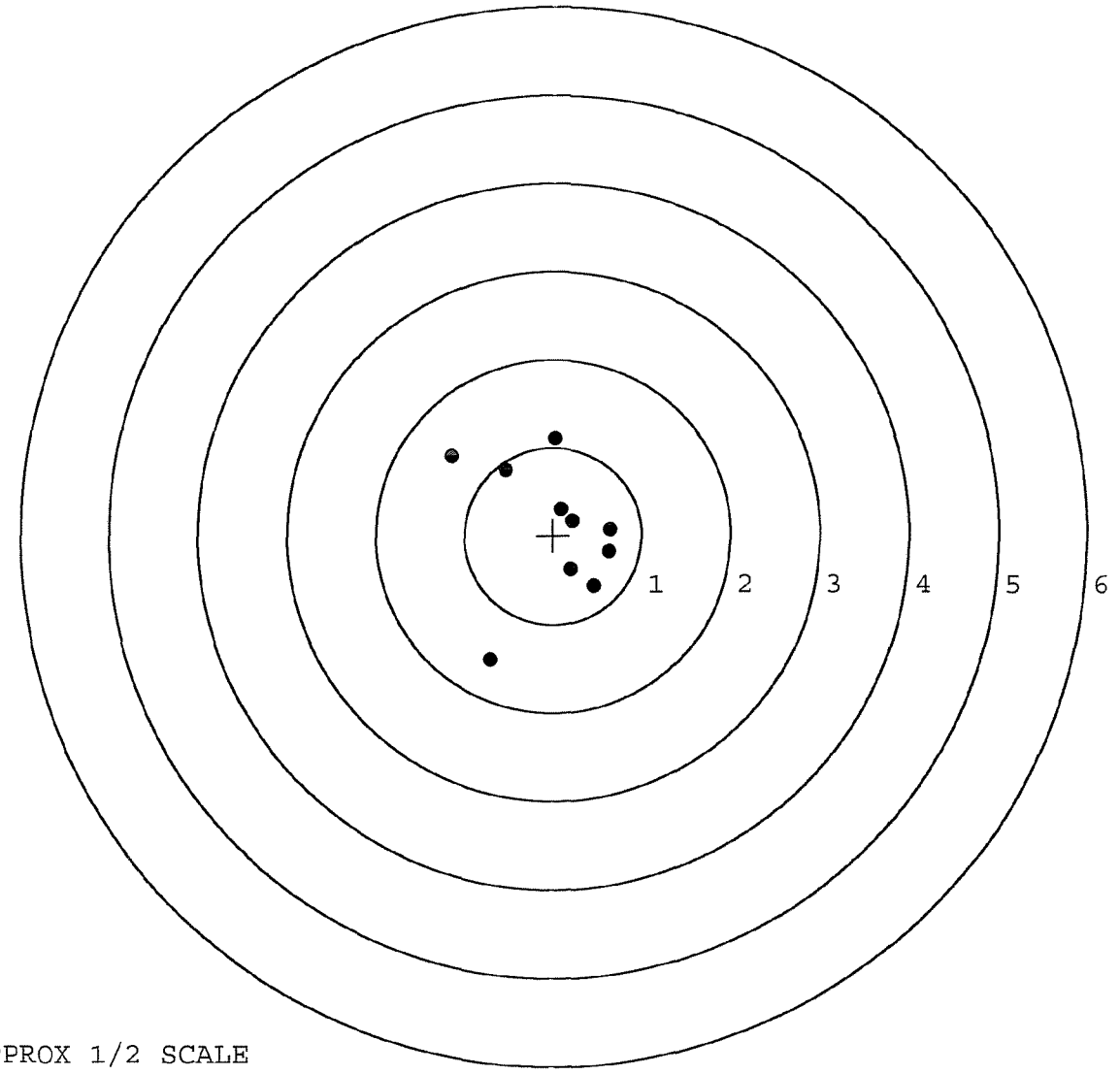


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__0
TARGET NUMBER: 3
FILE DATE: 09/16/2003
FILE TIME: 09:59

X CENTROID:	-0.010
Y CENTROID:	0.073
POA TO CENTROID:	0.073
HORZ SPREAD:	1.783
VERT SPREAD:	2.507
GROUP SPREAD:	2.613
MIN RADIUS:	0.245
MAX RADIUS:	1.633
MEAN RADIUS:	0.806
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.706	-1.405
2:	0.217	0.168
3:	0.092	0.296
4:	0.031	1.102
5:	-0.535	0.744
6:	-1.142	0.894
7:	0.201	-0.386
8:	0.463	-0.570
9:	0.639	-0.183
10:	0.641	0.067

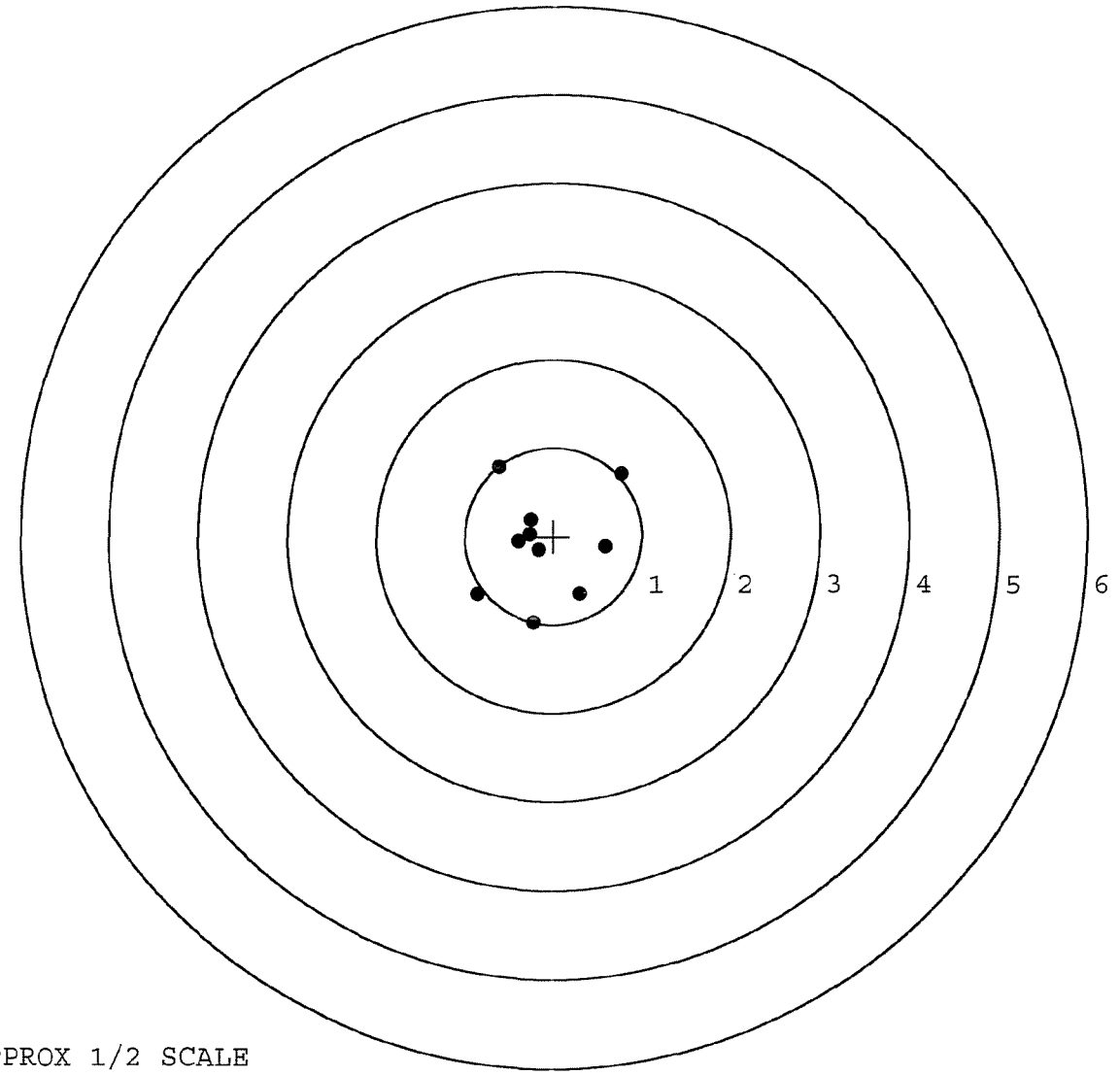


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__0
TARGET NUMBER: 4
FILE DATE: 09/16/2003
FILE TIME: 09:59

X CENTROID:	-0.112
Y CENTROID:	-0.094
POA TO CENTROID:	0.146
HORZ SPREAD:	1.623
VERT SPREAD:	1.759
GROUP SPREAD:	2.123
MIN RADIUS:	0.081
MAX RADIUS:	1.188
MEAN RADIUS:	0.631
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.221	-0.982
2:	-0.854	-0.666
3:	0.306	-0.657
4:	0.588	-0.123
5:	0.769	0.703
6:	-0.618	0.777
7:	-0.257	0.191
8:	-0.398	-0.056
9:	-0.164	-0.156
10:	-0.267	0.024

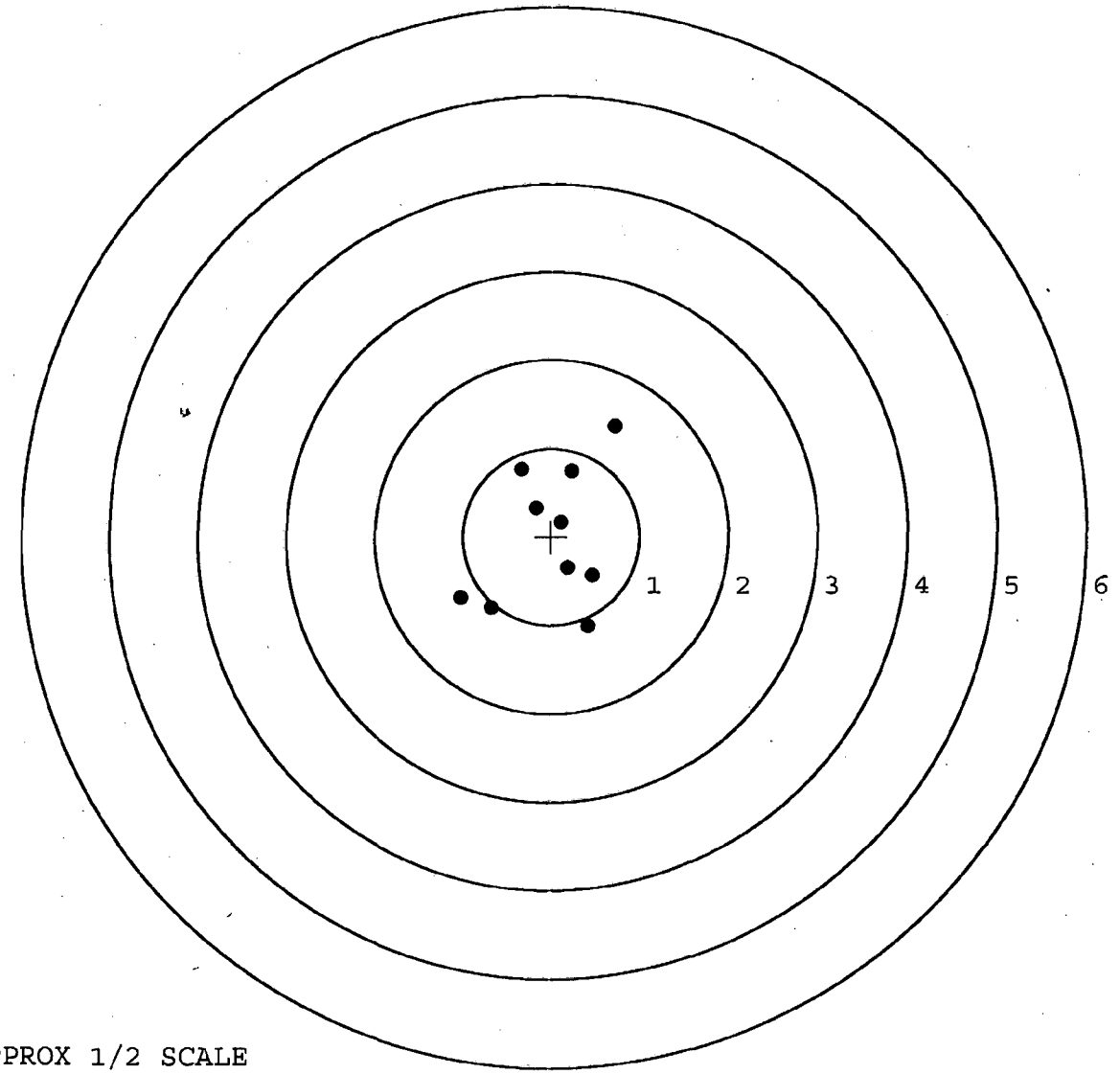


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587625.__0
TARGET NUMBER: 5
FILE DATE: 09/16/2003
FILE TIME: 09:59

X CENTROID:	-0.008
Y CENTROID:	-0.008
POA TO CENTROID:	0.011
HORZ SPREAD:	1.741
VERT SPREAD:	2.271
GROUP SPREAD:	2.614
MIN RADIUS:	0.209
MAX RADIUS:	1.455
MEAN RADIUS:	0.808
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.421	-1.018
2:	0.473	-0.445
3:	0.191	-0.358
4:	-0.674	-0.809
5:	-1.023	-0.697
6:	0.718	1.253
7:	0.232	0.742
8:	-0.344	0.765
9:	-0.179	0.322
10:	0.109	0.166



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN Scope 91-0243

ORDER: R 94-18092

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6587625		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

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

SHIP TO:

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

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

- New Barrel
- Trigger Assy
- Front & Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			A	A	
GALLERY TESTER	DATE	DATE	DATE 4/12/96	DATE 4/12/96	DATE

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587625
DATE 3/9/96
TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.77	2.36		2.58	MIN. SETTING,
PULL #2	2.63	2.38		2.40	NO AVG. OF 5
PULL #3	2.55	2.03		2.49	READINGS ACCEPT-
PULL #4	2.76	2.63		2.50	ABLE LESS THAN 2#
PULL #5	2.40	2.39		2.62	
TOTAL	13.11	11.79		12.59	
AVG.	2.622	2.358		2.518	

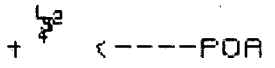
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.44		
PULL #2	3.51	3.43		
PULL #3	3.40	3.36		
PULL #4	3.56	3.48		
PULL #5	3.53	3.28		
TOTAL	17.42	16.99		
AVG.	3.484	3.398		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.44		4.23
PULL #2	4.27	4.25		3.97
PULL #3	4.26	3.96		3.94
PULL #4	4.21	4.21		4.06
PULL #5	4.19	4.26		4.07
TOTAL	21.38	20.82		20.27
AVG.	4.276	4.164		4.054

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587625
11 Feb 1900

CENTROIDAL DISTANCES

0	TO	1	.788906
1	TO	2	.388542
1	TO	3	.255049
1	TO	4	.438749
1	TO	5	.304245

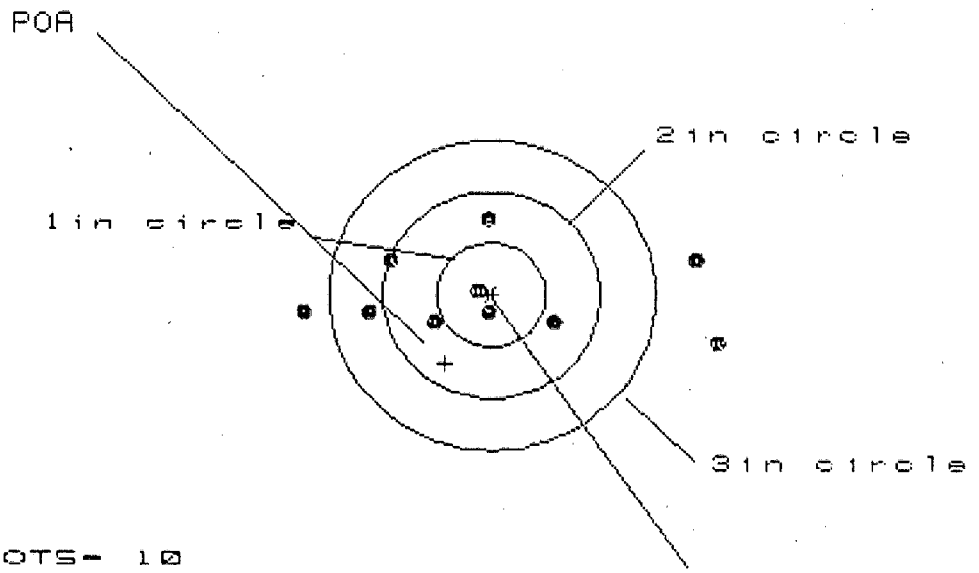


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4736
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .759224

THE AMR FOR THIS RIFLE IS: 1.065

11 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

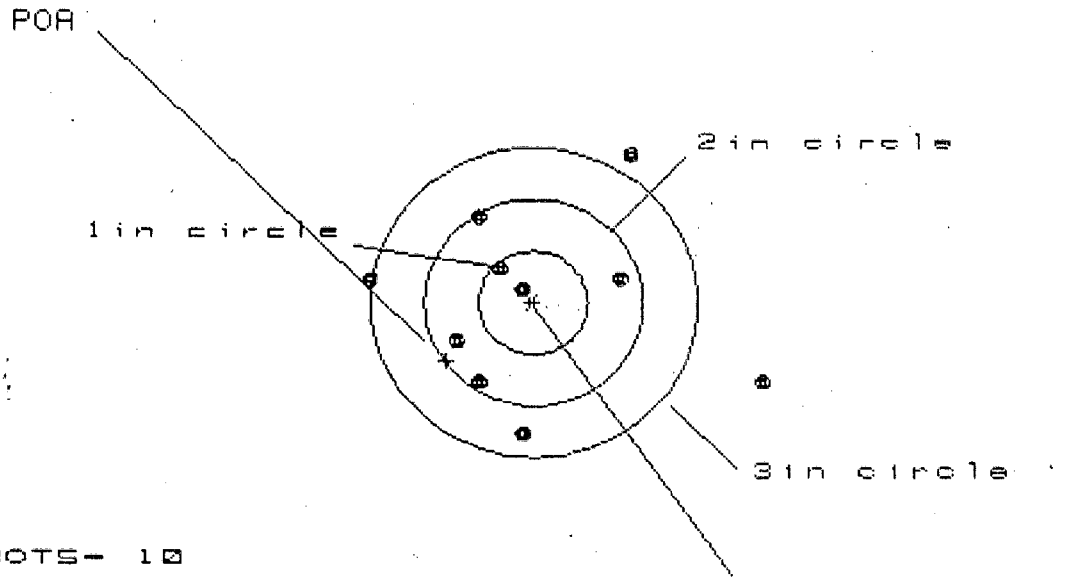
# IN CIR
1in = 2
2in = 6
3in = 7

HS= 3.831
VS= 1.120
GS= 3.839

PATTERN #	:	#1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.087	2.114	1.107
MINIMUM X	:	-1.744	-1.512	-1.248
MAXIMUM Y	:	.701	.654	.692
MINIMUM Y	:	-.419	-.293	-.255
CENTROID X	:	.426	.194	-.071
CENTROID Y	:	.664	.711	.673
POA TO CENTROID in.	:	.789	.737	.677
MIN RADIUS	:	.105	.135	.248
MEAN RADIUS	:	1.016	.858	.688
MAX RADIUS	:	2.129	2.136	1.261
HORIZONTAL SPREAD	:	3.831	3.626	2.355
VERTICAL SPREAD	:	1.120	.947	.947
EXTREME SPREAD	:	3.839	3.663	2.356
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

11 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

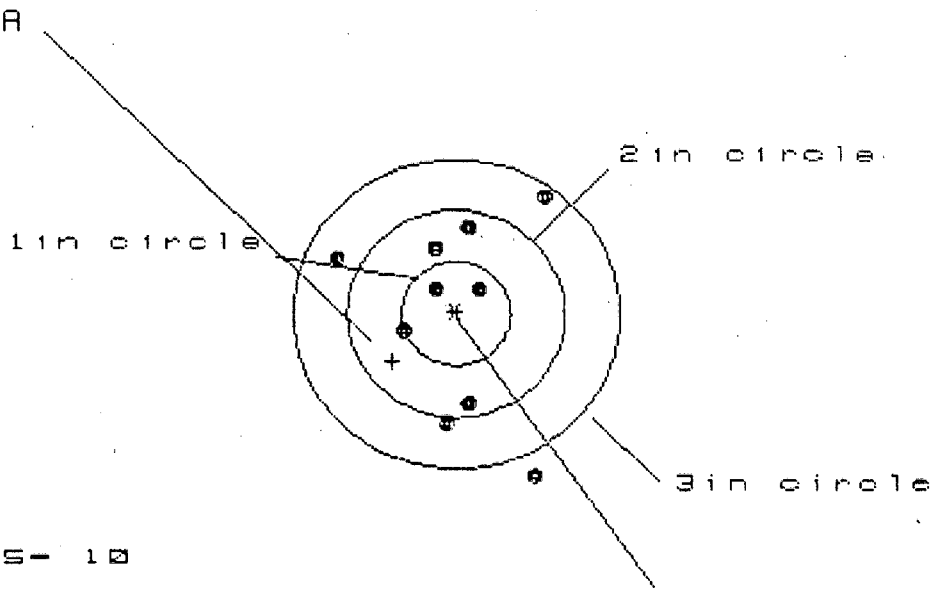
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 3.554
VS= 2.703
GS= 3.705

PATTERN #	:	#2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.097	1.101	1.122
MINIMUM X	:	-1.457	-1.224	-1.086
MAXIMUM Y	:	1.467	1.377	.885
MINIMUM Y	:	-1.236	-1.326	-1.154
CENTROID X	:	.803	.570	.432
CENTROID Y	:	.570	.660	.488
POA TO CENTROID in.	:	.985	.872	.652
MIN RADIUS	:	.226	.120	.340
MEAN RADIUS	:	1.078	.889	.782
MAX RADIUS	:	2.247	1.763	1.187
HORIZONTAL SPREAD	:	3.554	2.325	2.208
VERTICAL SPREAD	:	2.703	2.703	2.039
EXTREME SPREAD	:	3.705	2.868	2.208
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 3



\# OF SHOTS= 10

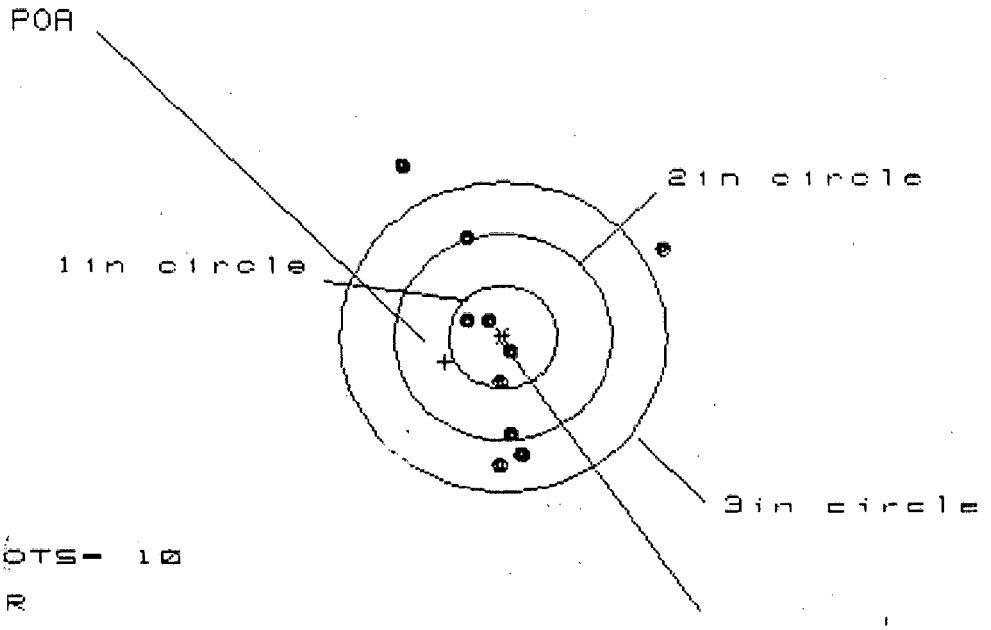
\# IN CIR
1in = 3
2in = 6
3in = 9

HS= 1.845
VS= 2.735
GS= 2.848

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.773	.855	.413
MINIMUM X	:	-1.072	-.990	-.883
MAXIMUM Y	:	1.127	.948	.752
MINIMUM Y	:	-1.608	-1.205	-1.087
CENTROID X	:	.583	.501	.394
CENTROID Y	:	.463	.641	.523
POA TO CENTROID in.	:	.744	.813	.654
MIN RADIUS	:	.279	.120	.133
MEAN RADIUS	:	.891	.749	.685
MAX RADIUS	:	1.773	1.277	1.091
HORIZONTAL SPREAD	:	1.845	1.845	1.296
VERTICAL SPREAD	:	2.735	2.153	1.839
EXTREME SPREAD	:	2.848	2.321	1.920
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Feb 1988 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

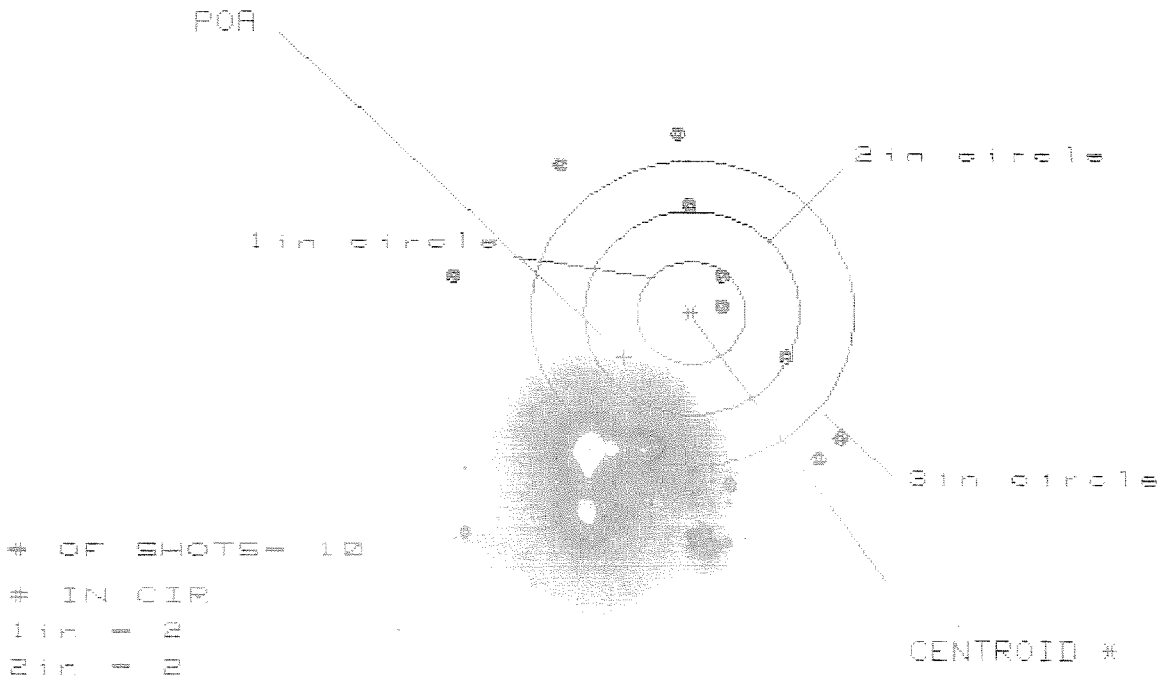
# IN CIR
1in = 4
2in = 5
3in = 8

HS= 2.371
VS= 2.920
GS= 3.057

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.425	1.320	.232
MINIMUM X	:	-.946	-.431	-.266
MAXIMUM Y	:	1.663	1.143	1.279
MINIMUM Y	:	-1.256	-1.072	-.936
CENTROID X	:	.531	.636	.471
CENTROID Y	:	.238	.054	-.082
POA TO CENTROID in.	:	.582	.638	.478
MIN RADIUS	:	.189	.033	.154
MEAN RADIUS	:	.914	.779	.643
MAX RADIUS	:	1.913	1.707	1.306
HORIZONTAL SPREAD	:	2.371	1.751	.498
VERTICAL SPREAD	:	2.920	2.215	2.215
EXTREME SPREAD	:	3.057	2.606	2.233
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

01 Feb 1900 FILE:/PATTERNING/CENTERFIRE_PATT/06587625

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR
1 in = 2
2 in = 2
3 in = 4

HS= 3.548
VS= 3.603
GS= 3.878

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.329	1.082	.993
MINIMUM X :	-2.219	-1.453	-1.542
MAXIMUM Y :	1.761	1.798	1.572
MINIMUM Y :	-1.841	-1.805	-1.615
CENTROID X :	.624	.871	.960
CENTROID Y :	.433	.397	.623
POA TO CENTROID in.:	.760	.957	1.144
MIN RADIUS :	.312	.115	.130
MEAN RADIUS :	1.425	1.281	1.160
MAX RADIUS :	2.244	2.073	1.987
HORIZONTAL SPREAD :	3.548	2.535	2.535
VERTICAL SPREAD :	3.603	3.603	3.167
EXTREME SPREAD :	3.878	3.729	3.729

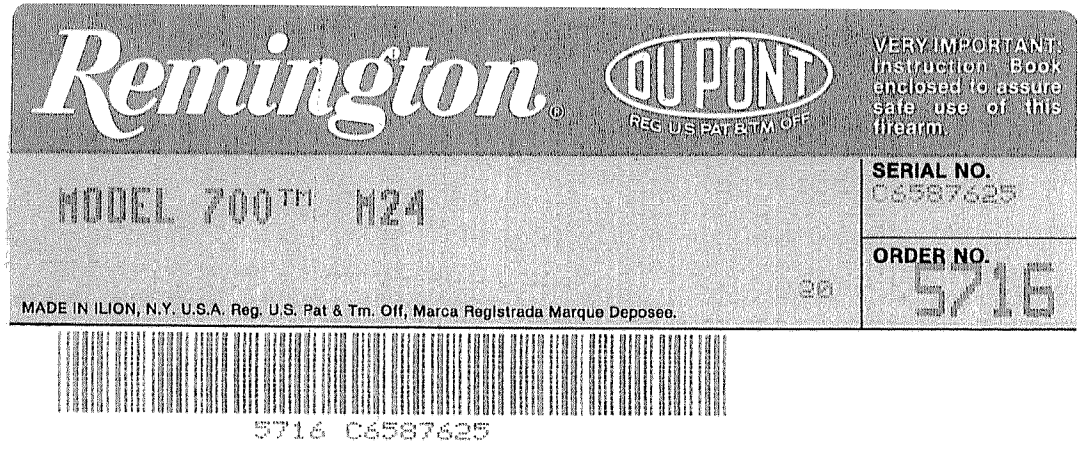
NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 2
NUMBER IN THREE INCH CIRCLE = 4

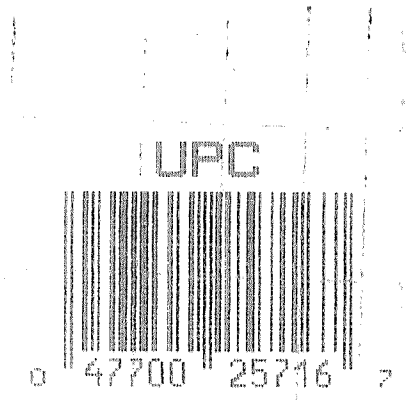
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587625

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	5	5	5			5/4/96	JW
	G) Safety Off Force	4	4	4			5/4/96	JW
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.41	2.41	2.44	2.49	2.48	5/4/96	JW
	C) Function							
660	Pack							





SC

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587625

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1024 90		RW
600	Proof	1024 90		RW
607	Check Headspace	1024 90		RW
610	Dis-assemble Gun	1024 90		RW
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GS
617	Drill and Tap Sight Holes		11/5/90	FB
618	Polish Barrel RB		11/6/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-2-91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			1-2-91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			1-2-91	WB
	H) Trigger Pull Test & Retainability						1-2-91	
	I) Firing Pin Indent	.0205	.0205	.0205			1-2-91	WB
	J) Assemble Stock						1/3/91	RW
	K) Assemble Swivel Studs						1-14-91	
	L) Attach Front and Rear Sight Assemblies						1/3/91	RW
	M) Iron Sight Alignment						1/3/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/3/91	RW
	O) Attach Scope to Rifle						1/3/91	RW
	P) Detach & Attach Scope 20 Times						1/3/91	RW
640	Gallery Target & Test						1-13-91	AC
	A) Time						1-13-91	AC
	B) Malfunctions						1-13-91	AC
	C) Pierced Primers						1-13-91	AC
	D) Optical Clearity of Scope						1-13-91	AC
645	Inspect for Live Ammo						1-13-91	AC
655	Final Inspection A) Headspace						1-14-91	
	B) Trigger Pull	2.33	2.36	2.37	2.21	2.38	1-14-91	
	C) Function						1-14-91	
660	Pack						3-19-91	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587625
DATE 1-2-90
TESTER

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.46	2.33	2.33	MIN. SETTING,
PULL #2	2.30	2.36	2.27	2.36	NO AVG. OF 5
PULL #3	2.32	2.26	2.36	2.39	READINGS ACCEPT-
PULL #4	2.32	2.35	2.42	2.21	ABLE LESS THAN 2#
PULL #5	2.27	2.35	2.36	2.38	
TOTAL					
AVG.					

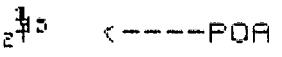
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.27		
PULL #2	3.23	3.27		
PULL #3	3.36	3.49		
PULL #4	3.23	3.40		
PULL #5	3.28	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.29		4.17
PULL #2	4.27	4.30		4.27
PULL #3	4.29	4.29		4.26
PULL #4	4.29	4.21		4.29
PULL #5	4.30	4.22		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587625
14 Jan 1991

CENTROIDAL DISTANCES

0	TO	1	.347697
1	TO	2	.519351
1	TO	3	.00509902
1	TO	4	.176706
1	TO	5	.410604

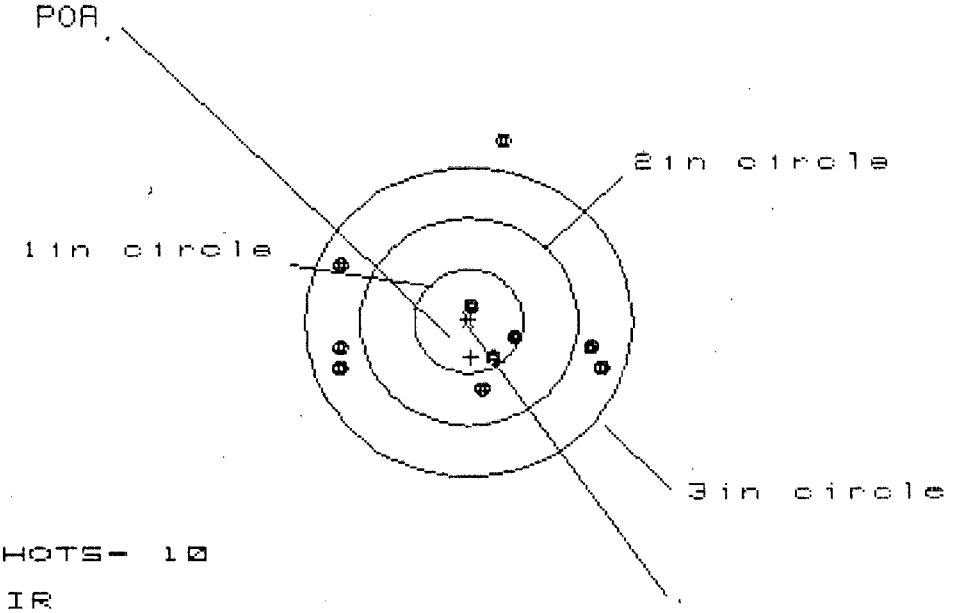


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0152
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1874
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .188015

THE AMR FOR THIS RIFLE IS: .8222

14 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

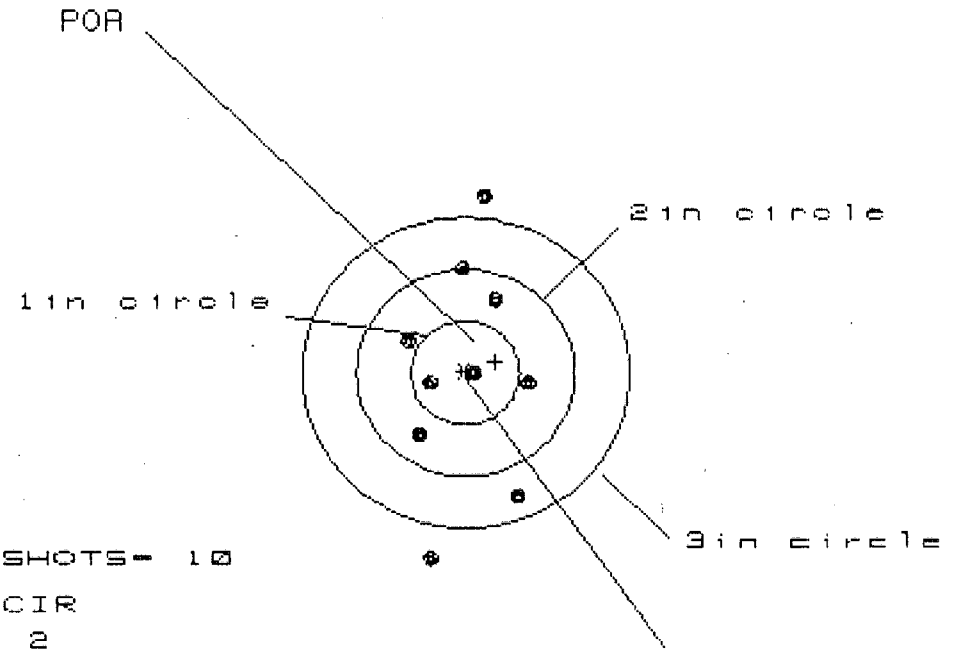
# IN CIR
1in = 3
2in = 4
3in = 9

HS= 2.435
VS= 2.422
GS= 2.636

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.246	1.282	1.327
MINIMUM X	:	-1.189	-1.153	-.993
MAXIMUM Y	:	1.752	.726	.699
MINIMUM Y	:	-.670	-.475	-.502
CENTROID X	:	-.022	-.058	-.218
CENTROID Y	:	.347	.152	.179
POA TO CENTROID in.	:	.348	.163	.282
MIN RADIUS	:	.158	.336	.400
MEAN RADIUS	:	.963	.855	.819
MAX RADIUS	:	1.782	1.335	1.328
HORIZONTAL SPREAD	:	2.435	2.435	2.320
VERTICAL SPREAD	:	2.422	1.201	1.201
EXTREME SPREAD	:	2.636	2.580	2.404
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

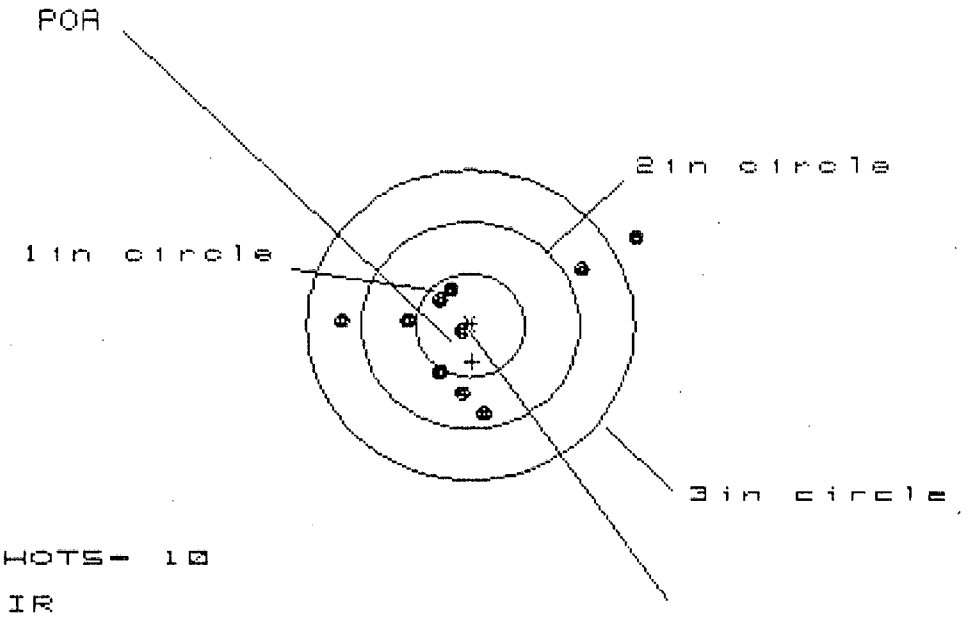
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 1.057
VS= 3.525
GS= 3.559

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.545	.515	.538
MINIMUM X	:	-.512	-.542	-.519
MAXIMUM Y	:	1.725	1.525	1.043
MINIMUM Y	:	-1.800	-1.365	-1.175
CENTROID X	:	-.276	-.246	-.269
CENTROID Y	:	-.106	.094	-.096
POA TO CENTROID in.	:	.296	.263	.286
MIN RADIUS	:	.053	.207	.047
MEAN RADIUS	:	.887	.788	.663
MAX RADIUS	:	1.821	1.536	1.256
HORIZONTAL SPREAD	:	1.057	1.057	1.057
VERTICAL SPREAD	:	3.525	2.890	2.218
EXTREME SPREAD	:	3.559	2.900	2.269
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

14 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

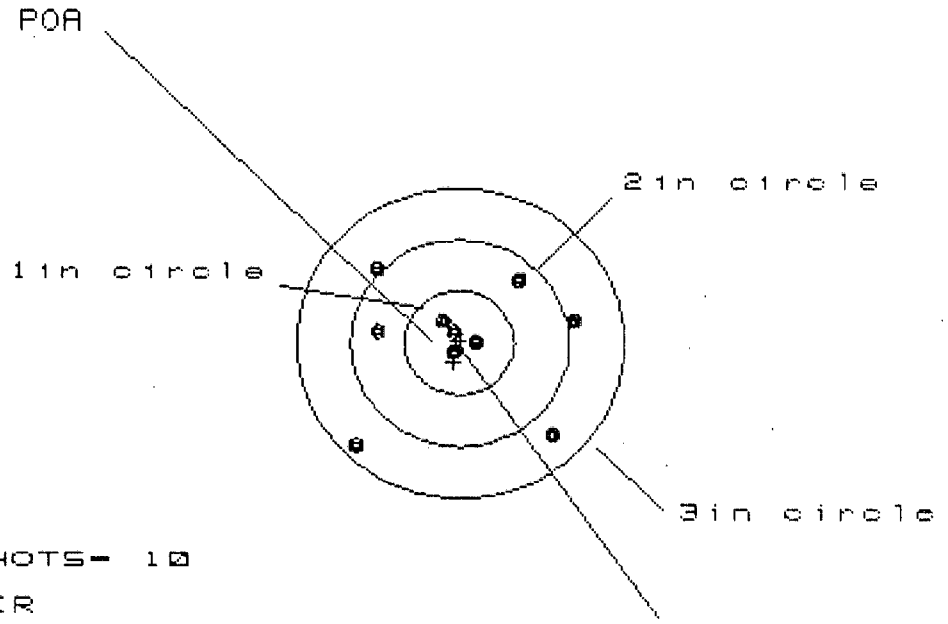
# IN CIR
1in = 3
2in = 7
3in = 9

HS= 2.663
VS= 1.618
GS= 2.774

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.503	1.159	1.035
MINIMUM X	:	-1.160	-.993	-.518
MAXIMUM Y	:	.807	.659	.674
MINIMUM Y	:	-.811	-.721	-.706
CENTROID X	:	-.021	-.188	-.064
CENTROID Y	:	.352	.262	.247
POA TO CENTROID in.	:	.352	.323	.255
MIN RADIUS	:	.043	.148	.094
MEAN RADIUS	:	.743	.603	.560
MAX RADIUS	:	1.706	1.333	1.235
HORIZONTAL SPREAD	:	2.663	2.152	1.553
VERTICAL SPREAD	:	1.618	1.380	1.380
EXTREME SPREAD	:	2.774	2.218	1.661
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

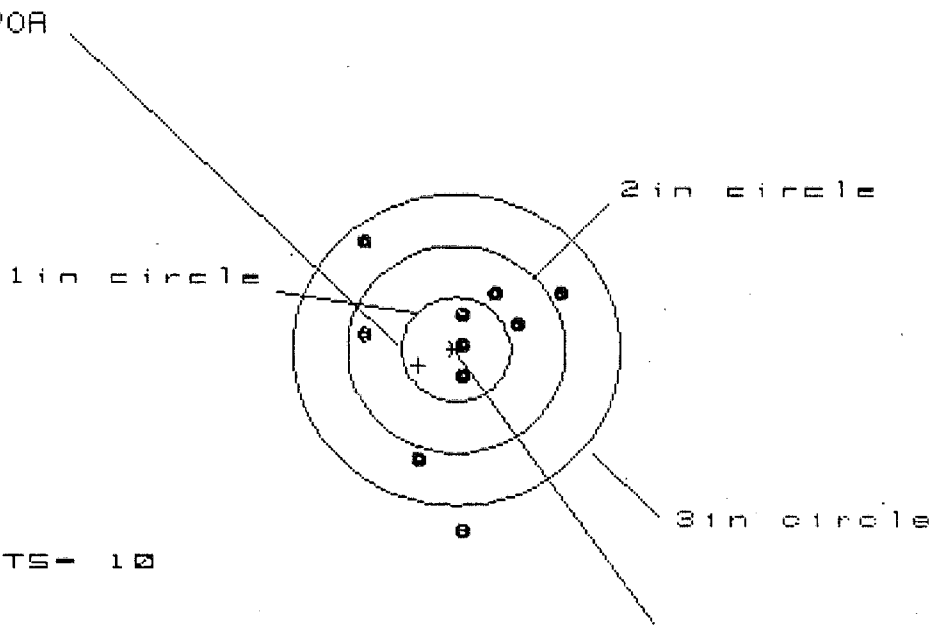
# IN CIR
1in = 4
2in = 7
3in = 10

HS= 1.983
VS= 1.691
GS= 2.347

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.080	.980	1.074
MINIMUM X	:	-.903	-.857	-.763
MAXIMUM Y	:	.670	.557	.433
MINIMUM Y	:	-1.021	-.986	-.306
CENTROID X	:	.053	.153	.059
CENTROID Y	:	.187	.300	.424
POA TO CENTROID in.	:	.194	.337	.428
MIN RADIUS	:	.097	.103	.147
MEAN RADIUS	:	.697	.619	.537
MAX RADIUS	:	1.363	1.241	1.074
HORIZONTAL SPREAD	:	1.983	1.837	1.837
VERTICAL SPREAD	:	1.691	1.543	.739
EXTREME SPREAD	:	2.347	2.216	1.868
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

14 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6587625

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 3
2in = 6
3in = 9

HS= 1.871
VS= 2.842
GS= 2.984

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.994	1.001	.895
MINIMUM X	:	-.877	-.870	-.976
MAXIMUM Y	:	1.093	.898	.482
MINIMUM Y	:	-1.750	-1.225	-1.113
CENTROID X	:	.342	.335	.441
CENTROID Y	:	.157	.351	.239
POA TO CENTROID in.	:	.376	.485	.501
MIN RADIUS	:	.093	.110	.074
MEAN RADIUS	:	.821	.694	.612
MAX RADIUS	:	1.750	1.272	1.200
HORIZONTAL SPREAD	:	1.871	1.871	1.871
VERTICAL SPREAD	:	2.842	2.123	1.595
EXTREME SPREAD	:	2.984	2.182	2.086
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	