C6225167

MODEL 700™ M24

Model SWS ™

Action

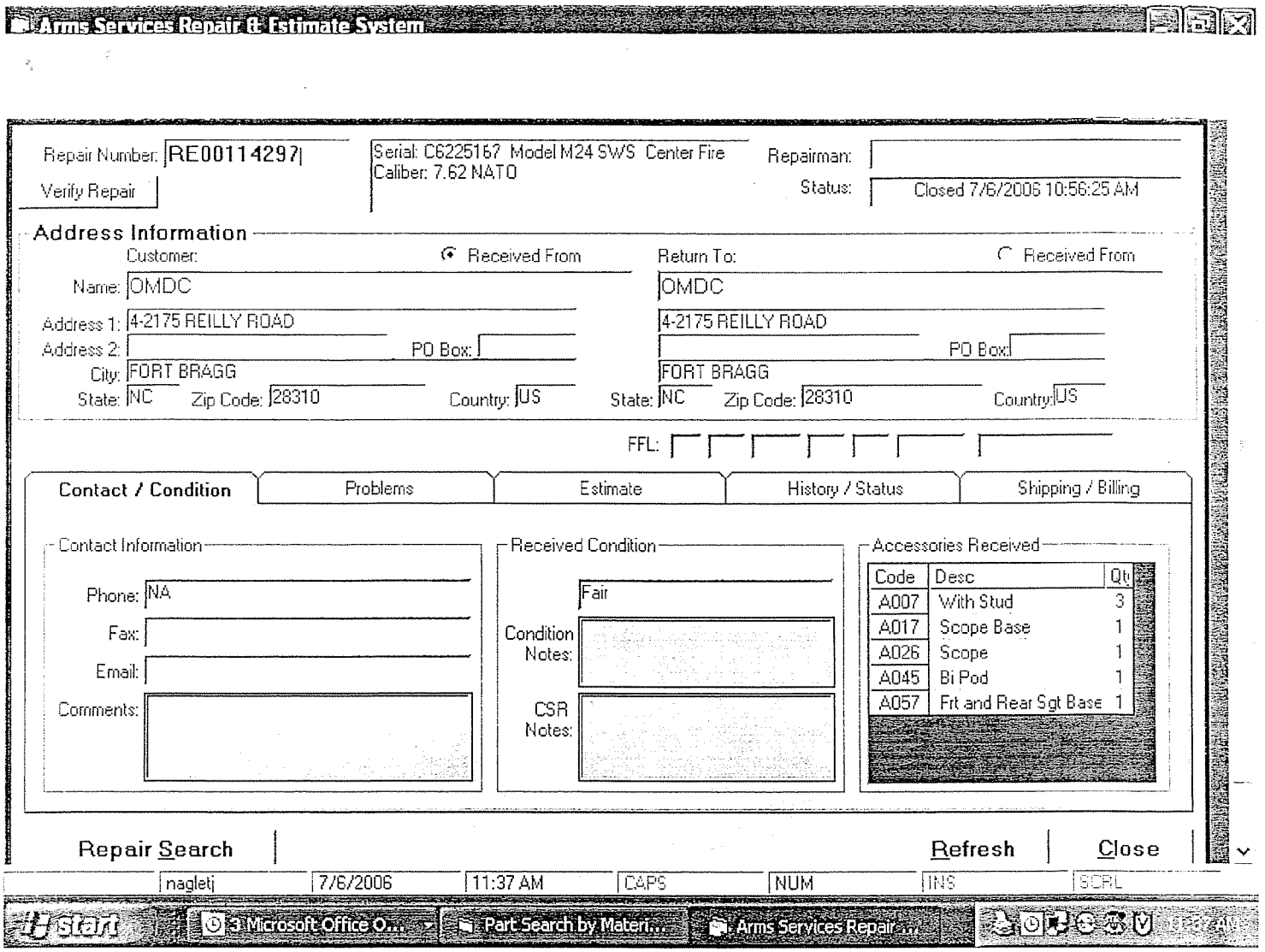
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


Arms Services Repair & Estimate System
Repair Number: RE00114297
Verify Repair
Serial: C6225167 Model M24 SWS Center Fire
Caliber: 7.62 NATO
Repairman:
Status: Closed 7/6/2006 10:56:25 AM
Address Information
Customer:
Received From
Name: OMDC
Address 1: 4-2175 REILLY ROAD
Address 2:
PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US
Return To:
Received From
OMDC
4-2175 REILLY ROAD
PO Box:
FORT BRAGG
State: NC Zip Code: 28310 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 Stud 3
A017 Scope Base 1
A026 Scope 1
A045 Bi Pod 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
naglelj
7/6/2006
11:37 AM
CAPS
NUM
INS
SCRL
start
Microsoft Office O...
Part Search by Materi...
Arms Services Repair...


Serial Number:
C6225167
Model: M24 SWS
RE00114297

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225167.__1
FILE DATE AND TIME: 12/03/2004 19:18

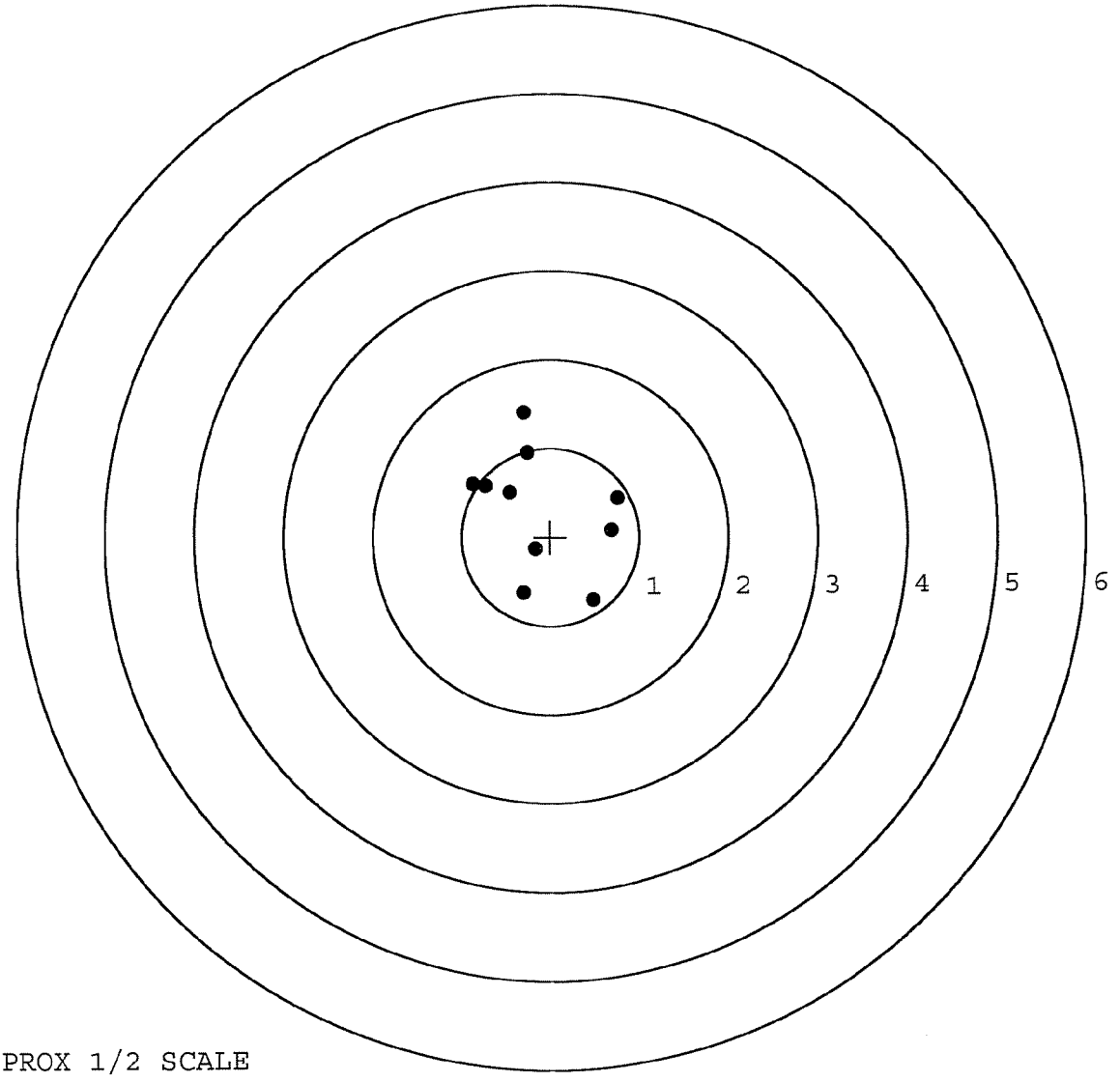
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.110
The Average Y Centroid of the Five Target Set:	-0.052
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	0.863
The Distance from POA to Centroid Target #1:	0.328
The Distance from Centroid Target #2 to Centroid Target #1:	0.320
The Distance from Centroid Target #3 to Centroid Target #1:	0.507
The Distance from Centroid Target #4 to Centroid Target #1:	0.443
The Distance from Centroid Target #5 to Centroid Target #1:	0.582

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 1
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.116
Y CENTROID:	0.306
POA TO CENTROID:	0.328
HORZ SPREAD:	1.629
VERT SPREAD:	2.111
GROUP SPREAD:	2.251
MIN RADIUS:	0.395
MAX RADIUS:	1.177
MEAN RADIUS:	0.795
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.756	0.437
2:	0.689	0.075
3:	0.483	-0.707
4:	-0.301	-0.633
5:	-0.170	-0.137
6:	-0.457	0.505
7:	-0.873	0.594
8:	-0.731	0.574
9:	-0.255	0.953
10:	-0.299	1.404

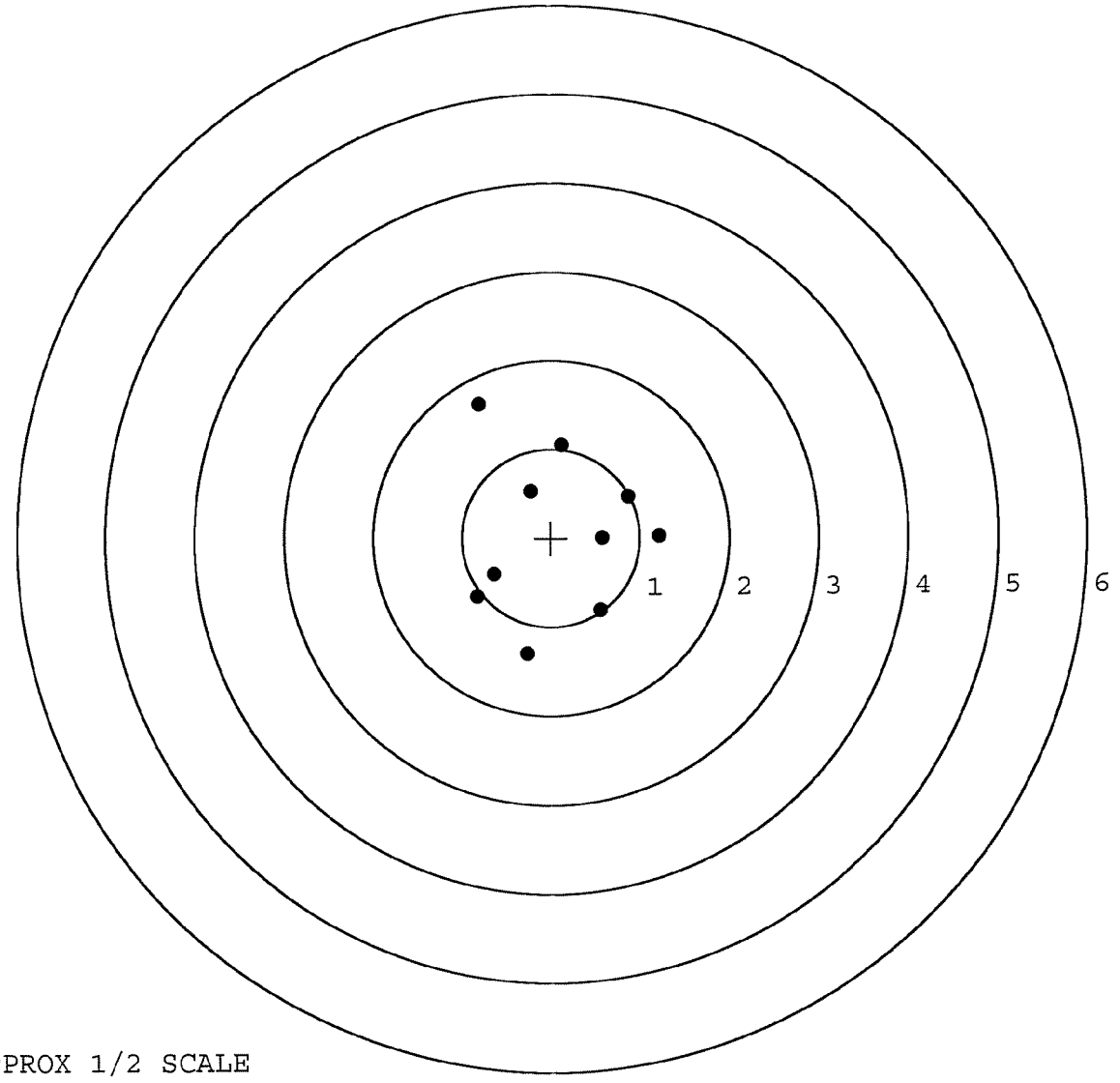


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 2
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	0.055
Y CENTROID:	0.036
POA TO CENTROID:	0.066
HORZ SPREAD:	2.049
VERT SPREAD:	2.810
GROUP SPREAD:	2.862
MIN RADIUS:	0.520
MAX RADIUS:	1.703
MEAN RADIUS:	1.020
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.556	-0.814
2:	1.217	0.022
3:	0.574	0.000
4:	0.868	0.466
5:	0.126	1.043
6:	-0.232	0.521
7:	-0.811	1.503
8:	-0.645	-0.408
9:	-0.832	-0.663
10:	-0.269	-1.307

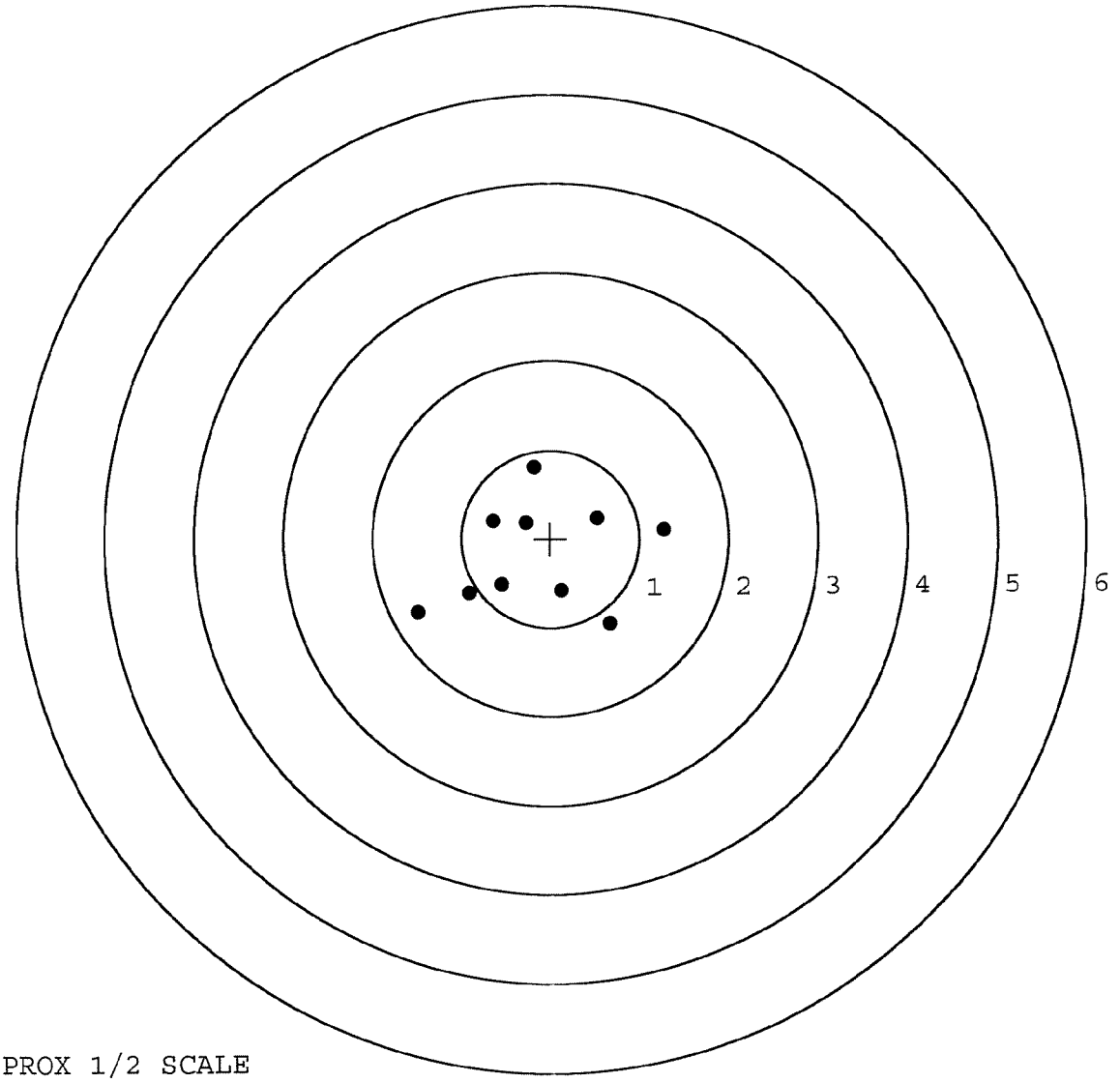


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 3
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.147
Y CENTROID:	-0.200
POA TO CENTROID:	0.248
HORZ SPREAD:	2.776
VERT SPREAD:	1.775
GROUP SPREAD:	2.928
MIN RADIUS:	0.408
MAX RADIUS:	1.492
MEAN RADIUS:	0.880
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.278	0.098
2:	0.673	-0.966
3:	0.121	-0.587
4:	0.533	0.233
5:	-0.185	0.809
6:	-0.280	0.186
7:	-0.645	0.203
8:	-0.547	-0.526
9:	-0.919	-0.615
10:	-1.498	-0.833

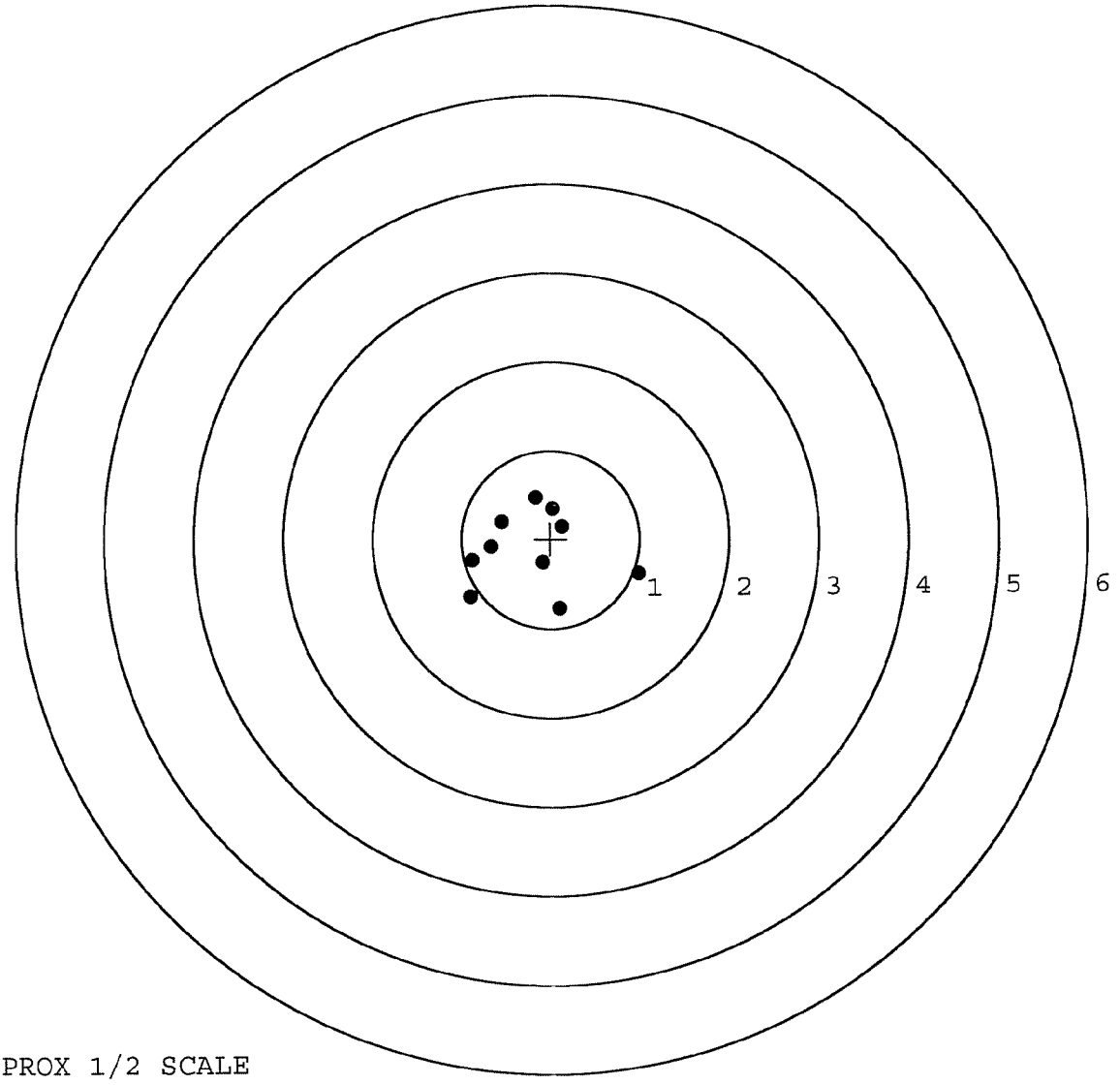


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 4
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.202
Y CENTROID:	-0.128
POA TO CENTROID:	0.239
HORZ SPREAD:	1.893
VERT SPREAD:	1.253
GROUP SPREAD:	1.909
MIN RADIUS:	0.178
MAX RADIUS:	1.221
MEAN RADIUS:	0.618
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.989	-0.398
2:	0.106	-0.782
3:	-0.092	-0.268
4:	0.129	0.141
5:	0.025	0.344
6:	-0.168	0.471
7:	-0.550	0.194
8:	-0.672	-0.093
9:	-0.880	-0.244
10:	-0.904	-0.648

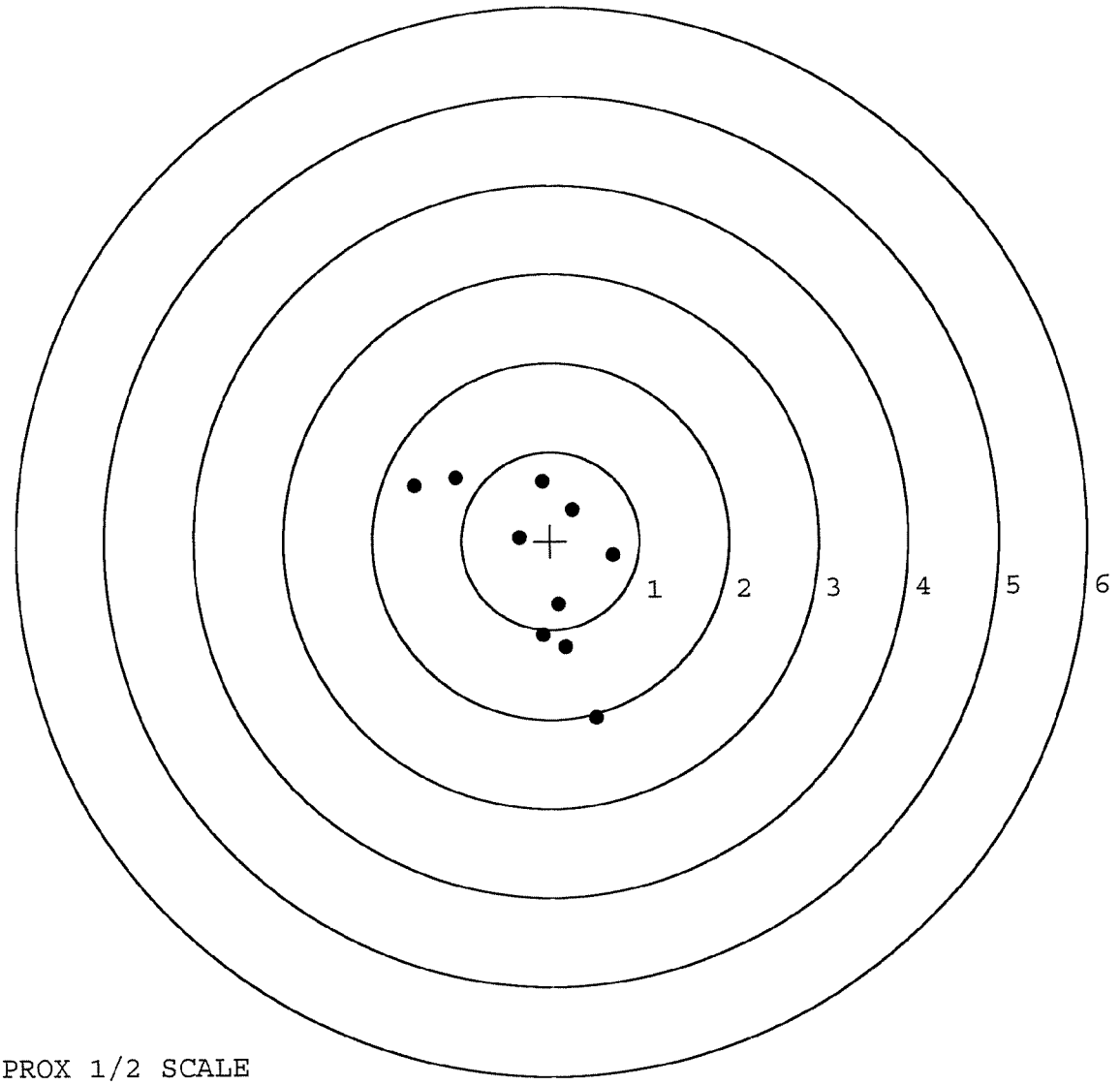


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 5
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.140
Y CENTROID:	-0.275
POA TO CENTROID:	0.309
HORZ SPREAD:	2.234
VERT SPREAD:	2.696
GROUP SPREAD:	3.310
MIN RADIUS:	0.376
MAX RADIUS:	1.830
MEAN RADIUS:	1.001
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.507	-1.987
2:	0.173	-1.198
3:	-0.091	-1.063
4:	0.092	-0.719
5:	0.702	-0.172
6:	0.251	0.353
7:	-0.090	0.669
8:	-0.352	0.036
9:	-1.063	0.709
10:	-1.532	0.621



TARGET APPROX 1/2 SCALE

M-24

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	114297
SERIAL NUMBER	C6227567
LOG-IN DATE	7-6-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-10-06	RTL
505	RE-BARREL		7-10-06	RTL
420	ASSEMBLE		7-10-06	RTL
440	PROOF	MAGNA-FLUX INSPECTED JUL 13 2006	7-11-06	TRW
460	CHECK HEADSPACE		7-11-06	TRW
470	DIS-ASSEMBLE GUN		7-11-06	RTL
480	MAGNAFLUX	OPERATOR APD	7/13/06	APD
510	DRILL AND TAP		7-12-06	TRW
500	ROLLMARK CALIBER		7-13-06	CW
520	GOFF BLAST BBL / REC		7-13-06	LB
530 & 540	APPLY COATINGS		7/13	[illegible]
560	FINAL ASSEMBLY		7-14-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	7-17-06	MJM
650	TARGET	(PASS) FAIL	7-17-06	MJM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-18-06	MTM
	A) HEADSPACE	(PASS) FAIL	7-18-06	MJM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.45 2.49 2.32 2.49 2.36	7-18-06	DA
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.5 5.5 5.5	7-18-06	DA
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.0 2.0	7-18-06	DA
	I) FIRING PIN INDENT (.020)	.023 .022 .023	7-18-06	DA
690	PACK		8-7-06	DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

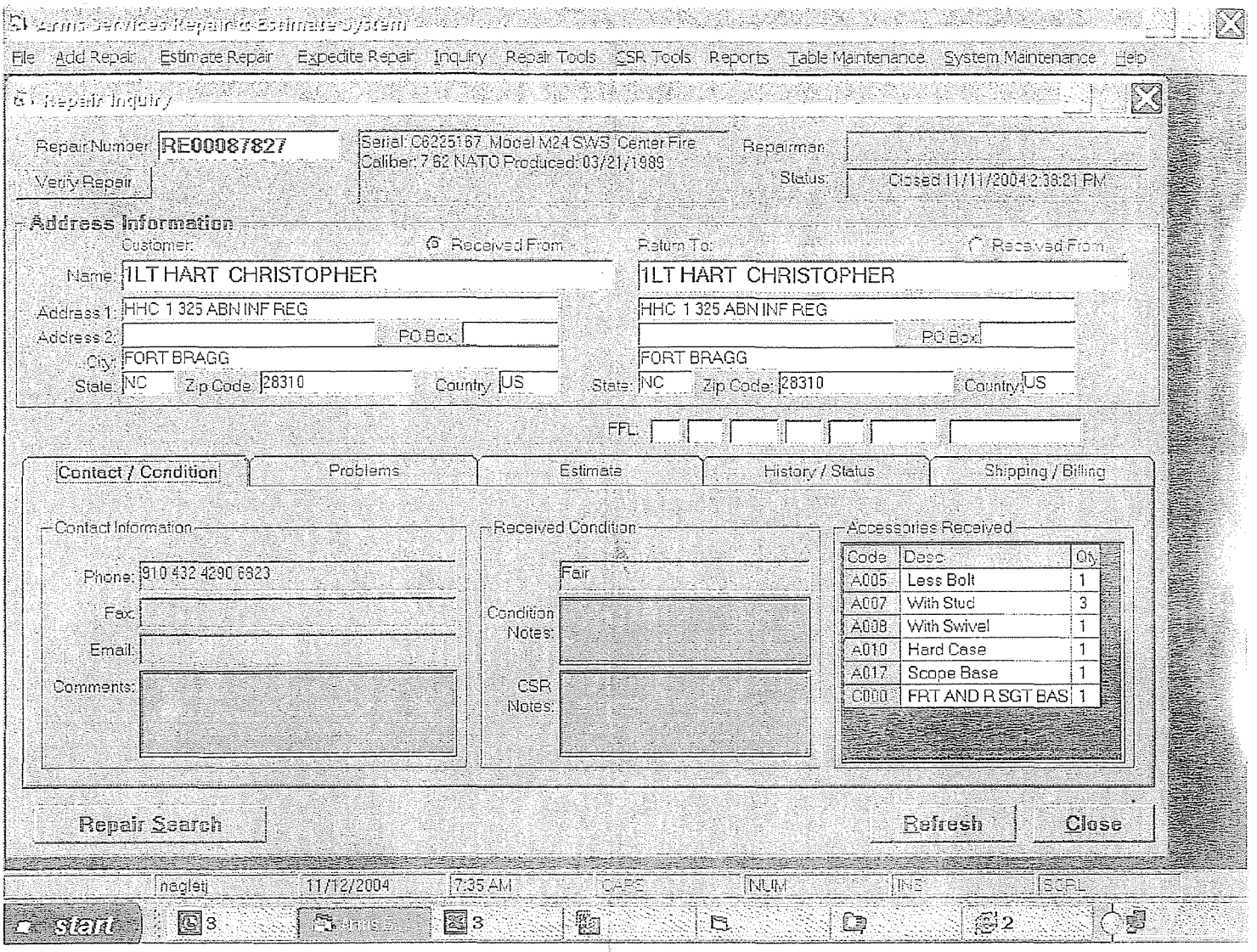
TRIGGER ASSEMBLY

_____ SAFETY OPERATION

_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 REV 5/2006


Army 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: RE00087827
Verify Repair
Serial: C6225167 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/21/1989
Repairman:
Status: Closed 11/11/2004 2:38:21 PM
Address Information
Customer: Received From
Name: 1LT HART CHRISTOPHER
Address 1: HHC 1 325 ABN INF REG
Address 2: PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US
Return To: Received From
1LT HART CHRISTOPHER
HHC 1 325 ABN INF REG
PO Box:
FORT BRAGG
State: NC Zip Code: 28310 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: 910 432 4290 6823
Fax:
Email:
Comments:
Received Condition
Fair
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A005 Less Bolt 1
A007 With Stud 3
A008 With Swivel 1
A010 Hard Case 1
A017 Scope Base 1
C000 FRT AND R SGT BAS 1
Repair Search
Refresh
Close
neglej 11/12/2004 7:35 AM CAPS NUM INS SCRL
Start


Serial Number:
C6225167
Model: M24 SWS
RE00087827

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225167.__1
FILE DATE AND TIME: 12/03/2004 19:18

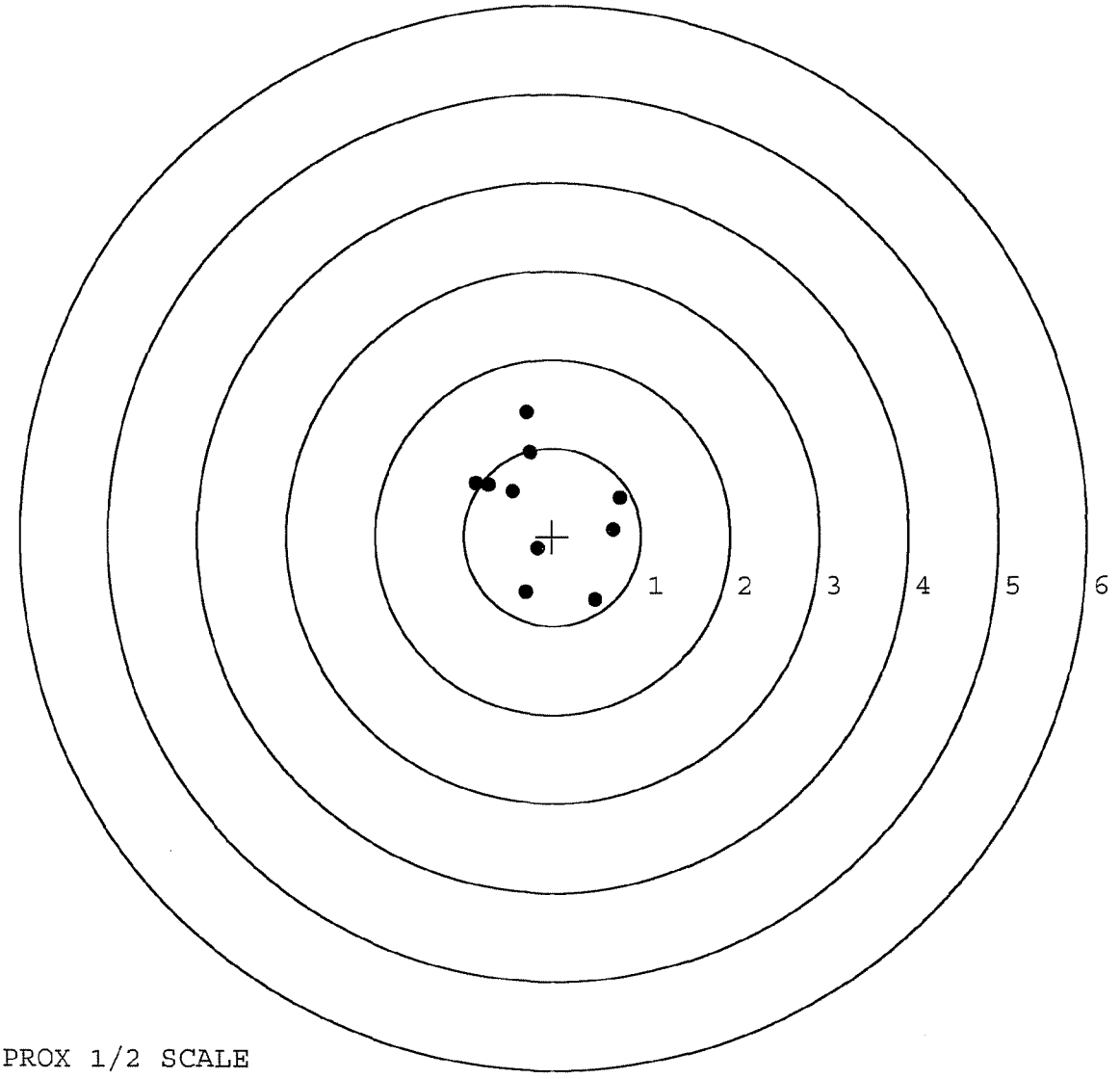
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.110
The Average Y Centroid of the Five Target Set:	-0.052
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	0.863
The Distance from POA to Centroid Target #1:	0.328
The Distance from Centroid Target #2 to Centroid Target #1:	0.320
The Distance from Centroid Target #3 to Centroid Target #1:	0.507
The Distance from Centroid Target #4 to Centroid Target #1:	0.443
The Distance from Centroid Target #5 to Centroid Target #1:	0.582

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 1
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.116
Y CENTROID:	0.306
POA TO CENTROID:	0.328
HORZ SPREAD:	1.629
VERT SPREAD:	2.111
GROUP SPREAD:	2.251
MIN RADIUS:	0.395
MAX RADIUS:	1.177
MEAN RADIUS:	0.795
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.756	0.437
2:	0.689	0.075
3:	0.483	-0.707
4:	-0.301	-0.633
5:	-0.170	-0.137
6:	-0.457	0.505
7:	-0.873	0.594
8:	-0.731	0.574
9:	-0.255	0.953
10:	-0.299	1.404

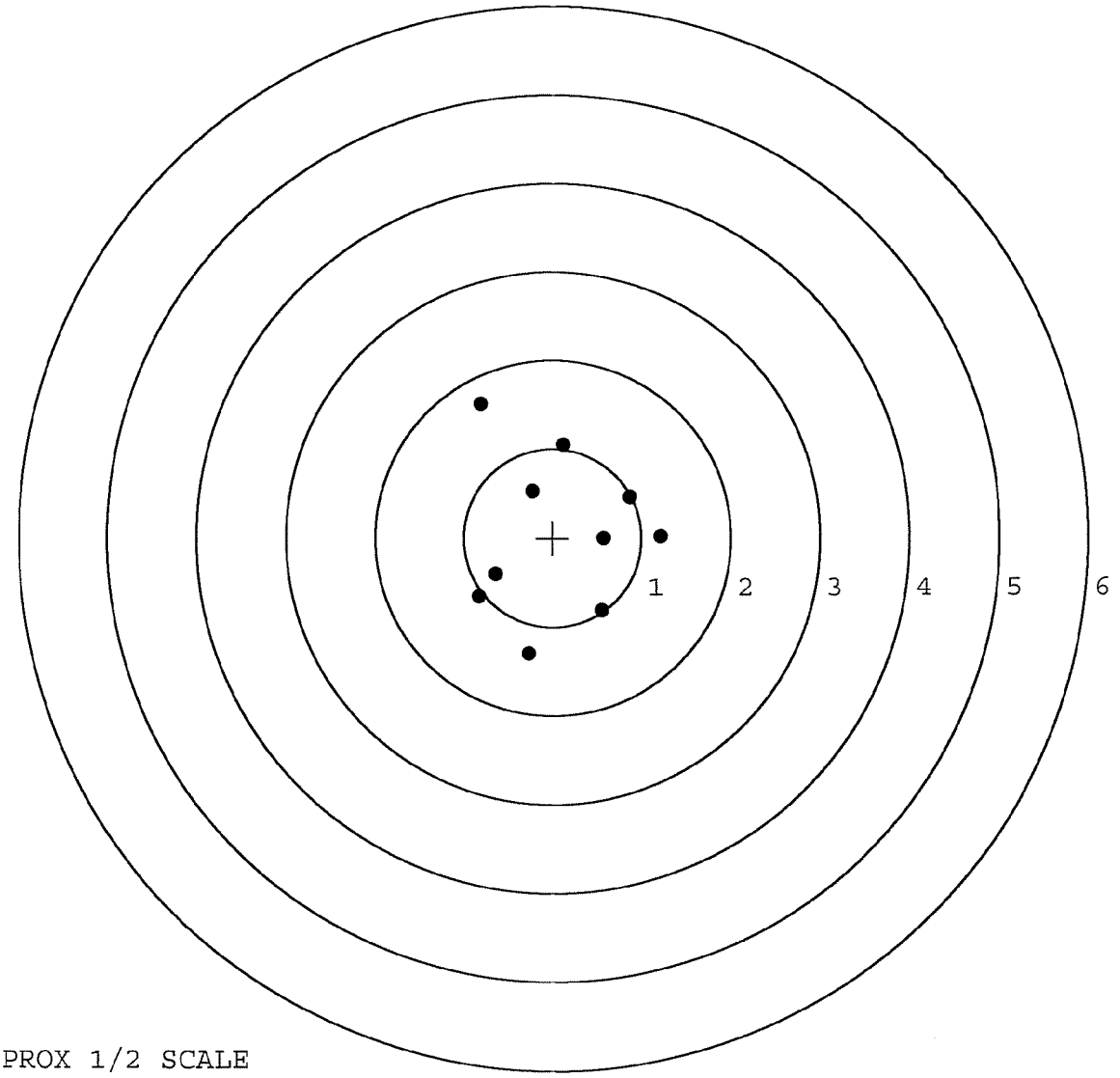


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 2
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	0.055
Y CENTROID:	0.036
POA TO CENTROID:	0.066
HORZ SPREAD:	2.049
VERT SPREAD:	2.810
GROUP SPREAD:	2.862
MIN RADIUS:	0.520
MAX RADIUS:	1.703
MEAN RADIUS:	1.020
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.556	-0.814
2:	1.217	0.022
3:	0.574	0.000
4:	0.868	0.466
5:	0.126	1.043
6:	-0.232	0.521
7:	-0.811	1.503
8:	-0.645	-0.408
9:	-0.832	-0.663
10:	-0.269	-1.307

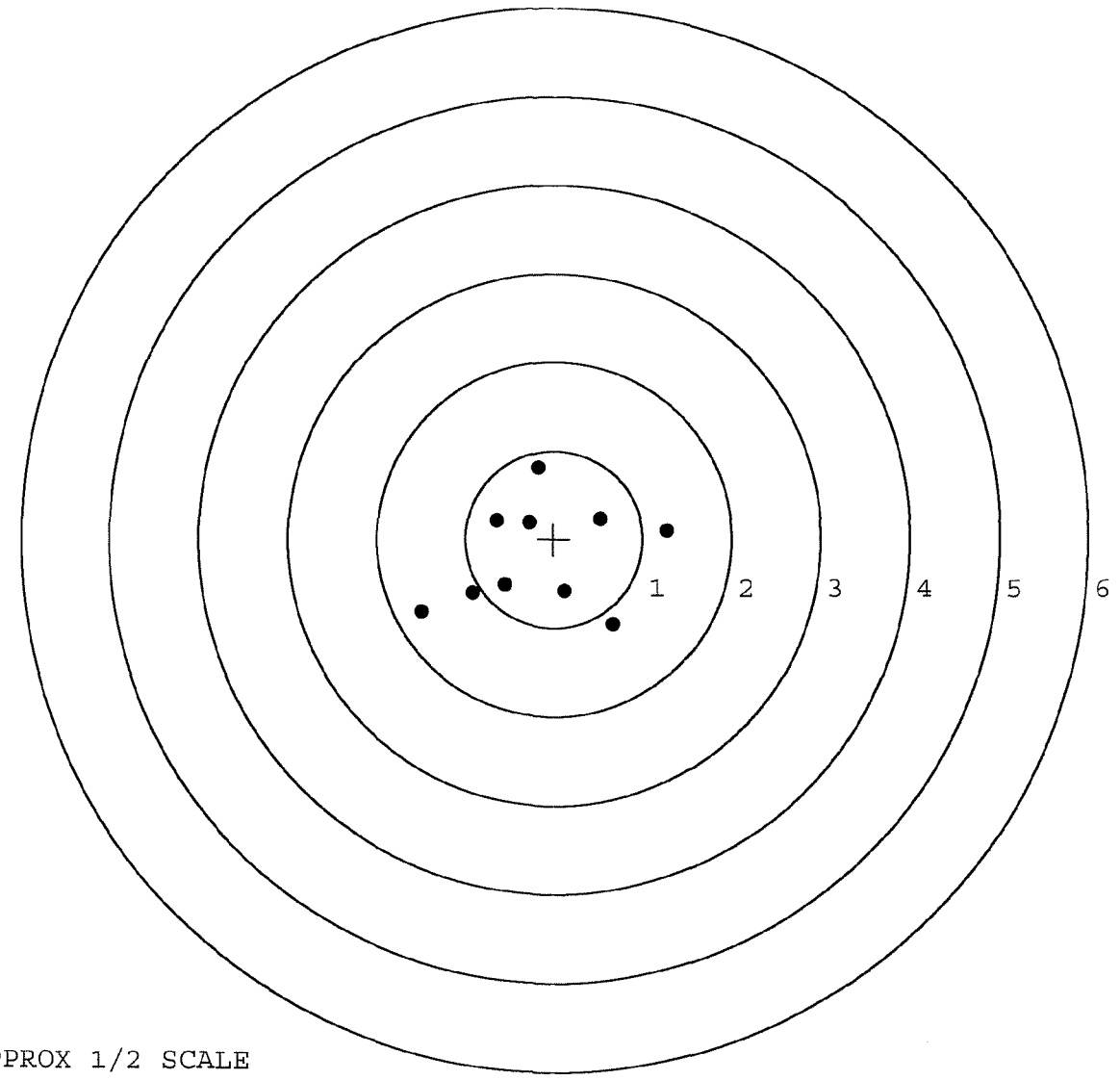


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 3
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.147
Y CENTROID:	-0.200
POA TO CENTROID:	0.248
HORZ SPREAD:	2.776
VERT SPREAD:	1.775
GROUP SPREAD:	2.928
MIN RADIUS:	0.408
MAX RADIUS:	1.492
MEAN RADIUS:	0.880
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.278	0.098
2:	0.673	-0.966
3:	0.121	-0.587
4:	0.533	0.233
5:	-0.185	0.809
6:	-0.280	0.186
7:	-0.645	0.203
8:	-0.547	-0.526
9:	-0.919	-0.615
10:	-1.498	-0.833

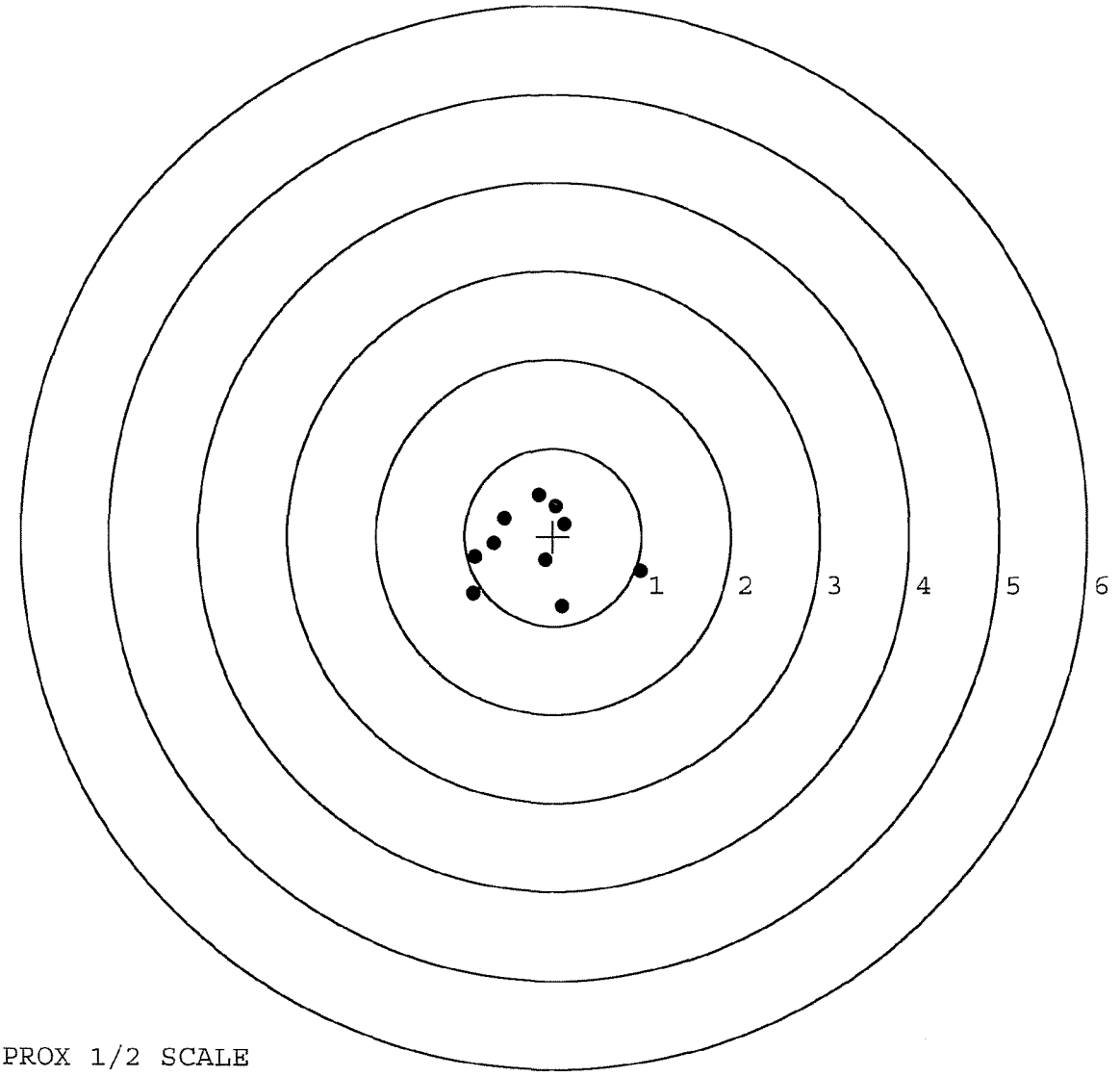


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 4
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.202
Y CENTROID:	-0.128
POA TO CENTROID:	0.239
HORZ SPREAD:	1.893
VERT SPREAD:	1.253
GROUP SPREAD:	1.909
MIN RADIUS:	0.178
MAX RADIUS:	1.221
MEAN RADIUS:	0.618
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.989	-0.398
2:	0.106	-0.782
3:	-0.092	-0.268
4:	0.129	0.141
5:	0.025	0.344
6:	-0.168	0.471
7:	-0.550	0.194
8:	-0.672	-0.093
9:	-0.880	-0.244
10:	-0.904	-0.648

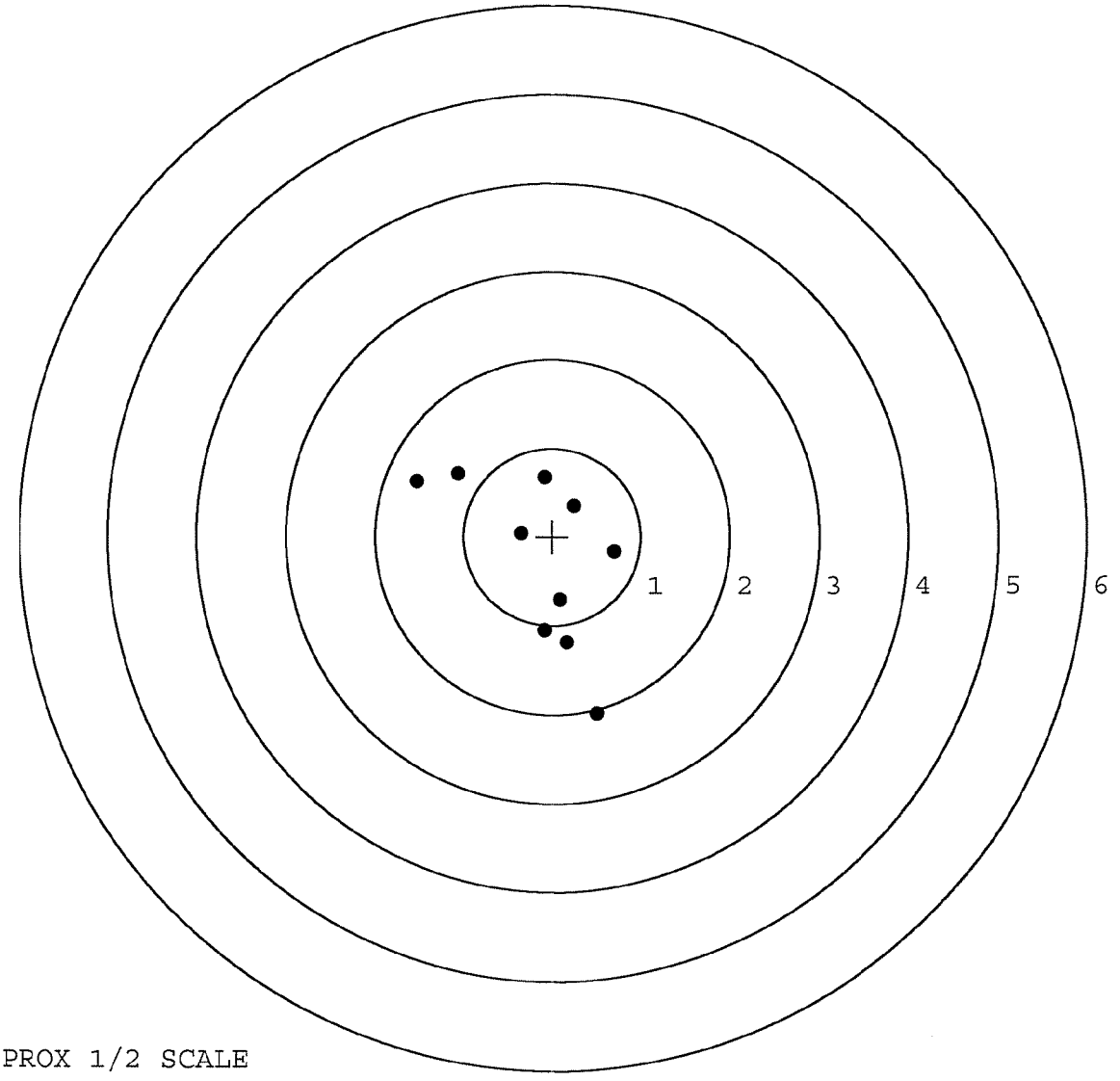


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__1
TARGET NUMBER: 5
FILE DATE: 12/03/2004
FILE TIME: 19:18

X CENTROID:	-0.140
Y CENTROID:	-0.275
POA TO CENTROID:	0.309
HORZ SPREAD:	2.234
VERT SPREAD:	2.696
GROUP SPREAD:	3.310
MIN RADIUS:	0.376
MAX RADIUS:	1.830
MEAN RADIUS:	1.001
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

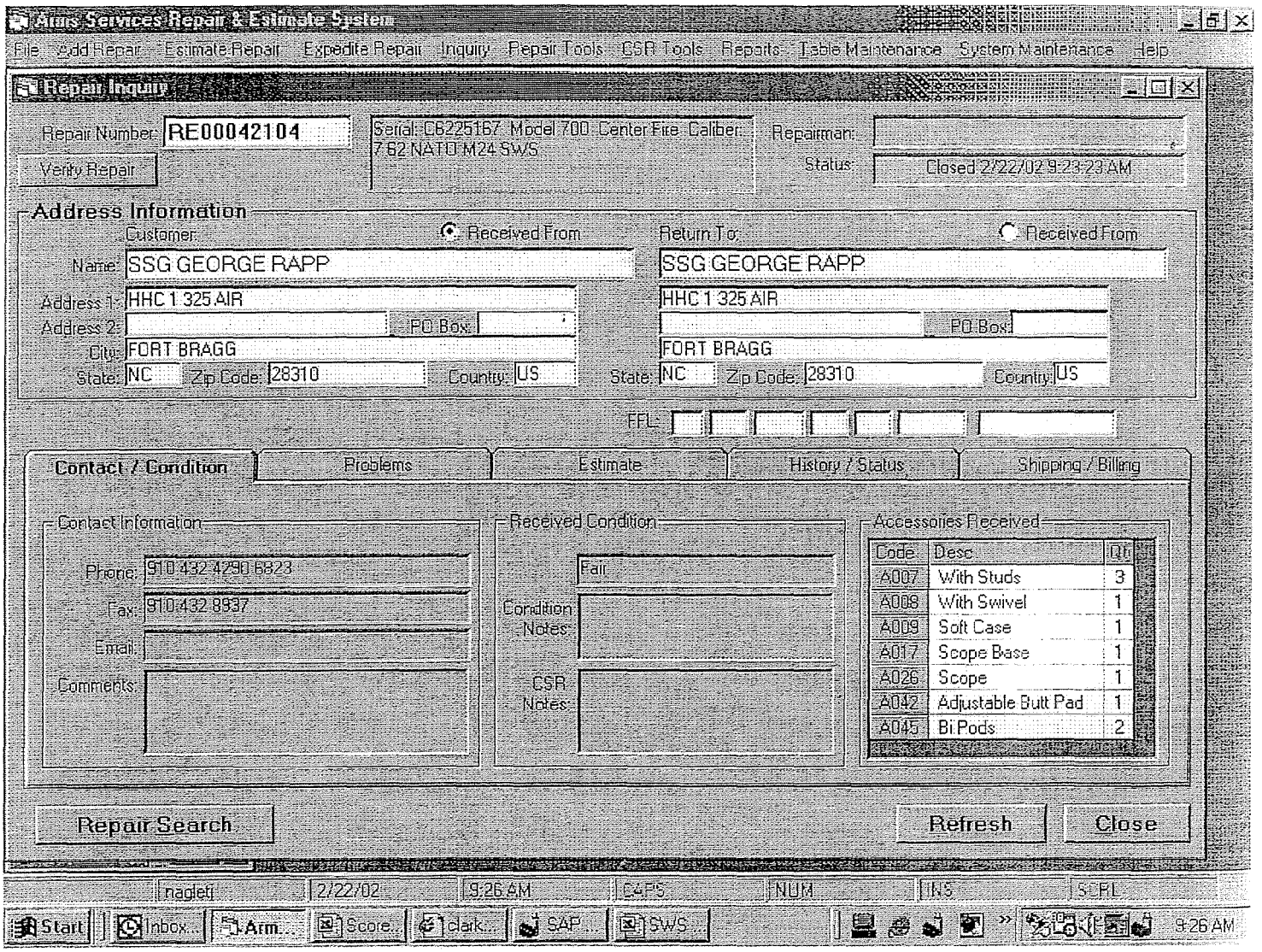
POINT#	X	Y
1:	0.507	-1.987
2:	0.173	-1.198
3:	-0.091	-1.063
4:	0.092	-0.719
5:	0.702	-0.172
6:	0.251	0.353
7:	-0.090	0.669
8:	-0.352	0.036
9:	-1.063	0.709
10:	-1.532	0.621



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	87827		
SERIAL NUMBER	C6225167		
LOG-IN DATE	11-11-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-13-04	RTL
560 A	RE-BARREL	11-16-04	RTL
B	DRILL AND TAP	11-17-04	TRW
575	ASSEMBLE	11-16-04	RTL
600	PROOF	11-16-04	RTL
605	CHECK HEADSPACE	11-16-04	RTL
610	DIS-ASSEMBLE GUN	11-17-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11-18-04	SB/CW
618	ROTO-BLAST	11-30-04	CB
620	APPLY COATINGS	12/1/04	
625 A	FINAL ASSEMBLY	12-3-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		NA
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-3-04	TRW
655	FINAL INSPECT	12-7-04	RTL
660	PACK	12-8-04	QA
		SHIP DATE	
	QAR INSPECTION DATE		



Serial Number: C6225167

Model: 700

RE00042104

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 42104

SERIAL NUMBER C 622 5167

LOG-IN DATE 2/22/02

INSPECT AND VERIFY:

OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/26/02	
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	
B	DRILL AND TAP	3/5/02	
C	POLISH		
575	ASSEMBLE	3/6/02	
600	PROOF	3-6-02	MAGNA-FLUX
605	CHECK HEADSPACE	3-6-02	INSPECTED
610	DIS-ASSEMBLE GUN	3/6/02	MAR 2002
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3/7/02	
618	ROTO-BLAST	3/8	
620	APPLY COATINGS	3-8	
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-14-02	
655	FINAL INSPECT	3-14-02	
660	PACK	3-26-02	
	QAR INSPECTION DATE	SHIP DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225167.__0
FILE DATE AND TIME: 03/14/2002 03:15

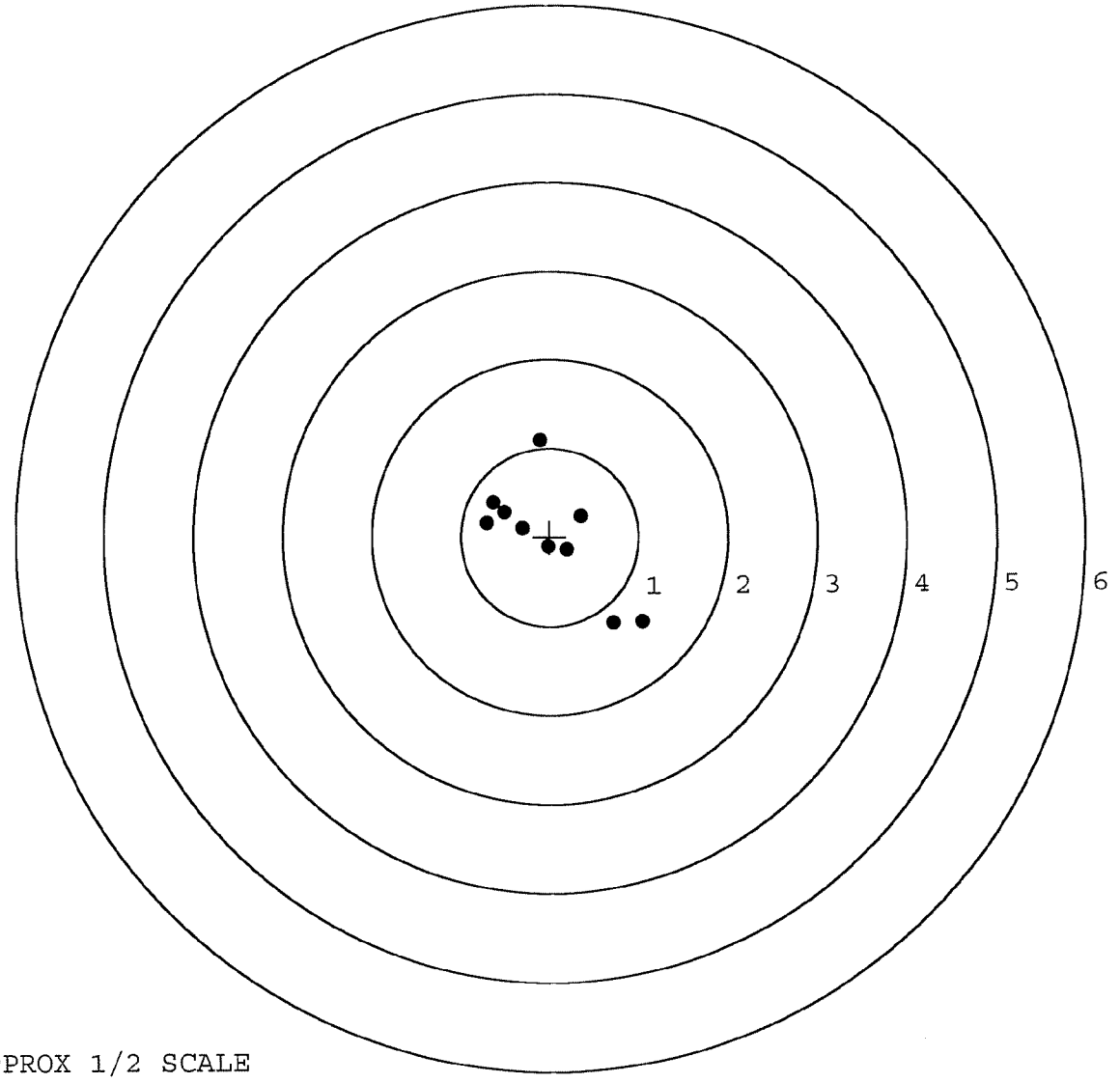
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.031
The Average Y Centroid of the Five Target Set:	0.090
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.645
The Distance from POA to Centroid Target #1:	0.005
The Distance from Centroid Target #2 to Centroid Target #1:	0.197
The Distance from Centroid Target #3 to Centroid Target #1:	0.152
The Distance from Centroid Target #4 to Centroid Target #1:	0.066
The Distance from Centroid Target #5 to Centroid Target #1:	0.206

SERIAL NUMBER: C6225167.__0
TARGET NUMBER: 1
FILE DATE: 03/14/2002
FILE TIME: 03:15

X CENTROID:	0.002
Y CENTROID:	0.005
POA TO CENTROID:	0.005
HORZ SPREAD:	1.746
VERT SPREAD:	2.062
GROUP SPREAD:	2.341
MIN RADIUS:	0.119
MAX RADIUS:	1.412
MEAN RADIUS:	0.687
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.105	1.089
2:	-0.635	0.383
3:	-0.709	0.154
4:	-0.507	0.280
5:	-0.312	0.096
6:	0.356	0.229
7:	-0.022	-0.112
8:	0.200	-0.145
9:	1.037	-0.955
10:	0.713	-0.973

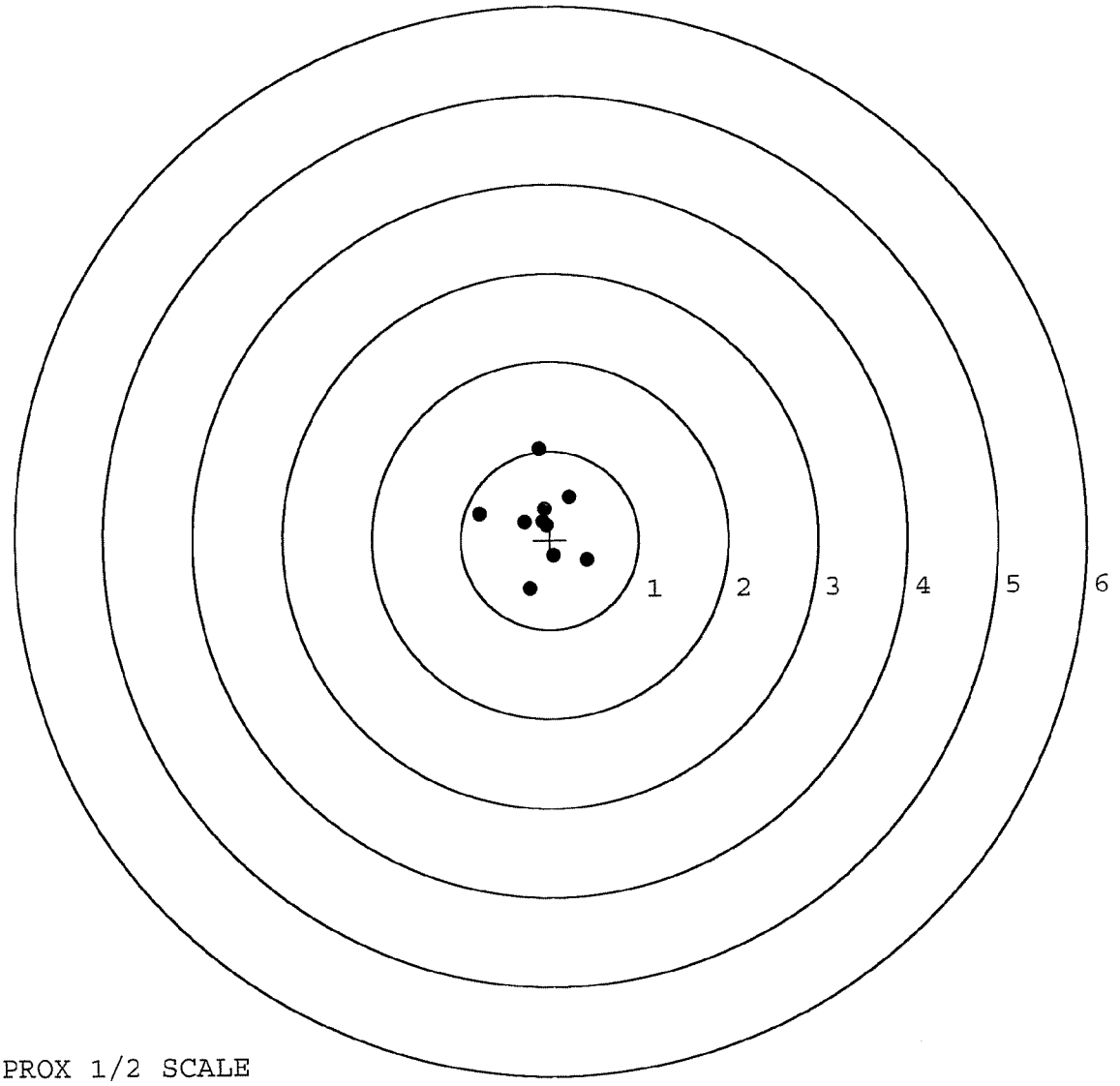


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__0
TARGET NUMBER: 2
FILE DATE: 03/14/2002
FILE TIME: 03:15

X CENTROID:	-0.092
Y CENTROID:	0.178
POA TO CENTROID:	0.201
HORZ SPREAD:	1.202
VERT SPREAD:	1.574
GROUP SPREAD:	1.578
MIN RADIUS:	0.032
MAX RADIUS:	0.847
MEAN RADIUS:	0.421
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.119	1.025
2:	-0.787	0.300
3:	0.224	0.481
4:	-0.064	0.351
5:	-0.280	0.202
6:	-0.043	0.168
7:	0.415	-0.230
8:	0.044	-0.174
9:	-0.227	-0.549
10:	-0.082	0.209

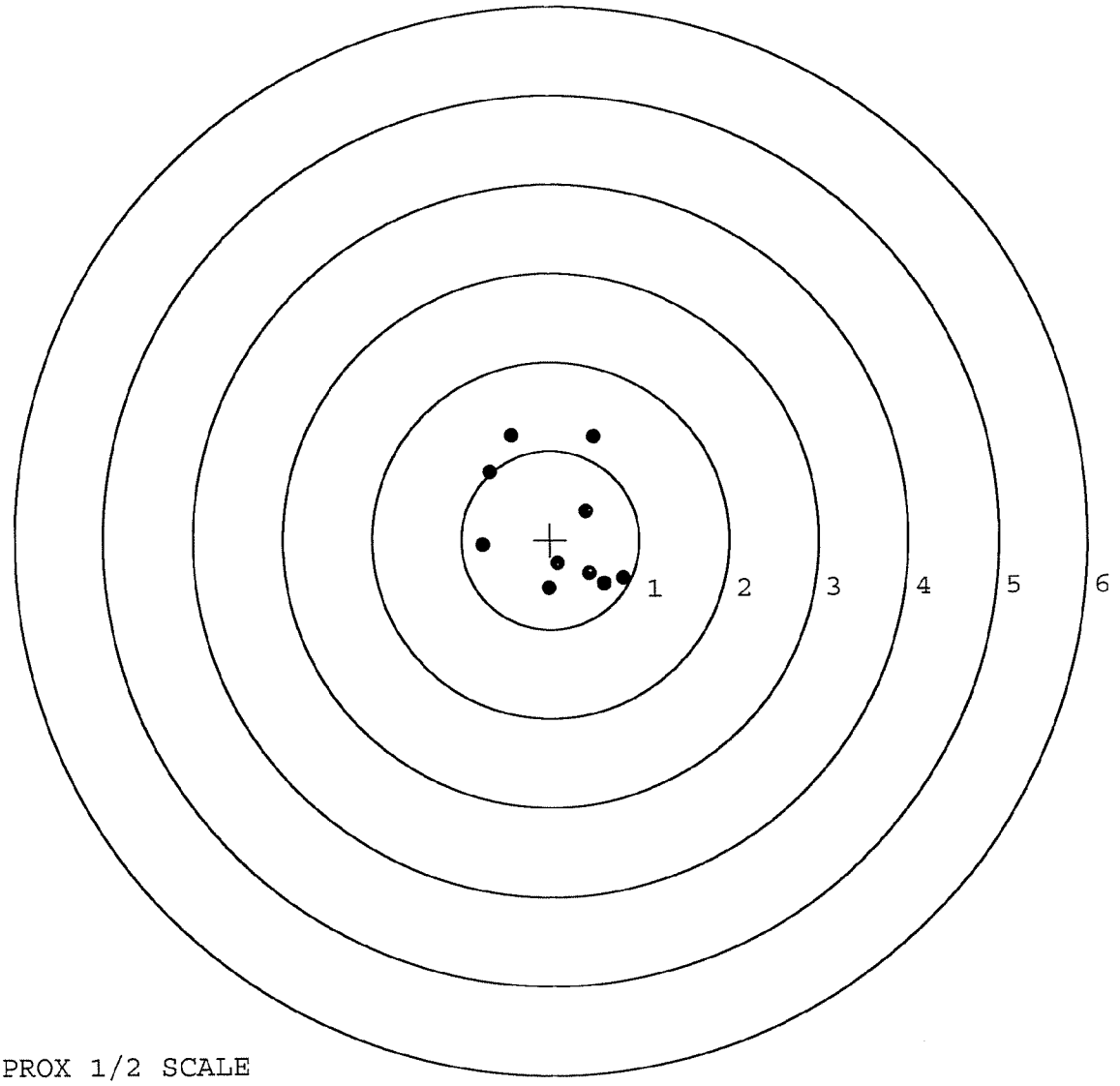


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__0
TARGET NUMBER: 3
FILE DATE: 03/14/2002
FILE TIME: 03:15

X CENTROID:	0.095
Y CENTROID:	0.124
POA TO CENTROID:	0.157
HORZ SPREAD:	1.580
VERT SPREAD:	1.711
GROUP SPREAD:	2.029
MIN RADIUS:	0.369
MAX RADIUS:	1.167
MEAN RADIUS:	0.791
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.498	1.159
2:	-0.429	1.167
3:	-0.677	0.762
4:	-0.762	-0.054
5:	0.406	0.324
6:	0.083	-0.266
7:	-0.024	-0.544
8:	0.818	-0.433
9:	0.435	-0.379
10:	0.604	-0.491

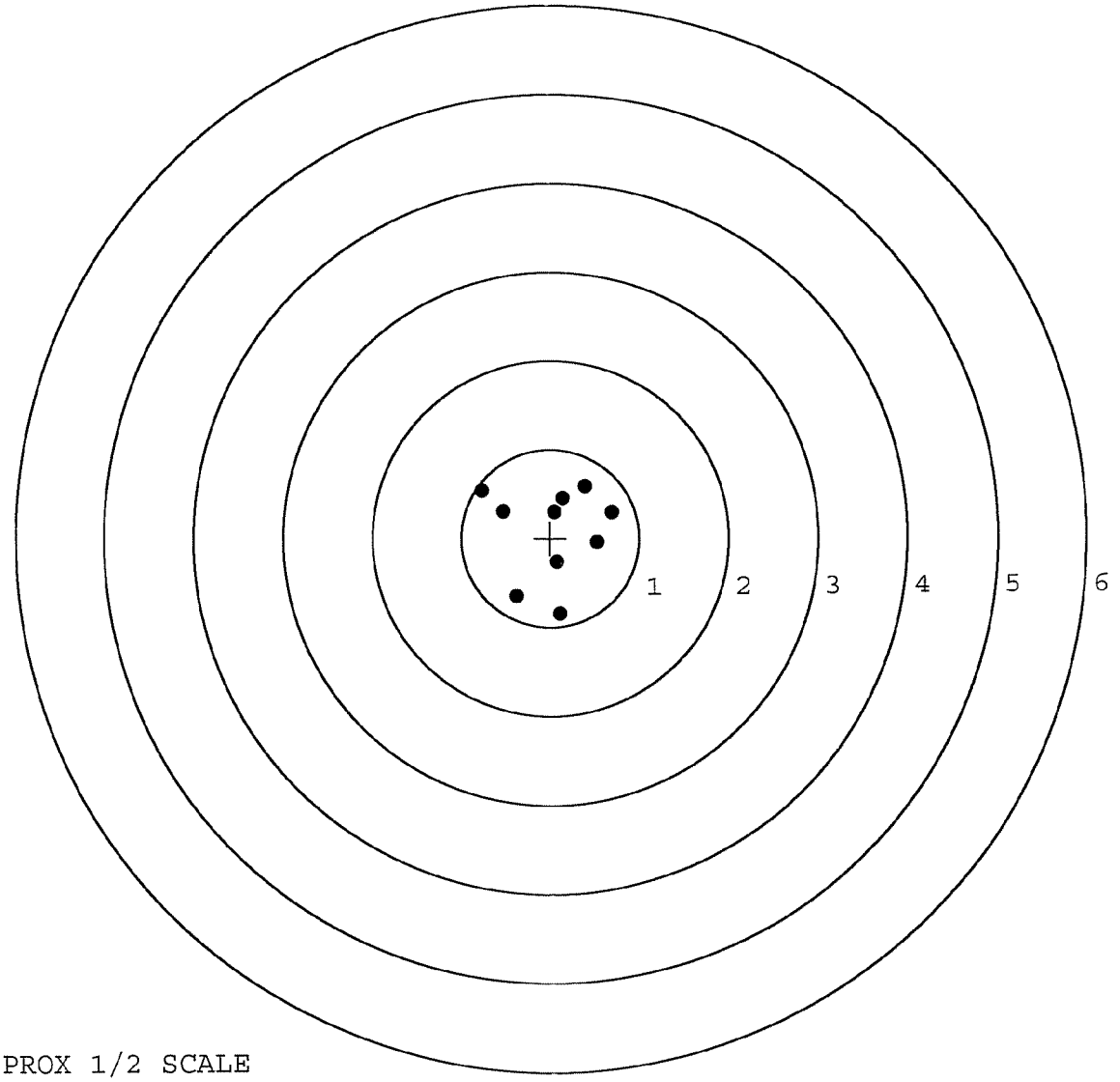


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225167.__0
TARGET NUMBER: 4
FILE DATE: 03/14/2002
FILE TIME: 03:15

X CENTROID:	0.032
Y CENTROID:	0.063
POA TO CENTROID:	0.071
HORZ SPREAD:	1.471
VERT SPREAD:	1.444
GROUP SPREAD:	1.653
MIN RADIUS:	0.232
MAX RADIUS:	0.934
MEAN RADIUS:	0.612
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.772	0.539
2:	-0.529	0.301
3:	0.074	-0.267
4:	-0.383	-0.656
5:	0.111	-0.858
6:	0.699	0.290
7:	0.530	-0.049
8:	0.398	0.586
9:	0.141	0.451
10:	0.053	0.294

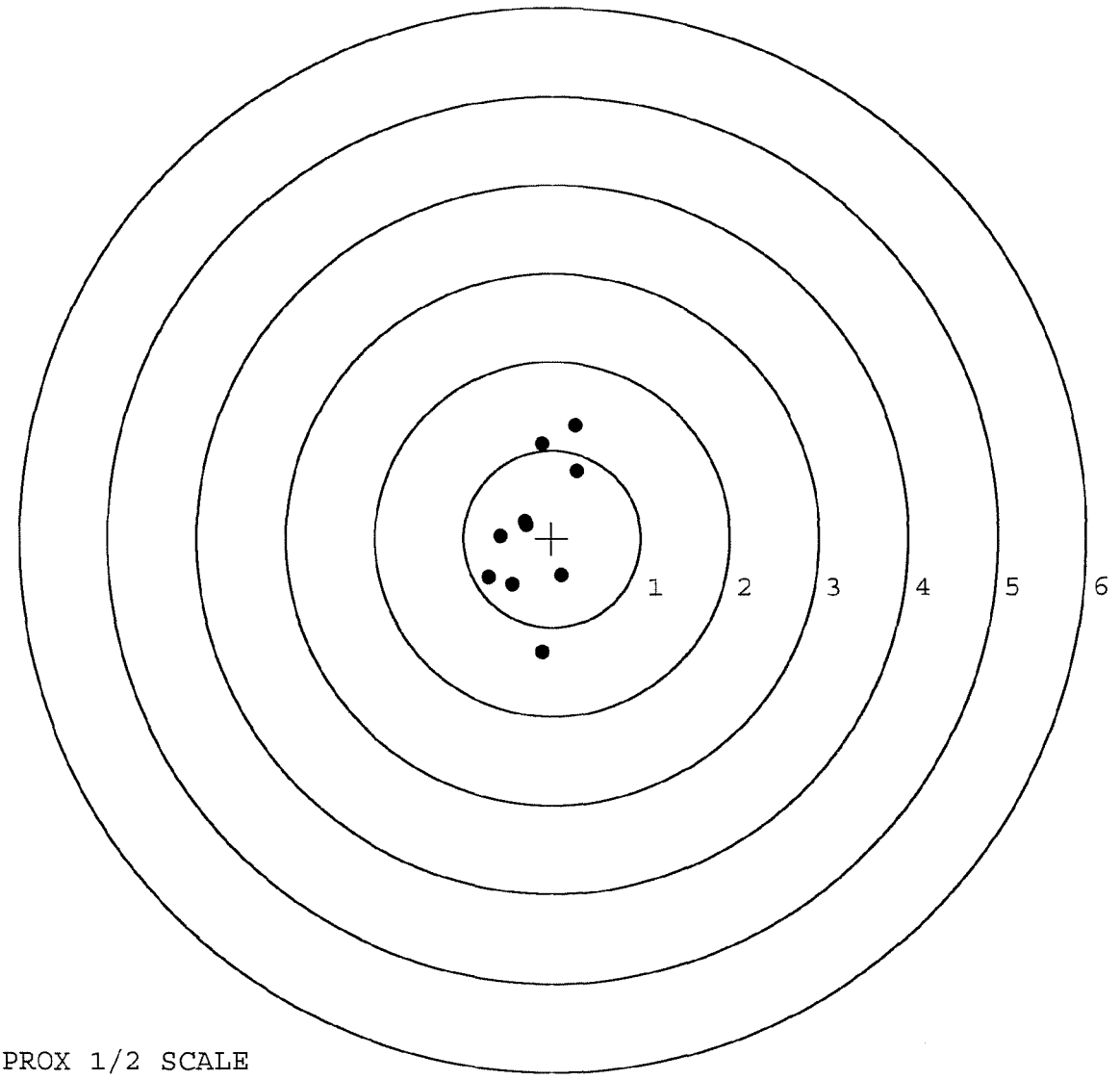


TARGET APPROX 1/2 SCALE

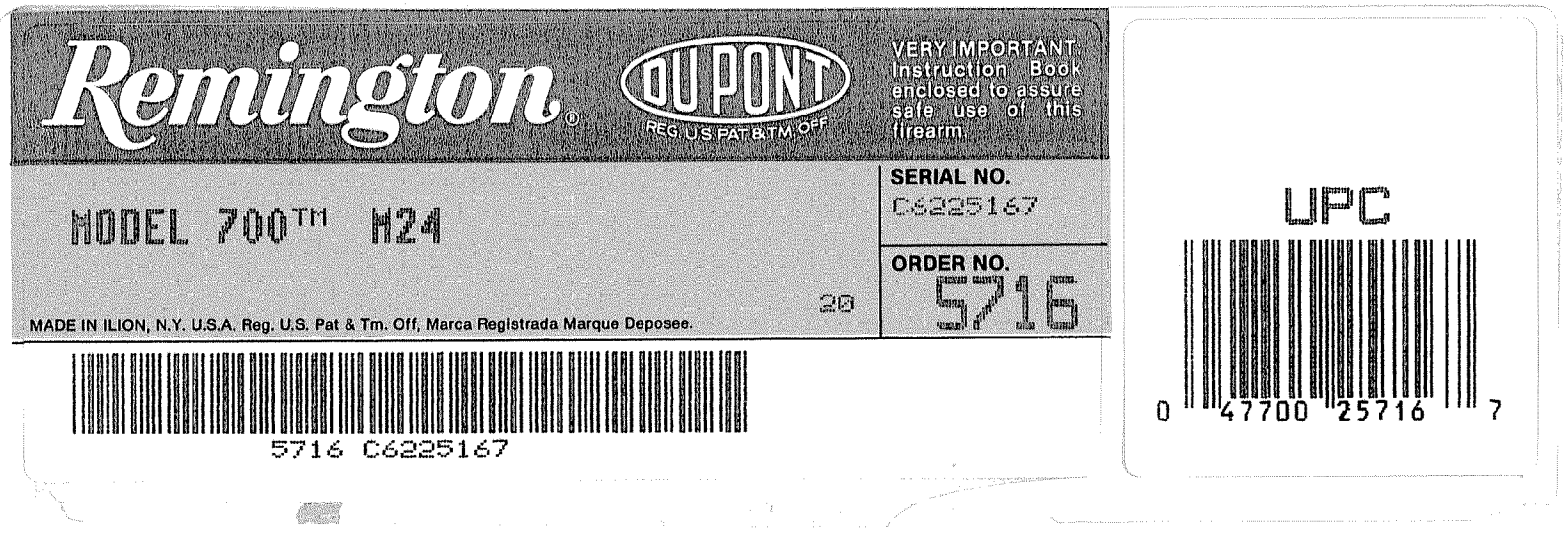
SERIAL NUMBER: C6225167.__0
TARGET NUMBER: 5
FILE DATE: 03/14/2002
FILE TIME: 03:15

X CENTROID:	-0.190
Y CENTROID:	0.080
POA TO CENTROID:	0.207
HORZ SPREAD:	1.000
VERT SPREAD:	2.561
GROUP SPREAD:	2.589
MIN RADIUS:	0.123
MAX RADIUS:	1.365
MEAN RADIUS:	0.713
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.289	0.153
2:	-0.582	0.020
3:	-0.717	-0.442
4:	-0.448	-0.526
5:	0.107	-0.421
6:	-0.111	-1.282
7:	0.283	0.764
8:	0.270	1.279
9:	-0.116	1.071
10:	-0.301	0.187



TARGET APPROX 1/2 SCALE



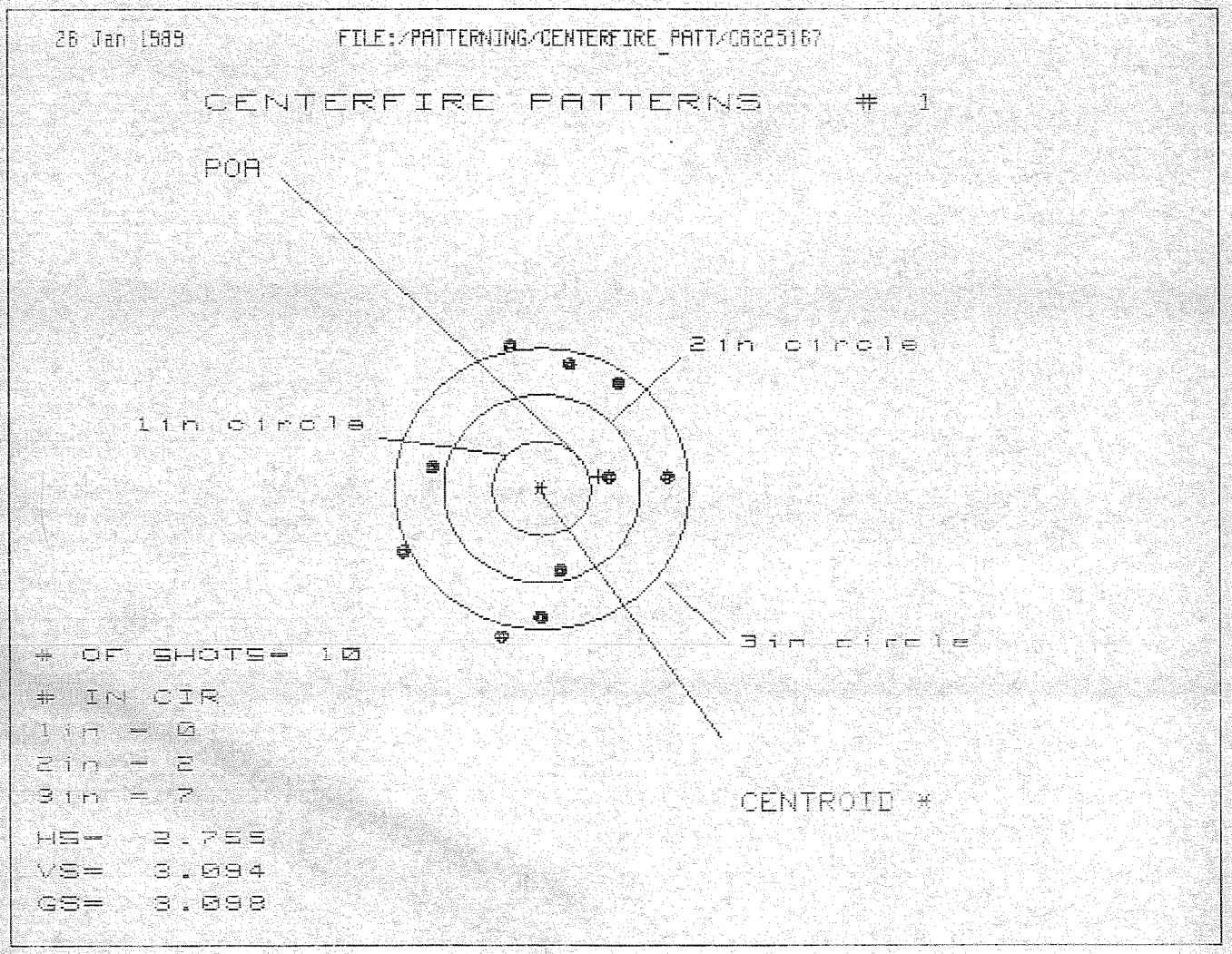
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225167
26 Jan 1989

CENTROIDAL DISTANCES

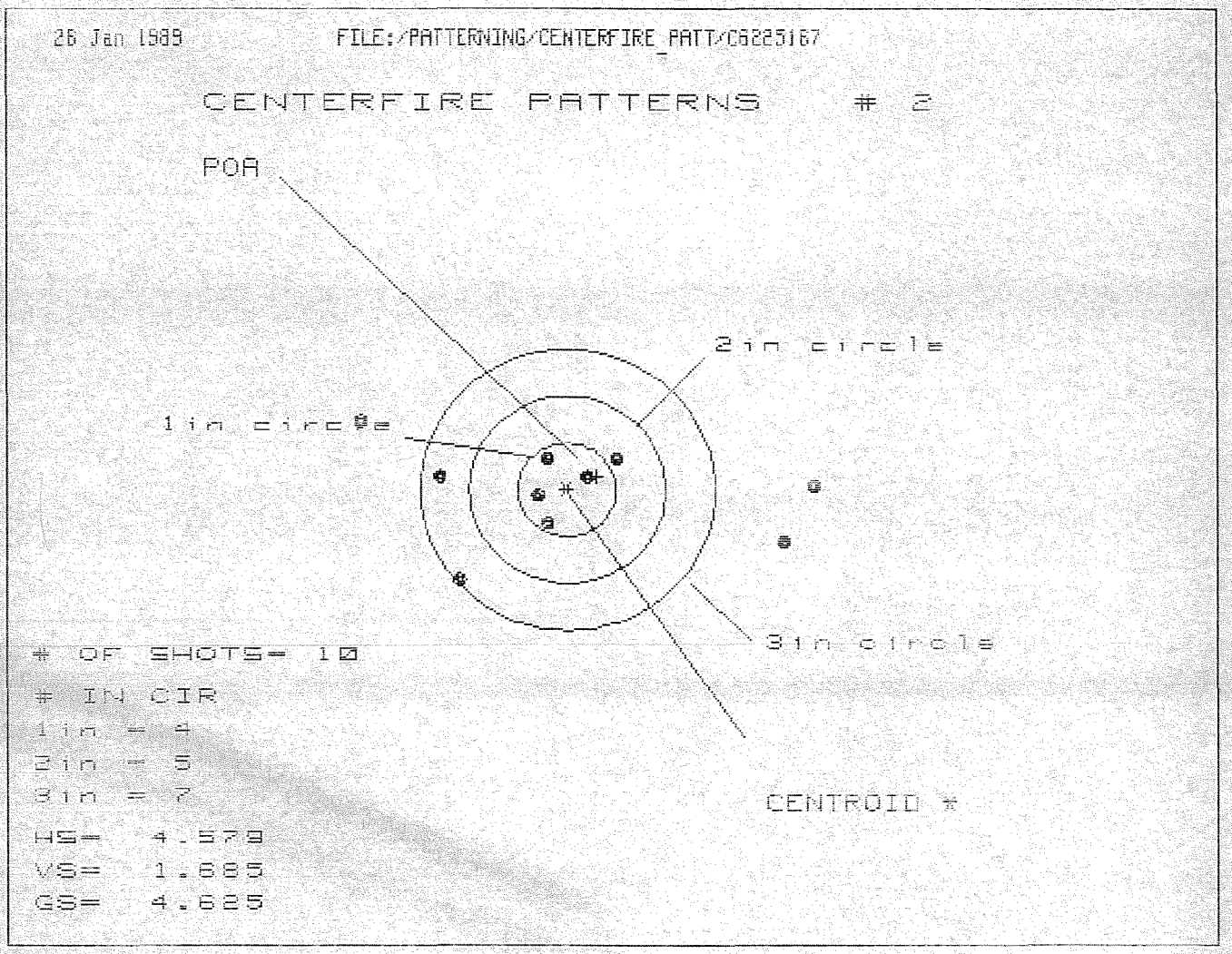
0	TO	1	.469004
1	TO	2	.650542
1	TO	3	.326014
1	TO	4	.163233
1	TO	5	.127346

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.34
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0038
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .340021

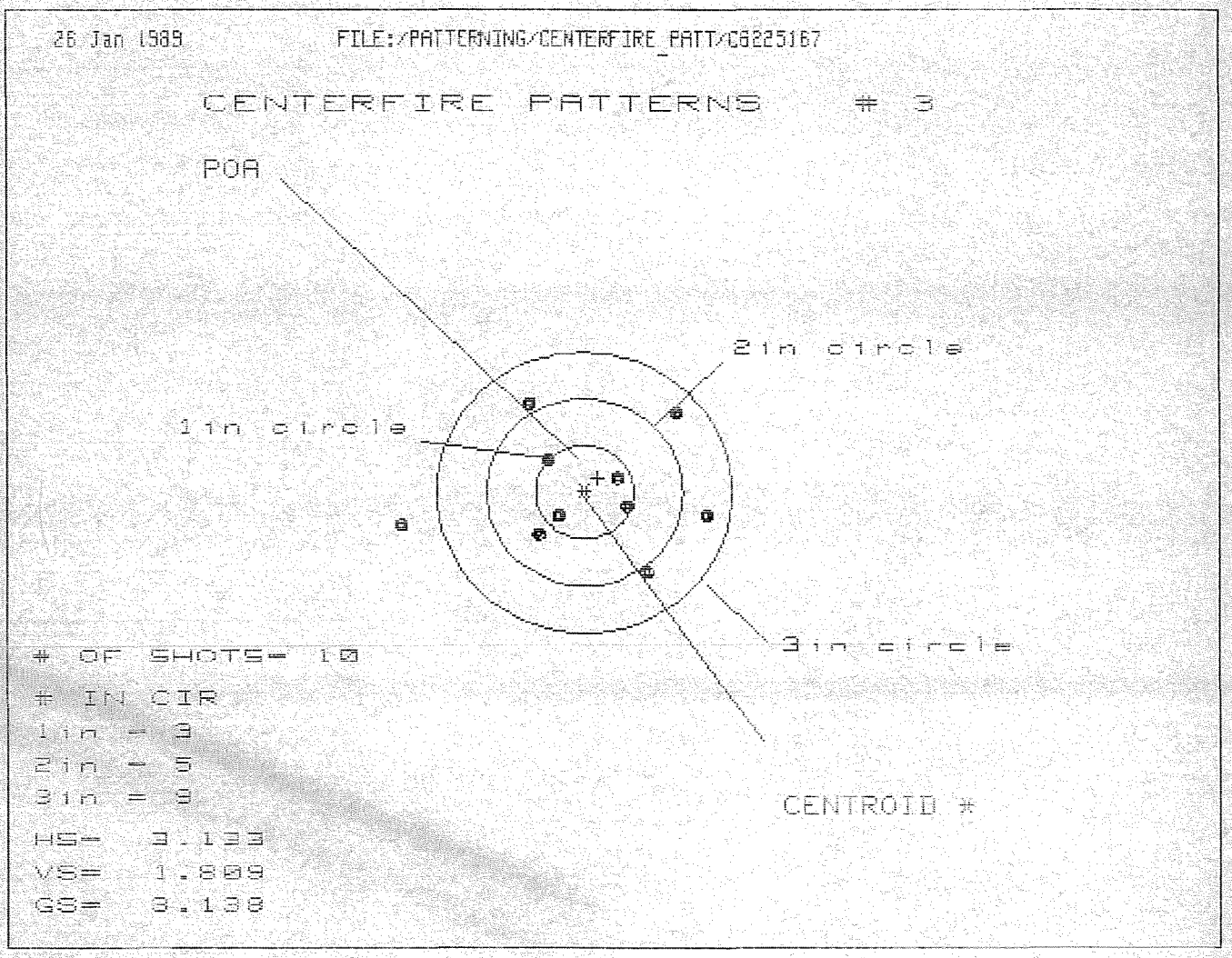
THE AMR FOR THIS RIFLE IS: 1.102



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.300	1.249	1.061
MINIMUM X	:	-1.455	-1.506	-1.308
MAXIMUM Y	:	1.533	1.360	1.256
MINIMUM Y	:	-1.560	-1.550	-1.654
CENTROID X	:	-.582	-.531	-.343
CENTROID Y	:	-.130	.044	.148
POA TO CENTROID in.	:	.596	.533	.374
MIN RADIUS	:	.689	.629	.464
MEAN RADIUS	:	1.288	1.236	1.137
MAX RADIUS	:	1.625	1.722	1.675
HORIZONTAL SPREAD	:	2.755	2.755	2.369
VERTICAL SPREAD	:	3.094	2.910	2.910
EXTREME SPREAD	:	3.098	2.923	2.923
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	



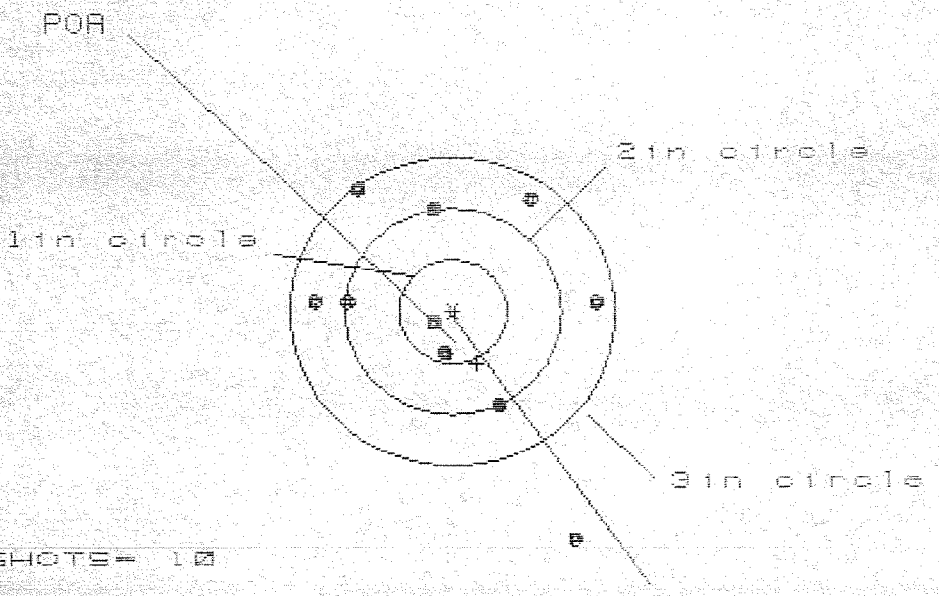
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.479	2.440	1.052
MINIMUM X	:	-2.100	-1.824	-1.519
MAXIMUM Y	:	.736	.746	.679
MINIMUM Y	:	-.949	-.939	-1.006
CENTROID X	:	-.300	-.576	-.881
CENTROID Y	:	-.142	-.152	-.085
POA TO CENTROID in.	:	.332	.595	.885
MIN RADIUS	:	.215	.025	.297
MEAN RADIUS	:	1.167	.981	.841
MAX RADIUS	:	2.481	2.498	1.664
HORIZONTAL SPREAD	:	4.579	4.264	2.571
VERTICAL SPREAD	:	1.685	1.685	1.685
EXTREME SPREAD	:	4.625	4.452	2.597
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.228	1.016	.832
MINIMUM X	:	-1.905	-.741	-.614
MAXIMUM Y	:	.943	.900	.870
MINIMUM Y	:	-.866	-.909	-.939
CENTROID X	:	-.136	.076	-.051
CENTROID Y	:	-.152	-.109	-.079
POA TO CENTROID in.	:	.204	.133	.094
MIN RADIUS	:	.371	.178	.262
MEAN RADIUS	:	.896	.756	.717
MAX RADIUS	:	1.944	1.166	1.126
HORIZONTAL SPREAD	:	3.133	1.757	1.446
VERTICAL SPREAD	:	1.809	1.809	1.809
EXTREME SPREAD	:	3.138	2.136	2.136
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

26 Jan 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C82251167

CENTERFIRE PATTERNS # 4

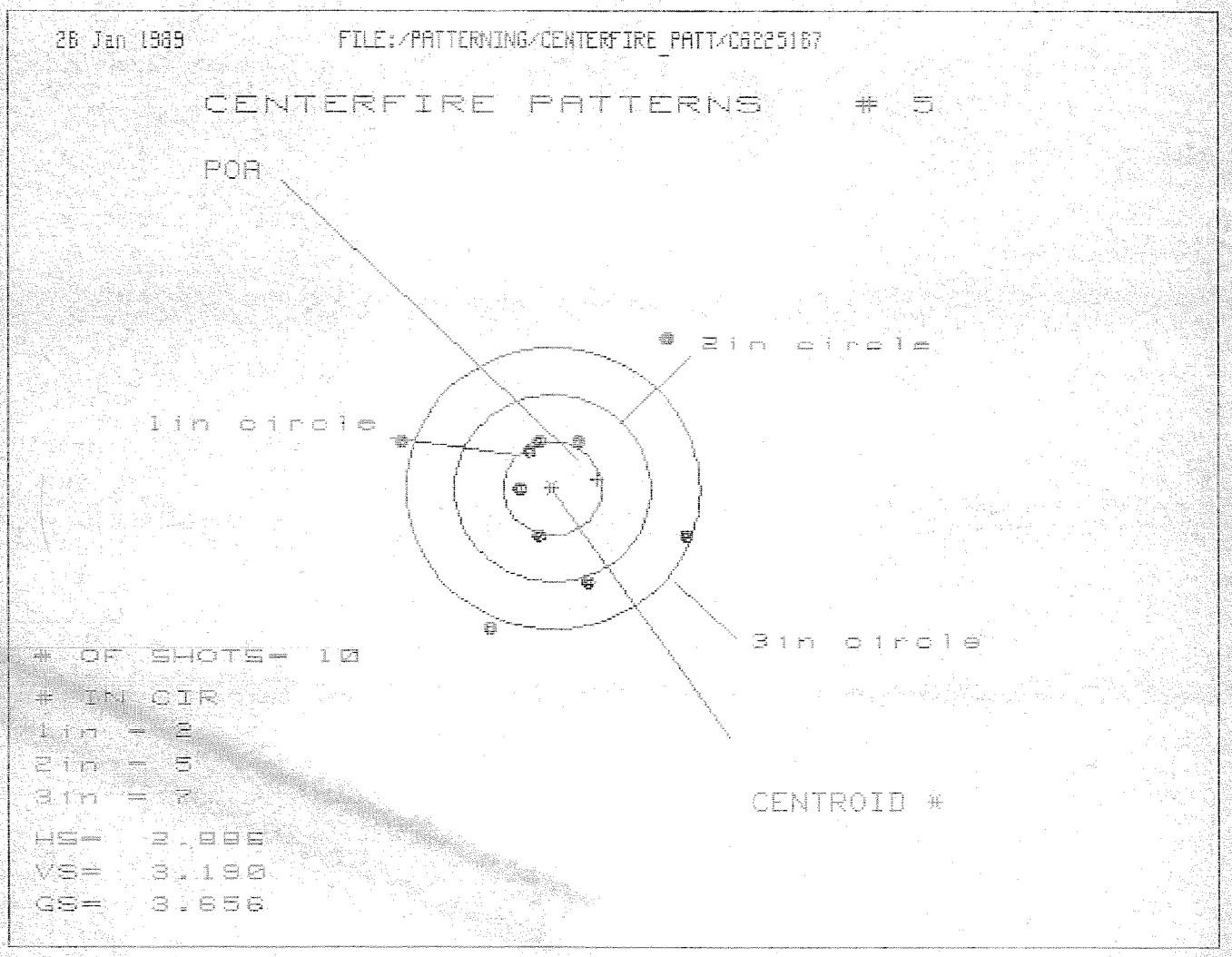


# OF SHOTS= 10
# IN CIR
1in = 2
2in = 2
3in = 9
HS= 2.556
VS= 3.337
GS= 3.909

PATTERN # : 4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.314	1.439	1.340
MINIMUM X	-1.242	-1.117	-1.216
MAXIMUM Y	1.169	.928	.947
MINIMUM Y	-2.168	-1.166	-1.050
CENTROID X	-.224	-.349	-.250
CENTROID Y	.506	.747	.631
POA TO CENTROID in.	.553	.824	.679
MIN RADIUS	.146	.298	.211
MEAN RADIUS	1.138	.982	.938
MAX RADIUS	2.442	1.446	1.341
HORIZONTAL SPREAD	2.556	2.556	2.556
VERTICAL SPREAD	3.337	2.094	1.997
EXTREME SPREAD	3.909	2.556	2.556

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 2
NUMBER IN THREE INCH CIRCLE = 9



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.348	1.475	1.410
MINIMUM X	:	-1.538	-1.411	-1.476
MAXIMUM Y	:	1.647	.717	.547
MINIMUM Y	:	-1.543	-1.360	-.945
CENTROID X	:	-.458	-.585	-.520
CENTROID Y	:	-.101	-.284	-.114
POA TO CENTROID in.	:	.469	.650	.532
MIN RADIUS	:	.358	.296	.297
MEAN RADIUS	:	1.019	.903	.807
MAX RADIUS	:	2.005	1.583	1.574
HORIZONTAL SPREAD	:	2.886	2.886	2.886
VERTICAL SPREAD	:	3.190	2.077	1.542
EXTREME SPREAD	:	3.656	3.080	3.080
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

RECEIVING AND ESTIMATING REPORT

ORDER: R 93-27260

COMMENTS: ATTN: FRED MARTIN/M24 W/ULTRA 10X-M3A SCOPE W/ADJUSTABLE RECOIL PAD

INITIAL	CUSTOMER ORDER NO.
FPS	8382

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
12/14/93	12/14/93	DI 9-88	C6225167		700 7.62 NATO

ACCESSORIES: W/STUDS W/SWIVELS SCOPE MNTS SCOPE BASE SOFT CASE

FROM:
CDR
HHC 4/325 TH A.I.R.
FT BRAGG NC 28307

SHIP TO:
CDR
HHC 4/325 TH A I R
FT BRAGG NC 28307

CUST NO:045888 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA
					DOOR

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: New Barrel

PARTS:
Barrel - 96003

COMMENTS:
Re Zinc - Scope Base Scope Rings Swivels + Swivel Studs.
Re powder Coat - Floor plate / latch / Trigger Guard / Front & Rear / Sight Bases /

W 52H09 3361 H237

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW	12/14/93	12/20/93	12/20/93	12/20/93	

OFFICE COPY

RD6925 REV. 1/92

RD-6947-Rev 3

PAYMENT:
Mastercard / Visa *(circle one)*
Card #:_____
Exp. Date:_____
Signature_____

RETURN:
☐ Clark Street Entrance
☒ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE Nº 008382

DATE 12/14/93

CUSTOMER NAME: CMD, HHC 4/325 AIR

ADDRESS: Fort Bragg N.C. (WH9ZAA)

ZIP: 28307

PHONE: (910) 432-9260

REMINGTON EMPLOYEE:
YES ☐ NO ☒
EMPLOYEE # _____
DEPT. # _____

FIREARM MODEL: M24

GAUGE: 7.62

SERIAL # C6225167

CHECK FOR AMMUNITION ✓

CONDITION:

WOOD	GOOD	FAIR	POOR	FANCY	PLAIN
METAL	GOOD	FAIR	POOR	FANCY	PLAIN
BARREL	VT. RIB	PLAIN	DEER RSS		

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) Serial # 871170

SLING: YES NO GUN CASE: YES NO (HARD-SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: Request Repair per TM Contract

SIGNATURE: _____ DATE: 12/14/93
(Person delivering firearm to Plant)

SIGNATURE: _____ DATE: 12/14/93
(Security Officer)

SIGNATURE: Richard Wright DATE: 12/14/93
(Firearm picked up by)

Arm Service Copy

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG	PAGE NO.	NO. OF PAGES	*REQUIREMENTS CONTROL SYMBOL* *CSGLD - 1047(R1)*

SECTION I - EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NO.	WESDC	ORG. PD	PD AUTHENTICATION

☐ Work Request ☐ MWO ☐ Warranty Claim	1A. ORGANIZATION	B. LOCATION	C. UNIT IDENT CODE

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER

7A. MAINTENANCE ACTIVITY	B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

A	Sch. Main.	C	Test	E	Storage	G	Flight
B	Handling	D	Normal Op	F	Inspection	H	Other

15. FIRST INDICATION OF TROUBLE *(Select one - use ✓ or X)*

058	Inoperative	258	Overheating	790	Out of Adjustment
008	Noisy	387	Low Performance		Other

16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM *(Do not prescribe repairs)*

B. REMARKS

PREPARATION INSTRUCTIONS ***(Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)***

1. Place a "✓" or an "X" in the box for the type of action required.
2. Enter the WESDC if the item is Materiel Condition Status Reportable.
3. Enter the priority designator as determined from the urgency of need and force activity designator.
4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08.
5. *Block 1A.* Enter the name of the organization submitting the request.
6. *Block 1B.* Enter the unit submitting the request; units overseas enter APO only.
7. *Block 1C.* Enter the unit identification code of the unit in block 1A.
8. *Block 2.* Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number.
9. *Block 3.* Enter the noun abbreviation of the item.
10. *Block 4.* Enter the item line number, if applicable.
11. *Block 5.* Enter the model number.
12. *Block 6.* Enter the National Stock Number of the item listed in Block 3.
13. *Block 7.* Enter the name of the support activity.
14. *Block 7A.* Enter the symbol of the maintenance category (O, F, H, D, or L).
15. *Block 8.* Enter the utilization code.
16. *Block 9A.* Enter the word "yes" if the item is Materiel Condition Status Reportable.
17. *Block 9B.* Enter the equipment readiness code, if applicable.
18. *Block 9C.* Enter the word "yes" if the item is a pacing item.
19. *Block 10.* Enter the hour reading, if applicable.
20. *Block 11.* Enter the mileage from the odometer, if applicable.
21. *Block 12.* Enter the total rounds fired, if applicable.
22. *Block 13.* For turbine engines, enter the number of hot starts.
23. *Block 14.* Enter a "✓" or "X" in the proper block.
24. *Block 15.* Enter a "✓" or "X" in the proper block.
25. *Block 16.* Describe briefly the fault or symptoms needing correction.

23. SUBMITTED BY	24. RECEIVED BY
JULIAN DATE	JULIAN DATE

DA FORM 2407, AUG 88 EDITION OF MAY 81 MAY BE USED **RECEIPT COPY 1**

MAINTENANCE REQUEST

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

PAGE NO	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL
		CSGLD - 1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NO	WESDC	ORG PD	PD AUTHENTICATION

☐ Work Request ☐ MWO ☐ Warranty Claim	1A. ORGANIZATION	B. LOCATION	C. UNIT IDENT CODE

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER

7A. MAINTENANCE ACTIVITY	B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

A Sch. Main.	C Test	E Storage	G Flight				
B Handling	D Normal Op	F Inspection	H Other				

15. FIRST INDICATION OF TROUBLE *(Select one - use ✓ or X)*

058 Inoperative	258 Overheating	790 Out of Adjustment					
008 Noisy	387 Low Performance	Other					

16A. DESCRIBE DEFICIENCIES *OR SYMPTOMS ON* THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM *(Do not prescribe repairs).*

B. REMARKS

SECTION II - WORK ACCOMPLISHED

17A. REPAIR ORGANIZATION/ACTIVITY	C. UNIT IDENT. CODE	18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK *(Select one - use ✓ or X)*	19. AMS ACCT. CODE
B. LOCATION		1 TOE 2 TD 3 Contractor	

20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO. (1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE	D. MANHOURS *(Hrs. & tenths)*	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
			I. TOTAL MANHOURS			J. TOTAL MANHOURS COST $		K. TOTAL PARTS COST $	

21. DELAY *(Select One)* 1 Parts 2 Manpower 3 Facilities 4 Funds 5 Tools

22. ☐ Data Transcribed

23. SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION *(Select One)*
JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	A To User, B To Stock, C Salvaged, D Evacuated, E Cannibalization

DA FORM 2407, AUG 88 EDITION OF MAY 81 MAY BE USED **NMP COPY 2**

SWS/Repair

Final Inspection

Sn: C6225167	DATE REC'D: 12/14/93	DATE RET'D: 12/
AUDITOR: PW		

Item:
Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:
Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Systems Case
- ___ Scope Case
- ___ Iron Sights
- ___ Depoyment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Comments: _____

Scope # 1170
New Barrel

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225167

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/14/93	RW
600	Proof		12/14/93	RW
607	Check Headspace		12/14/93	RW
610	Dis-assemble Gun		12/14/93	RW
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		12/30/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/30/93	RW
	C) Inspect Ejector Hole for Chamfer		12/30/93	RW
	D) Oil Firing Pin Ass'y		12/30/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
5 cont.	F) Safety On Force			
	G) Safety Off Force			
	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		12/20/93	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clearity of Scope			
645	Inspect for Live Ammo		12/20/93	RW
655	Final Inspection A) Headspace		12/21/93	RW
	B) Trigger Pull	2.40 | 2.36 | 2.32 | 2.39 | 2.28	12/21/93	RW
	C) Function		12/21/93	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225167
27 Dec 1993

CENTROIDAL DISTANCES

Ø	TO	1	.219495
1	TO	2	.319564
1	TO	3	.266257
1	TO	4	.289679
1	TO	5	.624585

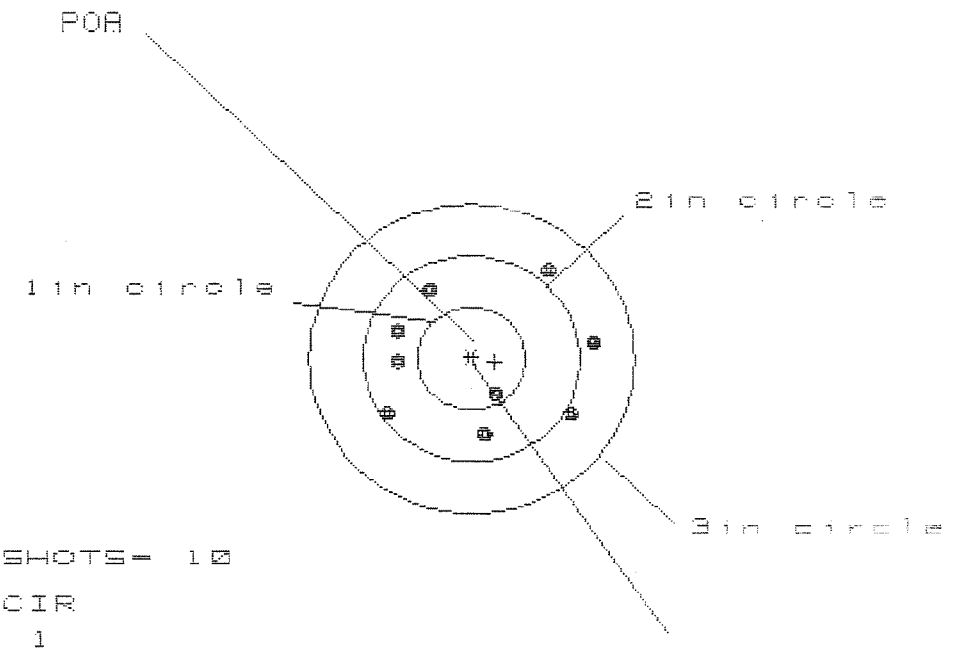
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0456
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0428
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0625[illegible]

THE AMR FOR THIS RIFLE IS: .8014

27 Dec 1933 FILE:/PATTERNING/CENTERFIRE_PATT/C6225187

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

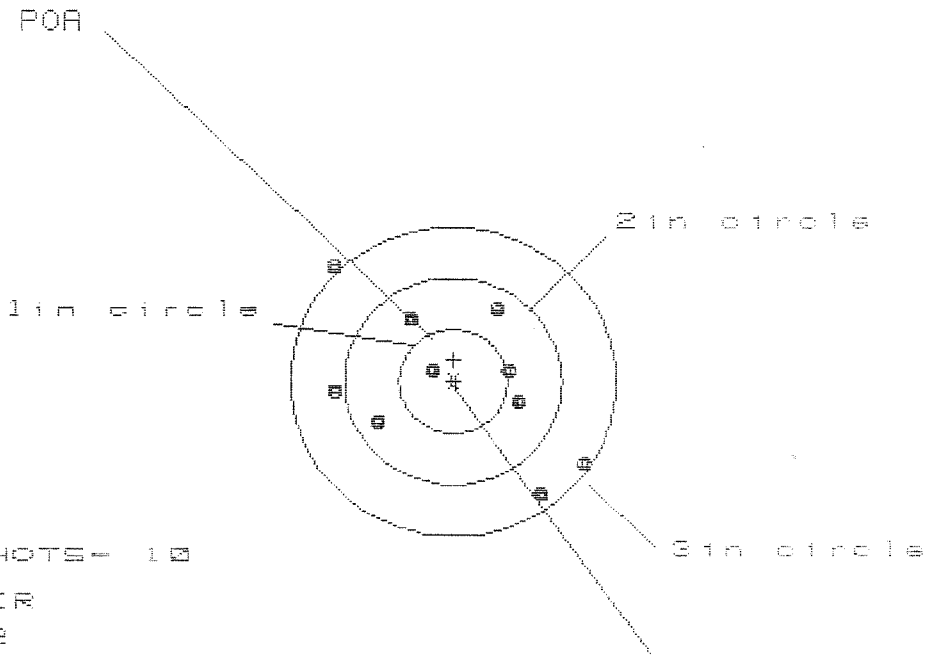
# IN CIR	
1in =	1
2in =	7
3in =	10

HS= 1.888
VS= 1.563
GS= 2.034

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.149	1.066	1.167
MINIMUM X	:	-.740	-.612	-.511
MAXIMUM Y	:	.879	.892	.744
MINIMUM Y	:	-.684	-.671	-.559
CENTROID X	:	-.217	-.345	-.446
CENTROID Y	:	.033	.020	-.092
POA TO CENTROID in.	:	.220	.346	.455
MIN RADIUS	:	.347	.422	.451
MEAN RADIUS	:	.810	.750	.671
MAX RADIUS	:	1.154	1.203	1.230
HORIZONTAL SPREAD	:	1.888	1.678	1.678
VERTICAL SPREAD	:	1.563	1.563	1.303
EXTREME SPREAD	:	2.034	2.034	1.753
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

27 Dec 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C9225167

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

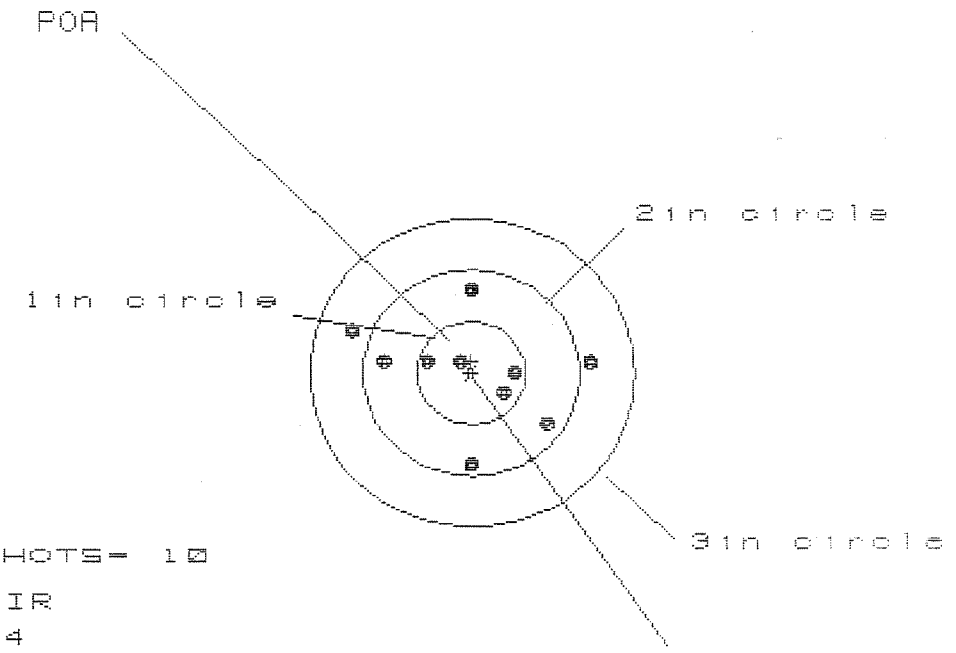
# IN CIR
1in = 2
2in = 6
3in = 9

HS= 2.355
VS= 2.132
GS= 2.979

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.229	1.104	.849
MINIMUM X	:	-1.126	-1.251	-1.113
MAXIMUM Y	:	1.060	.788	.707
MINIMUM Y	:	-1.072	-.954	-1.035
CENTROID X	:	-.006	.119	-.019
CENTROID Y	:	-.207	-.325	-.244
POA TO CENTROID in.	:	.207	.346	.245
MIN RADIUS	:	.236	.379	.247
MEAN RADIUS	:	.917	.848	.775
MAX RADIUS	:	1.547	1.279	1.338
HORIZONTAL SPREAD	:	2.355	2.355	1.962
VERTICAL SPREAD	:	2.132	1.742	1.742
EXTREME SPREAD	:	2.979	2.461	2.212
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Dec 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6225167

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

# IN CIR
1in = 4
2in = 8
3in = 10

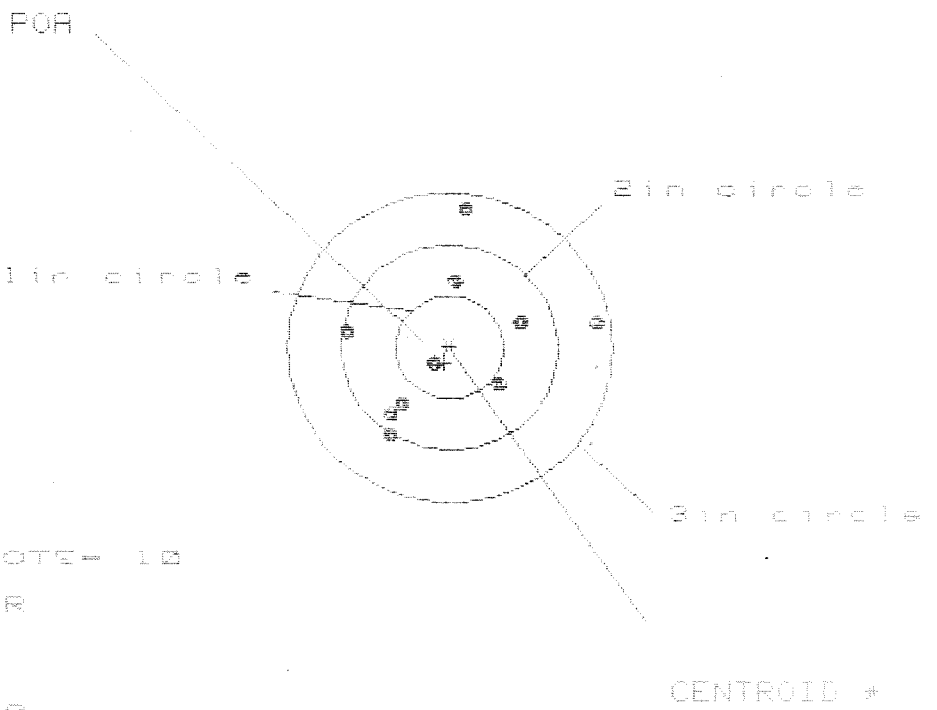
HS= 2.249
VS= 1.748
GS= 2.279

PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.118	.992	.695
MINIMUM X :	-1.131	-.955	-.831
MAXIMUM Y :	.821	.872	.890
MINIMUM Y :	-.927	-.876	-.858
CENTROID X :	.005	.131	.007
CENTROID Y :	-.114	-.165	-.183
POA TO CENTROID in.:	.114	.211	.183
MIN RADIUS :	.175	.271	.217
MEAN RADIUS :	.722	.658	.610
MAX RADIUS :	1.222	1.002	.891
HORIZONTAL SPREAD :	2.249	1.947	1.526
VERTICAL SPREAD :	1.748	1.748	1.748
EXTREME SPREAD :	2.279	1.948	1.748
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

27 Dec 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C8225167

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

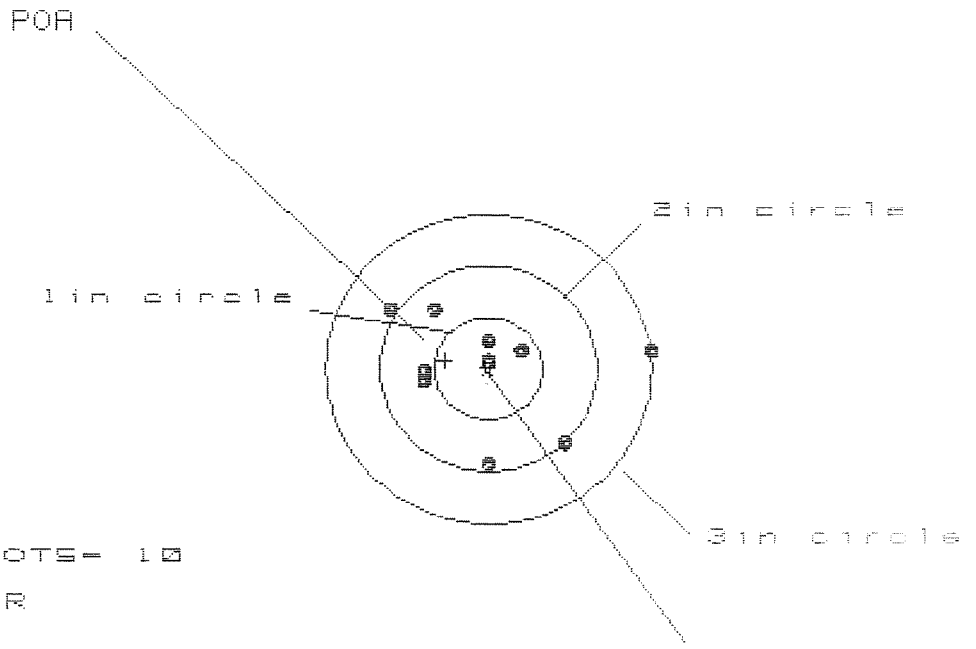
# IN CIR
1in = 1
2in = 7
3in = 10

HS= 2.350
VS= 2.177
GS= 2.363

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.364	.827	.870
MINIMUM X	:	-.994	-.842	-.798
MAXIMUM Y	:	1.329	1.357	.824
MINIMUM Y	:	-.848	-.820	-.650
CENTROID X	:	.048	-.104	-.147
CENTROID Y	:	.150	.122	-.048
POA TO CENTROID in.	:	.158	.160	.155
MIN RADIUS	:	.258	.169	.030
MEAN RADIUS	:	.837	.756	.628
MAX RADIUS	:	1.388	1.401	.968
HORIZONTAL SPREAD	:	2.358	1.669	1.669
VERTICAL SPREAD	:	2.177	2.177	1.474
EXTREME SPREAD	:	2.363	2.299	1.674
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Dec 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6225167

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.394
VS= 1.534
GS= 2.431

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.545	.910	.825
MINIMUM X	:	-.849	-.677	-.553
MAXIMUM Y	:	.587	.606	.640
MINIMUM Y	:	-.947	-.928	-.853
CENTROID X	:	.398	.226	.311
CENTROID Y	:	-.076	-.095	-.170
POA TO CENTROID in.	:	.405	.245	.354
MIN RADIUS	:	.067	.160	.163
MEAN RADIUS	:	.721	.614	.587
MAX RADIUS	:	1.554	1.149	1.036
HORIZONTAL SPREAD	:	2.394	1.587	1.378
VERTICAL SPREAD	:	1.534	1.534	1.493
EXTREME SPREAD	:	2.431	2.056	1.774
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6774167 [redacted]

OP. #	OP. NAME	READINGS	DATE	INIT
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			
	G) Safety Off Force			
	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	15 R/B Test	7-24-91	DH
	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			
	C) Function			
660	Pack			

RECEIVING AND ESTIMATING REPORT

INITIAL	CUSTOMER ORDER NO.	COMMENTS
LCS		W/ 10-3MA SCOPE, TOOL BOX MODEL 24SNIPER RIFLE

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	MODEL AND GRADE	ORDER
06/28/91	07/01/91	DI 9-88	C6225167	700 7.62 NATO	R 91-13408

ACCESSORIES W/STUDS W/SWIVELS SCOPE BASE

FROM:

CDR
HHC 4/325 TH A I R
FT BRAGG NC 28307
USA

SHIP TO:

CDR
HHC 4/325 TH A I R
FT BRAGG NC
USA 28307

ACCOUNT NUMBER	ACCOUNT NUMBER N/C		PROM. DATE	ESTIMATED	VIA
		WRITE ☐ CLEAN/TEST			UPS

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL

GUN CONDITION: ☐ NEW ☒ SLIGHTLY WORN ☐ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST 1000 rds

MAIN FAULT
1. RE-POWDER COAT BBL ACTION
2. RE-POWDER COAT TRIGGER GUARD

PARTS PARTS REPLACED

1- 96044- SCOPE DUST COVER REAR

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 7/90

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
HHC Scouts 4/325	M25 SWS

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
6235467			1,325		25 APR 91	PMCS (A)

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	FEB 89		

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 materiel 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
[signature] Shelley Ronald L.	1300			

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	X	Rock Barrel		
		warped to left		
		side		
2	/	over 1,000 Rds		
		Fired Thru System		
3	/	Replacement parts		
		need for Cleaning		
		Kit:		
		~~Front guard bolt~~		
7		Swivel, sling		
8		Front sight insert kit		
		incomplete		
~~27~~		~~Day optic sight base~~ s		
28		Day optic sight dust		
		cover, front		
29		Day optic sight dust		
		cover, rear		
30		Brush, chamber		

DA FORM 2404, 1 APR 79 — Replaces edition of 1 Jan 64, which will be used

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
31		Bore Brush		
41		Cleaning rod Kit		
42		restalk lense cleaning		
		Kit		

★U.S.GPO:1988-0-211-840

@ EVAC Oct '78 021D

MAINTENANCE REQUEST

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

PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)

SECTION I – EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NUMBER	WESDC	ORG PD	PD AUTHENTICATION
	B176		12	

WORK REQUEST	1a. ORGANIZATION	b. LOCATION	c. UNIT IDENT CODE
☐ MWO ☒ WARRANTY CLAIM		Fort Bragg, NC	WH7ZTO

RIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
			M24	1005-01-110-2136

INTENANCE ACTIVITY	a. LEVEL	8. UTILIZATION CODE	9. MCSR ITEM	a. ERC	b. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
	L							1,000	

AILURE DETECTED DURING *(Select one · use ✓ or X)*

☐ A Scheduled Maintenance ☐ C Test ☐ E Storage ☐ G Flight
☐ B Handling ☐ D Normal Op ☐ F Inspection ☒ H Other

15. FIRST INDICATION OF TROUBLE *(Select one · use ✓ or X)*

☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment
☐ 008 Noisy ☐ 387 Low Performance ☒ Other

ESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM *(Do not ribe repairs)*

Sec Attached DA 4-104

REMARKS

4987-15 1/4621
POC: Spc Hubbard

SECTION II – WORK ACCOMPLISHED

REPAIR ORGANIZATION/ACTIVITY	c. UNIT IDENT CODE	18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK *(Select one · use ✓ or X)*	19. AMS ACCOUNT CODE
CATION		☐ 1 TOE ☐ 2 TD ☐ 3 CONTRACTOR	

E	FAILURE CODE b	c. COMPONENT/PART NOUN, SVC, OR MWO NO. d. CB CODE	e. REF DESIGNATOR	f. MFR CODE	MANHOURS (Hrs & tenths) g	NATIONAL STOCK NUMBER h	PART SOURCE CODE i	QTY j	PARTS COST k
		M24			.5				
		M24			.5				
		M24			.5				
				l. TOTAL MANHOURS 1.5		m. TOTAL MANHOURS COST $		n. TOTAL PARTS COST $	

LAY *(Select one)* ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools 22. ☐ DATA TRANSCRIBED

BMITTED BY	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION *(Select one)*
					☐ A To User ☐ C Salvaged ☐ B To Stock ☐ D Evacuated ☐ E Cannibalization
AN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	
	91129	91129			

FORM MAY 81 2407 EDITION OF JUL 79 IS OBSOLETE. ORGANIZATION COPY 4

MAINTENANCE REQUEST

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

PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL
		CSGLD-1047(R1)

SECTION I – EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NUMBER	WESDC	ORG PD	PD AUTHENTICATION
			Ø2	

- [X] WORK REQUEST
- [ ] MWO
- [X] WARRANTY CLAIM

1a. ORGANIZATION	b. LOCATION	c. UNIT IDENT CODE
HHC 4/325TH A.I.R.	FT. BRAGG, N.C. 28307	WH9ZTO

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
C6225167	7.62 MM SNIPER WEAPON SYST.		M-24	1005-01-240-2136

7. MAINTENANCE ACTIVITY	a. LEVEL	B. UTILIZATION CODE	9. MCSR ITEM	a. ERC	b. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
REM. ARMS CO.								6325	

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

- [ ] A Scheduled Maintenance
- [ ] B Handling
- [ ] C Test
- [ ] D Normal Op
- [ ] E Storage
- [X] F Inspection
- [ ] G Flight
- [ ] H Other

15. FIRST INDICATION OF TROUBLE *(Select one - use ✓ or X)*

- [ ] 068 Inoperative
- [ ] 008 Noisy
- [ ] 258 Overheating
- [ ] 387 Low Performance
- [ ] 790 Out of Adjustment
- [X] Other

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM *(Do not prescribe repairs)*

SEE ATTACHED 2404

16a. REMARKS

(919)432-5059/7622

P.O.C. SGT. HULSLANDER

SECTION II – WORK ACCOMPLISHED

17a. REPAIR ORGANIZATION/ACTIVITY	c. UNIT IDENT CODE	18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK *(Select one - use ✓ or X)*	19. AMS ACCOUNT CODE
b. LOCATION		[ ] 1 TOE [ ] 2 TD [ ] 3 CONTRACTOR	

20a. ACT CODE	FAILURE CODE b	c. COMPONENT/PART NOUN, SVC, OR MWO NO. d. CB CODE	e. REF DESIGNATOR	f. MFR CODE	MANHOURS (Hrs & tenths) g	NATIONAL STOCK NUMBER h	PART SOURCE CODE i	QTY j	PARTS COST k
				l. TOTAL MANHOURS		m. TOTAL MANHOURS COST $		n. TOTAL PARTS COST $	

21. DELAY *(Select one)* [ ] 1 Parts [ ] 2 Manpower [ ] 3 Facilities [ ] 4 Funds [ ] 5 Tools

22. [ ] DATA TRANSCRIBED

23. SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION *(Select one)*
					[ ] A To User [ ] C Salvaged
JULIAN DATE 91176	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	[ ] B To Stock [ ] D Evacuated [ ] E Cannibalization

DA FORM MAY 81 2407 EDITION OF JUL 79 IS OBSOLETE. CONTROL COPY 3

Scope 1170

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225167

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	88	FB
600	Proof	9 19	88	RW
607	Check Headspace	9 19	88	RW
610	Dis-assemble Gun	9 19	88	RW
612	Magnaflux Barrel Action		9 22 88	RW
	Magnaflux Bolt		9 22 88	RW
615	Rollmark Caliber		10/22	GS
617	Drill and Tap Sight Holes		10/22	FB
618	Polish Barrel		10/24	WJT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/89	RW
	C) Inspect Ejector Hole for Chamfer		11/2/89	RW
	D) Oil Firing Pin Ass'y		11/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/2/89	RW

op. #	OP. NAME	READINGS	DATE	INITIAL
625 cont.	F) Safety On Force	5 | 5 | 5	11 Jan 89	[illegible]
	G) Safety Off Force	3 | 3 | 3	11 Jan 89	[illegible]
	H) Trigger Pull Test & Retainability		11 Jan 89	[illegible]
	I) Firing Pin Indent	.0215 | .022 | .022	11 Jan 89	[illegible]
	J) Assemble Stock		1/12/89	RW
	K) Assemble Swivel Studs		13 Jan 89	[illegible]
	L) Attach Front and Rear Sight Assemblies		1/12/89	RW
	M) Iron Sight Alignment		1/12/89	RW
	N) Detach Front & Rear Sights & place in numbered container		1/12/89	RW
	O) Attach Scope to Rifle		13 Jan 89	[illegible]
	P) Detach & Attach Scope 20 Times		13 Jan 89	[illegible]
640	Gallery Target & Test	40R 109L	1/25/89	DH
	A) Time		1/25/89	DH
	B) Malfunctions		1/25/89	DH
	C) Pierced Primers		1/25/89	DH
	D) Optical Clearity of Scope		1/25/89	DH
645	Inspect for Live Ammo		1/25/89	DH
655	Final Inspection A) Headspace		31 Jan 89	[illegible]
	B) Trigger Pull	2.45 | 2.55 | 2.46 | 2.35 | 2.44	31 Jan 89	[illegible]
	C) Function		31 Jan 89	[illegible]
660	Pack		[illegible]	DH

SWS TRIGGER PULL TEST

5167

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

SERIAL NO. ~~C634995~~

DATE 10 Oct 89

TESTER JJS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	254	241	275	281	MIN. SETTING,
PULL #2	247	246	276	283	NO AVG. OF 5
PULL #3	252	239	268	267	READINGS ACCEPT-
PULL #4	248	265	284	283	ABLE LESS THAN 2#
PULL #5	243	279	258	279	
TOTAL	1244	1270	1351	1393	
AVG.	2.488	2.54	2.702	2.786	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	327	329		
PULL #2	332	359		
PULL #3	336	349		
PULL #4	332	344		
PULL #5	354	335		
TOTAL	1681	1716		
AVG.	3.362	3.432		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	429	412		387
PULL #2	454	424		383
PULL #3	436	438		403
PULL #4	446	457		390
PULL #5	426	443		394
TOTAL	2191	2174		1954
AVG.	4.382	4.348		3.914

RECEIVING AND ESTIMATING REPORT

COMMENTS: Called 10/02/96
M-24 SNIPER W/DEPLOYMENT KIT
W/ULTRA 10X-M3A SCOPE

ORDER: R 96-16578

INITIAL	CUSTOMER ORDER NO.
FPS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/16/96	07/16/96		C6225167		700 7.62 NATO

ACCESSORIES: W/STUDS HARD CASE SCOPE MNTS SCOPE BASE

Scope S/N 89 1170

FROM:

W36RDW

TRANSPORTATION OFFICER
ROCK ISLAND ARSENAL
BLDG 299 (SIORI-IST
ROCK ISLAND IL 61299

SHIP TO:

TRANSPORTATION OFFICER
ROCK ISLAND ARSENAL
BLDG 299 (SIORI-IST
ROCK ISLAND IL
61299

CUST NO: 145587 CJD.DL

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE	PROM. DATE	ESTIMATED	VIA
		☐			UPS

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

P.R. 4th Bn
325
HHC COHORT BLDG J 3095

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			

FT BR

8307-500

MAIN FAULT

W55H0961801H353

PARTS

Barrel 96003
Stock 96018
Scope Dust Cover Front
" " " Rear 96043
96044

COMMENTS

Refinish Coat Trigger Guard Assy, Front & Rear Sight Base's

Re Zinc Scope Base, Rings & Swivel Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	9/9/96	✓	✓	✓	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
RW	9/9/96	9/24/96	9/27/96	9/27/96	

OFFICE COPY

RD6925 REV. 1/94


WARNING: Unauthorized persons removing, defacing, or destroying this tag may be subject to a fine of not more than $1,000 or imprisonment for not more than one year or both. (18 USC 1361)
FSN, PART NO. AND ITEM DESCRIPTION
1005-01-240-2136
H
UNSERVICEABLE (REPARABLE) TAG - MATERIEL
INSPECTION ACTIVITY
CONDITION CODE H
REASON FOR REPARABLE CONDITION
THREAD EROSION
SERIAL NO./LOT NO.
C 625167
UNIT OF ISSUE EA
REMOVED FROM
CONTRACT OR PURCHASE ORDER NO.
QUANTITY 1
INSPECTOR'S NAME OR STAMP AND DATE
1 FEB 96
REMARKS
Depot Maintenance Required
7
NBC

DATE: 01-FEB-96 MAINTENANCE REQUEST DA FORM 5990-E

62613

CUSTOMER DATA

UIC: WH9ZAA 4/325TH A.I.P PHONE: (910)432-4334
UTIL CODE: 0

ACTIVITY DATA

SUP WON: B CO 407TH FSB PHONE: 396-7123
SUP UIC: WH3EB0 SHOP SEC:

EQUIPMENT DATA

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24

NOUN: SNIPER SYSTEM SER NUM: C 6225167 QTY: 00001

ORG WON: H9ZAA1607612 PRIORITY: 02 FAILURE DETECTED: D

MI/KM: ------ HOURS: ------ ROUNDS:

IN WARRANTY: LEVEL OF WORK: F ADMIN NUM:

DEFICIENCY: THROAT EROSION

PD AUTHENTICATING SIGNATURE

SIGNATURE DATA

SUBMITTED BY: ORD DATE: MIL TIME:

ACCEPTED BY: STATUS: A ORD DATE: 60032 MIL TIME:

ACTION DATA

WORK STARTED BY: STATUS: ORD DATE: MIL TIME:

INSPECTED BY: STATUS: K ORD DATE: 6032 MIL TIME:

PICKED UP BY: STATUS: U ORD DATE: MIL TIME:

COMPLETION DATA

QTY RPR: QTY CONDEMNED: NRTS:

EVAC WON: EVAC UNIT NAME:

NRTS 7

Depot Maintenance Required

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

PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
1	1	

SECTION I - CUSTOMER DATA

1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO
WH9ZTD	HHC 4/325	2-5059

2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO

4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME

SECTION III - EQUIPMENT DATA

5. TYPE MNT REQ CODE	6. ID	7. NSN
		1,0,0,5,0,1,2,4,0,2,1,3,6

8. MODEL	M24
9. NOUN	Sniper System
10a. ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
C,6,2,2,5,1,6,7	01	02

15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751:

15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751:

16. MILES/KILOMETERS/HOURS/ROUNDS: M | K | H | R

17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
		Y	

14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use):

21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N):

22. LEVEL OF WORK:

23. SIGNATURE: [signature]

24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES ON EQUIPMENT TM (Do not prescribe repairs):

UNDER WARRANTY/

25. REMARKS: throat erosion

SEND BACK TO MFG

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
Block 1b. Enter name of submitting organization.
Block 1c. Enter number to be called when maint. is completed.
Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
Block 7. Enter the NSN or stock number of the item being submitted.
Block 8. Enter model of item being submitted.
Block 9. Enter noun/nomenclature of item being submitted.
Block 10a. Enter Work Order Number (*WON)/DOC NO* assigned when item is submitted. Otherwise, leave blank.
Block 10b. Enter End Item Code. See AMDF.
Block 11. Enter serial number of item being submitted.

SECTION III (*Cont'd*)

Block 12. Enter the quantity of items being submitted.
Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
Block 14. For DSU, GSU/AVIM, DEPOT use.
Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
Block 17. Enter the project code if one has been assigned. If not, leave blank.
Block 18. See DA Pamphlets 738-750 and 738-751.
Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
Block 21. For DSU/GSU/AVIM/Depot use.
Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
Block 25. Self-explanatory.

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE
[signature]	[signature]	

34b. DATE	35b. STATUS	35d. TIME
96032	A	0803Z

Block 34a. Enter first initial and last name of submitter.
Block 34b. Enter ordinal date submitted (*YYDDD*).
Block 35a. Enter first initial and last name of person accepting maint. request.
Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.
Block 35c. Enter ordinal date accepted (*YYDDD*).
Block 35d. Enter military time.

DA FORM 2407, JUL 94 PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE — RECEIPT COPY 1

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
HHC 4/325 A.I.R.	M24 Sniper System

3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C 6225167						

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
5-1005-306-10	June 89		

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 materiel 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	X	throat erosion.		

DA FORM 1 APR 79 2404 Replaces edition of 1 Jan 64, which will be used

TM ITEM NO. *a*	STATUS *b*	DEFICIENCIES AND SHORTCOMINGS *c*	CORRECTIVE ACTION *d*	INITIAL WHEN CORRECTED *e*

*U.S. Government Printing Office: 1994 — 381-865

21 DAY TURN - AROUND

Barrel & Stock

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO. **SERIAL NO.** C6225167

			DATE	INIT.
LOG IN DATE: / /				
INSPECT & VERIFY:				
OP. #		**OP. NAME**		
550		DIS-ASSEMBLE GUN		
560	A	RE-BARREL AT CUSTOM SHOP		
	B	DRILL & TAP		
	C	POLISH		
575		ASSEMBLE		
600		PROOF	9/9/96	RW
605		CHECK HEADSPACE	9/9/96	RW
610		DIS-ASSEMBLE		
612		MAGNAFLUX		
615		ROLLMARK CALIBER		
618		ROTO-BLAST		
620		APPLY COATINGS		
625	A	FINAL ASSEMBLY	9/24/96	RW
	B	TRIGGER PULL TEST		
	C	SAFETY ON FORCE		
	D	SAFETY OFF FORCE		
	E	FIRING PIN INDENT		
640		TARGET	9/27/96	RA
655		FINAL INSPECT	10/1/96	RW
660		PACK		
		QAR INSPECTION	SHIP DATE	

SWS/Repair

Final Inspection

Sn: C6225/67 | Date Rec'd: 7/16/96 | Date Ret'd:

Auditor: RW

Item:

Barrel Assy.

- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Item:

Stock Assy.

- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Scope Assy.

- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Systems Case

- ✓ Scope Case
- ___ Iron Sights
- ___ Deployment Kit

Trigger

- ✓ Safety Operation
- ✓ Set
- ___

Misc.

- ___ DD-250
- ___ Bar Code
- ___ Packaging

Comments: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225167
4 Jan 1900

CENTROIDAL DISTANCES

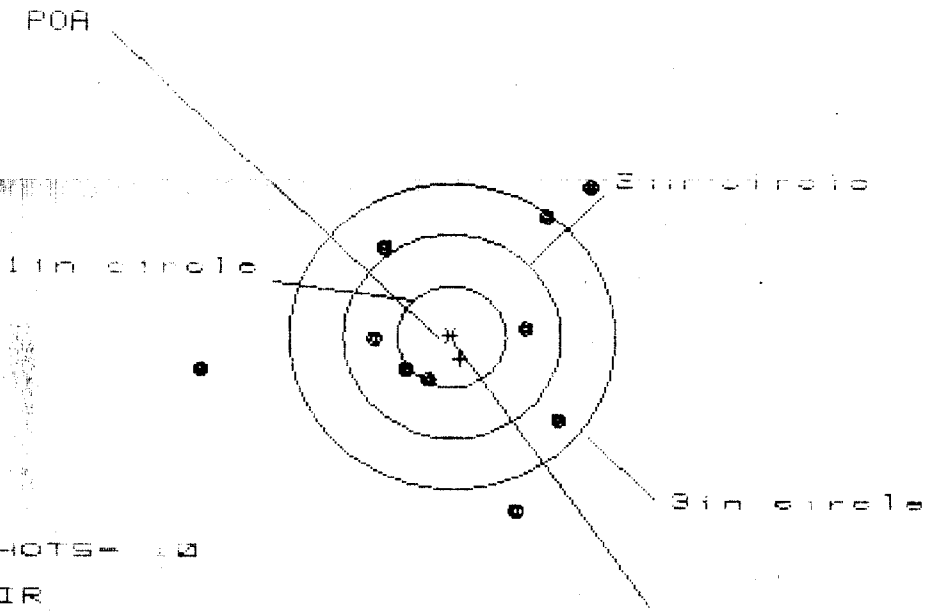
0	TO	1	.231534
1	TO	2	.163083
1	TO	3	.331187
1	TO	4	.150801
1	TO	5	.229401

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0456
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0622
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0771246

THE AMR FOR THIS RIFLE IS: .9136

4 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C8225167

CENTERFIRE PATTERNS # 1



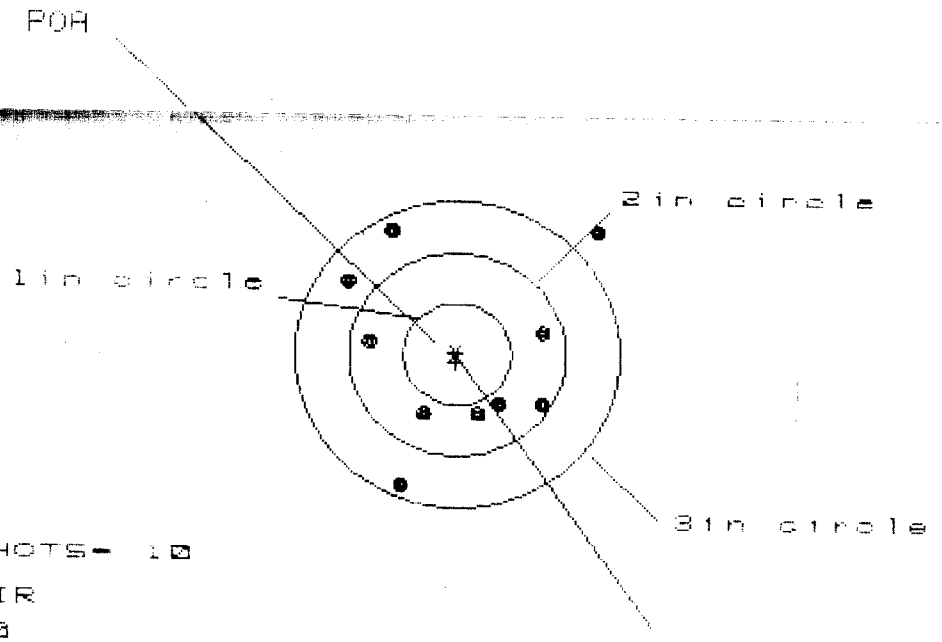
# OF SHOTS= 10
# IN CIR
1in = 1
2in = 4
3in = 6
HS= 3.605
VS= 3.247
GS= 4.053

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.320	1.066	.858
MINIMUM X	:	-2.285	-1.021	-.887
MAXIMUM Y	:	1.512	1.474	1.349
MINIMUM Y	:	-1.735	-1.773	-1.588
CENTROID X	:	-.078	.176	.042
CENTROID Y	:	.218	.256	.072
POA TO CENTROID in.	:	.231	.310	.083
MIN RADIUS	:	.488	.376	.457
MEAN RADIUS	:	1.248	1.134	1.014
MAX RADIUS	:	2.310	1.819	1.650
HORIZONTAL SPREAD	:	3.605	2.087	1.745
VERTICAL SPREAD	:	3.247	3.247	2.937
EXTREME SPREAD	:	4.053	3.334	2.956

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 4
NUMBER IN THREE INCH CIRCLE = 6

4 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225167

CENTERFIRE PATTERNS # 2

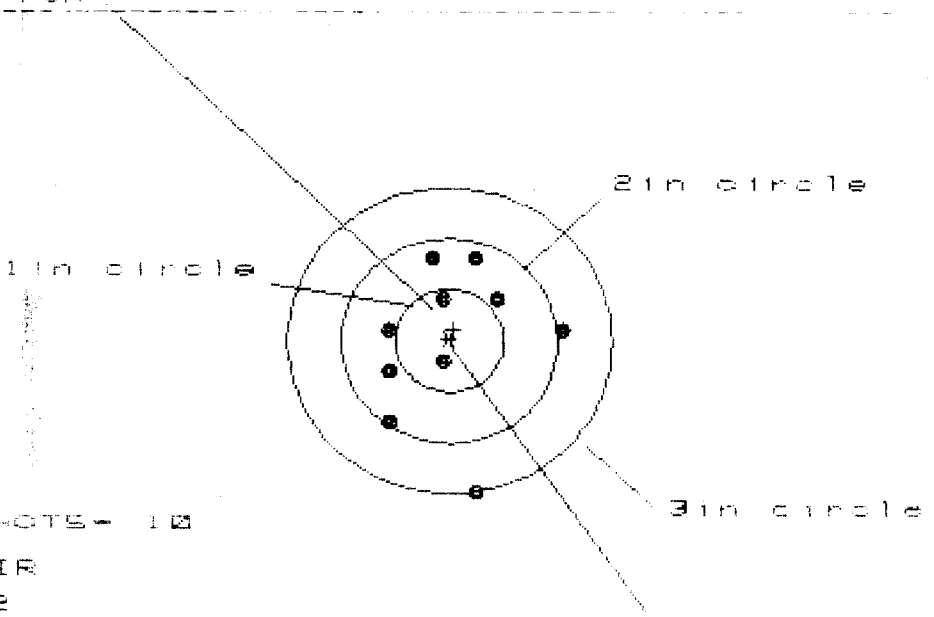


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 6
3in = 9
HS= 2.343
VS= 2.459
GS= 3.043

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.296	.922	.876
MINIMUM X	:	-1.053	-.909	-.955
MAXIMUM Y	:	1.189	1.320	1.177
MINIMUM Y	:	-1.270	-1.139	-.609
CENTROID X	:	.012	-.132	-.086
CENTROID Y	:	.082	-.049	.094
POA TO CENTROID in.	:	.083	.141	.127
MIN RADIUS	:	.603	.481	.630
MEAN RADIUS	:	1.017	.909	.884
MAX RADIUS	:	1.751	1.407	1.292
HORIZONTAL SPREAD	:	2.349	1.831	1.831
VERTICAL SPREAD	:	2.459	2.459	1.786
EXTREME SPREAD	:	3.043	2.462	2.171
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

4 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225167

CENTERFIRE PATTERNS # 3



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 8
3in = 10
HS= 1.593
VS= 2.277
GS= 2.300

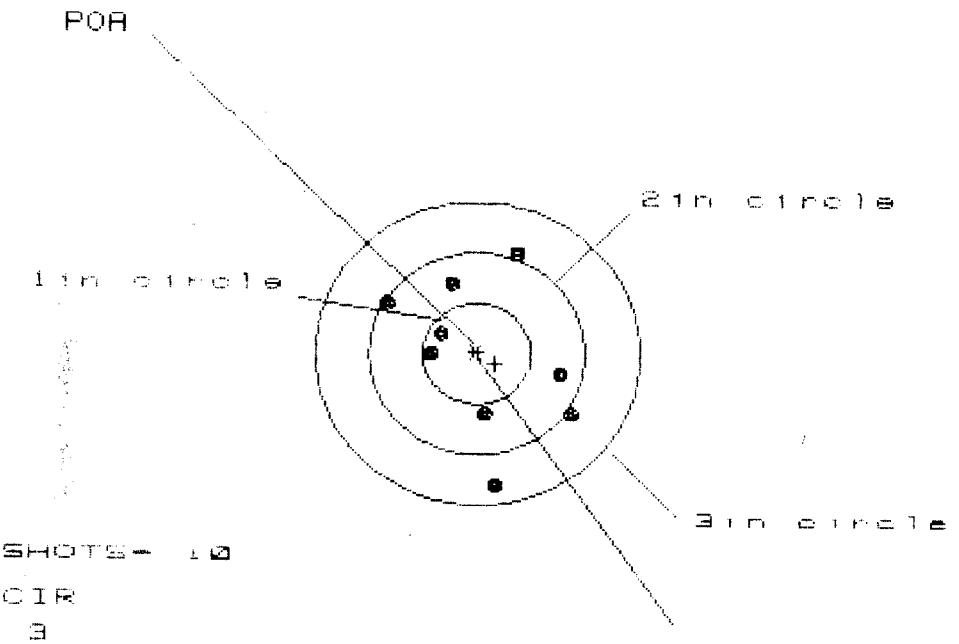
PATTERN # : 3

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.045	1.068	.629
MINIMUM X :	-.548	-.525	-.392
MAXIMUM Y :	.811	.649	.639
MINIMUM Y :	-1.466	-.943	-.953
CENTROID X :	-.040	-.063	-.196
CENTROID Y :	-.111	.051	.061
POA TO CENTROID in.:	.118	.081	.205
MIN RADIUS :	.174	.296	.290
MEAN RADIUS :	.753	.649	.580
MAX RADIUS :	1.480	1.080	1.031
HORIZONTAL SPREAD :	1.593	1.593	1.021
VERTICAL SPREAD :	2.277	1.592	1.592
EXTREME SPREAD :	2.300	1.812	1.785

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 8
NUMBER IN THREE INCH CIRCLE = 10

4 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6225167

CENTERFIRE PATTERNS # 4

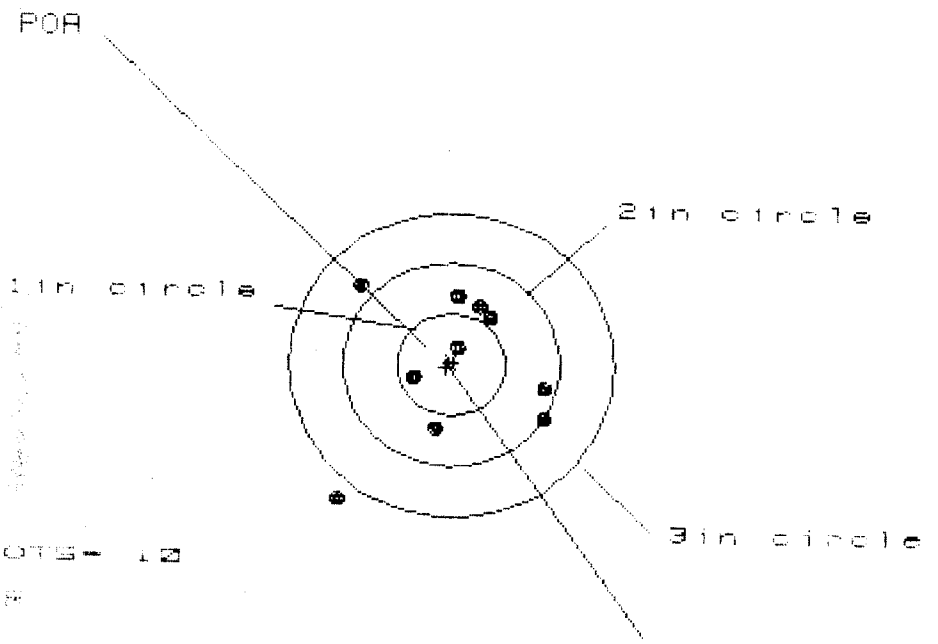


# OF SHOTS= 10
# IN CIR
1in = 3
2in = 7
3in = 10
HS= 1.692
VS= 2.287
GS= 2.290

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.862	.884	.927
MINIMUM X	:	-.830	-.808	-.765
MAXIMUM Y	:	.988	.844	.675
MINIMUM Y	:	-1.298	-.720	-.622
CENTROID X	:	-.168	-.190	-.233
CENTROID Y	:	.097	.241	.135
POA TO CENTROID in.	:	.193	.307	.270
MIN RADIUS	:	.390	.301	.315
MEAN RADIUS	:	.773	.690	.653
MAX RADIUS	:	1.315	1.138	1.111
HORIZONTAL SPREAD	:	1.692	1.692	1.692
VERTICAL SPREAD	:	2.287	1.572	1.297
EXTREME SPREAD	:	2.290	1.981	1.981
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

4 Jan 1900 FILE:/PATTERNING/CENTERFIRE PATT/C6225167

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
1in = 2
2in = 7
3in = 9
HS= 1.913
VS= 2.058
GS= 2.281

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.890	.776	.652
MINIMUM X	-1.023	-.991	-.571
MAXIMUM Y	.766	.622	.589
MINIMUM Y	-1.292	-.721	-.643
CENTROID X	.046	.160	.284
CENTROID Y	.025	.169	.091
POA TO CENTROID in.	.053	.232	.298
MIN RADIUS	.181	.095	.240
MEAN RADIUS	.777	.646	.595
MAX RADIUS	1.648	1.170	.871
HORIZONTAL SPREAD	1.913	1.767	1.223
VERTICAL SPREAD	2.058	1.343	1.232
EXTREME SPREAD	2.281	2.171	1.455
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	