0523516
MODEL 700 TM M24
Model SMS TM
Action
Barrel Length
Capacity
Order No. 576
*Includes 1 in chamber.
Remington

04/24/08 12:25:46

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: RE00144833
Verify Repair

Serial: C6523510 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 4/24/2008 10:56:43 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	B/210TH BSB		B/210TH BSB
Address 1:	2 BCT		2 BCT
Address 2:	10 TH MTN DIV	PO Box:	10 TH MTN DIV PO Box:
City:	FORT DRUM		FORT DRUM
State:	NY	Zip Code: 13602 Country: US	State: NY Zip Code: 13602 Country: US

FFL:

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

Contact Information

Phone: NN
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

naglelj 4/24/2008 12:25 PM NUM

Start | 4 Micros... | The Asso... | 2 Micros... | SAP Logo... | Arms Ser...

Serial Number: C6523510
Model: M24 SWS
RE00144833

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523510.__0
FILE DATE AND TIME: 05/20/2008 22:24

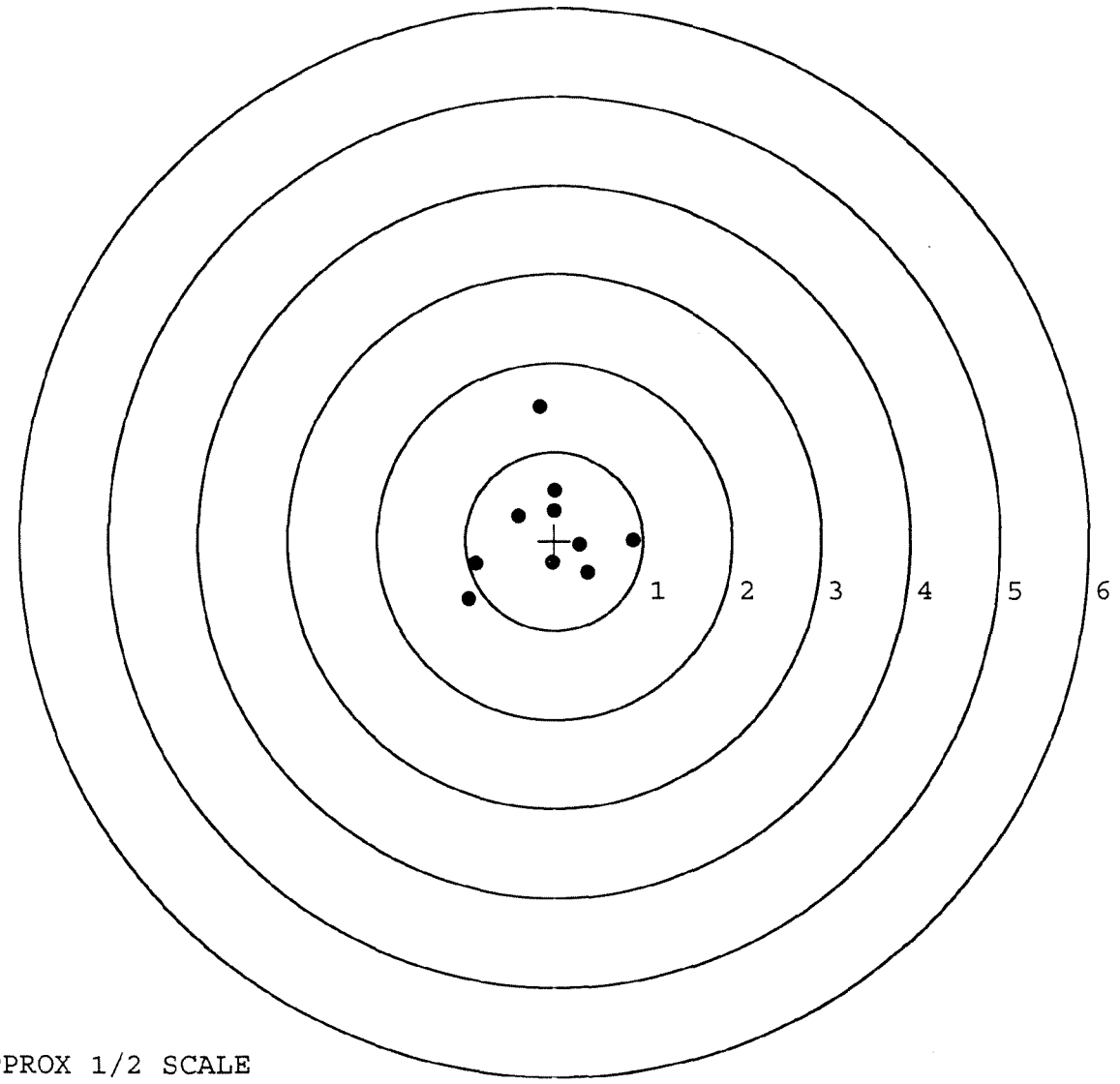
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.120
The Average Y Centroid of the Five Target Set:	0.001
The Average Point of Impact of the Five Target Set:	0.120
The Average Mean Radius of the Five Target Set:	0.685
The Distance from POA to Centroid Target #1:	0.142
The Distance from Centroid Target #2 to Centroid Target #1:	0.042
The Distance from Centroid Target #3 to Centroid Target #1:	0.032
The Distance from Centroid Target #4 to Centroid Target #1:	0.150
The Distance from Centroid Target #5 to Centroid Target #1:	0.368

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 1
FILE DATE: 05/20/2008
FILE TIME: 22:24

X CENTROID:	-0.090
Y CENTROID:	0.111
POA TO CENTROID:	0.142
HORZ SPREAD:	1.857
VERT SPREAD:	2.168
GROUP SPREAD:	2.311
MIN RADIUS:	0.239
MAX RADIUS:	1.395
MEAN RADIUS:	0.693
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.167	1.503
2:	-0.002	0.566
3:	-0.010	0.336
4:	-0.407	0.275
5:	-0.025	-0.247
6:	0.292	-0.049
7:	0.379	-0.355
8:	-0.881	-0.266
9:	-0.966	-0.665
10:	0.891	0.007

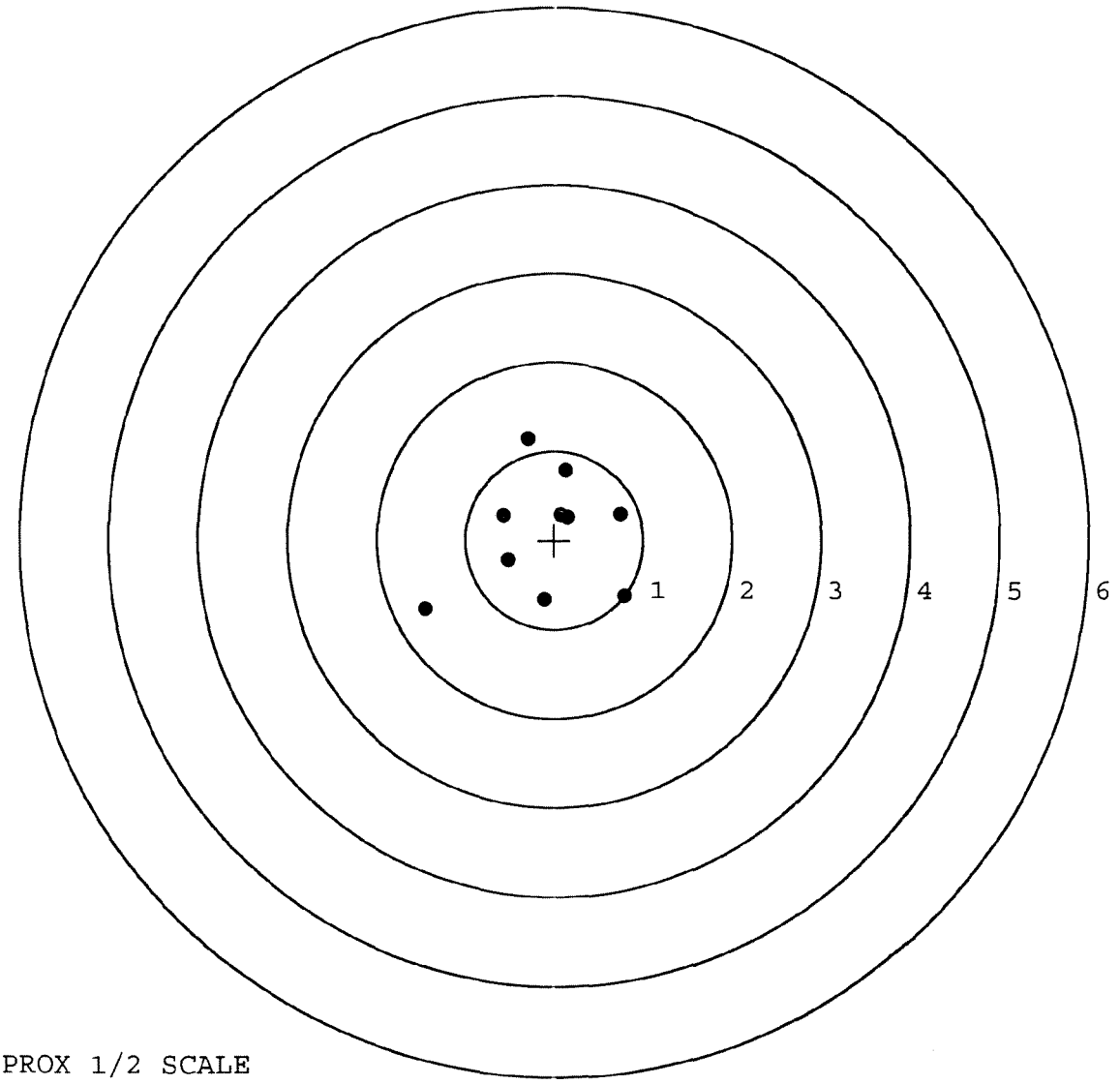


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 2
FILE DATE: 05/20/2008
FILE TIME: 22:24

X CENTROID:	-0.107
Y CENTROID:	0.073
POA TO CENTROID:	0.129
HORZ SPREAD:	2.241
VERT SPREAD:	1.917
GROUP SPREAD:	2.449
MIN RADIUS:	0.275
MAX RADIUS:	1.595
MEAN RADIUS:	0.779
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.295	1.135
2:	0.133	0.786
3:	0.152	0.254
4:	0.746	0.294
5:	0.070	0.283
6:	-0.574	0.277
7:	-0.517	-0.226
8:	-0.120	-0.670
9:	0.787	-0.625
10:	-1.454	-0.782

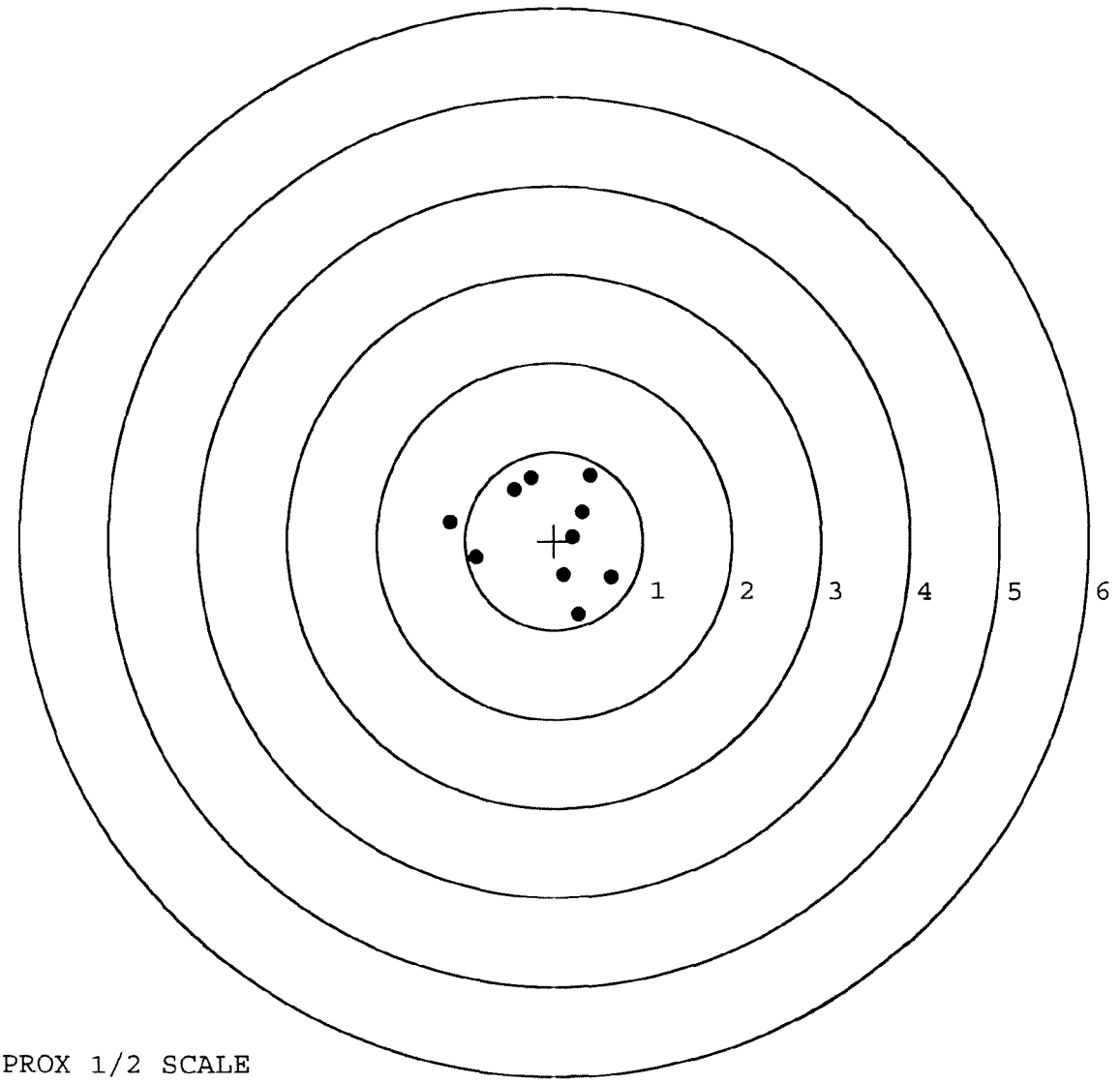


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 3
FILE DATE: 05/20/2008
FILE TIME: 22:24

X CENTROID:	-0.081
Y CENTROID:	0.079
POA TO CENTROID:	0.113
HORZ SPREAD:	1.817
VERT SPREAD:	1.573
GROUP SPREAD:	1.915
MIN RADIUS:	0.294
MAX RADIUS:	1.102
MEAN RADIUS:	0.715
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.265	0.707
2:	-0.451	0.575
3:	0.410	0.746
4:	0.316	0.320
5:	0.211	0.045
6:	0.108	-0.385
7:	0.641	-0.401
8:	0.278	-0.827
9:	-0.878	-0.190
10:	-1.176	0.204

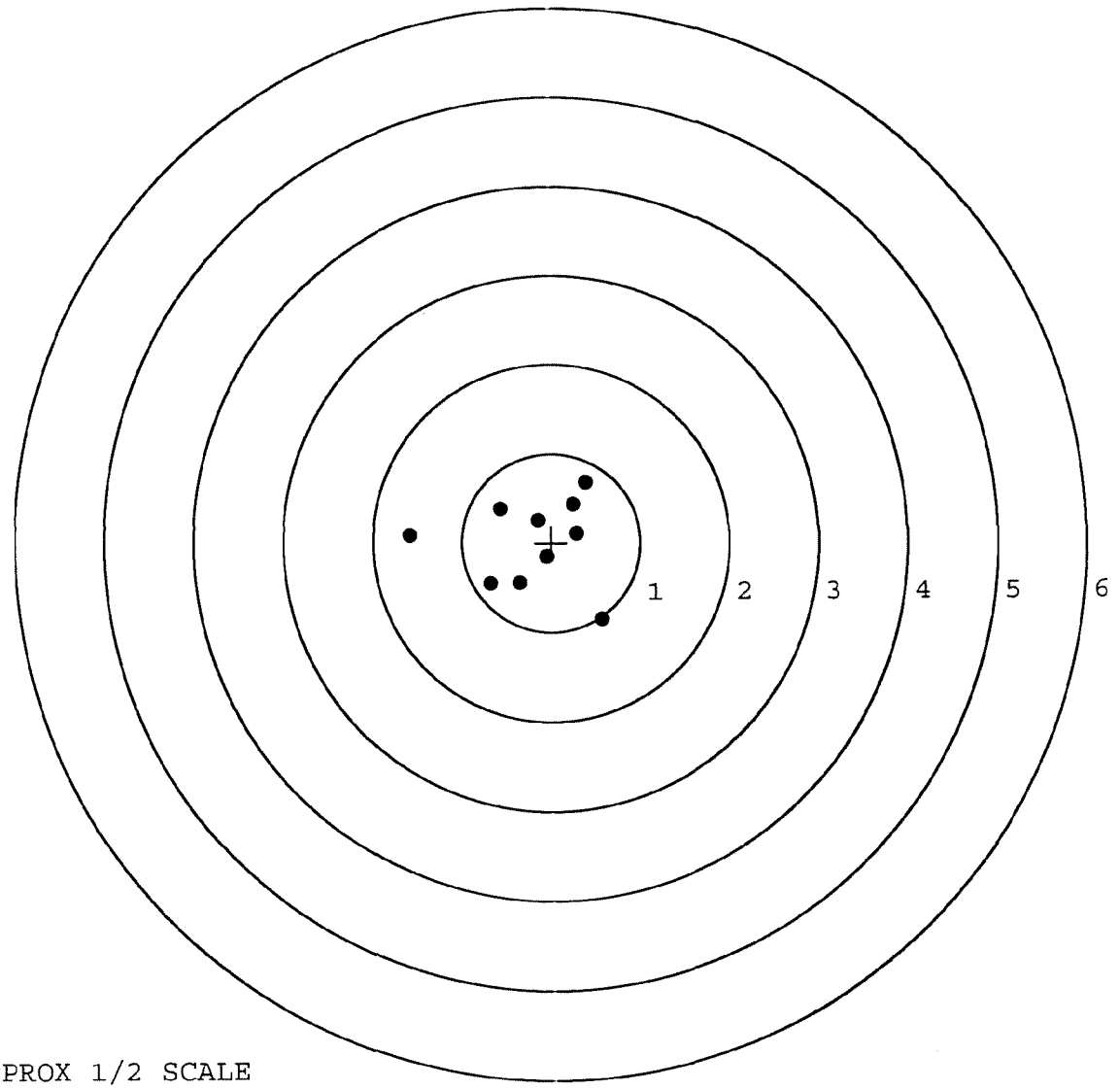


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 4
FILE DATE: 05/20/2008
FILE TIME: 22:24

X CENTROID:	-0.188
Y CENTROID:	-0.003
POA TO CENTROID:	0.188
HORZ SPREAD:	2.161
VERT SPREAD:	1.538
GROUP SPREAD:	2.360
MIN RADIUS:	0.207
MAX RADIUS:	1.404
MEAN RADIUS:	0.671
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.394	0.675
2:	0.257	0.429
3:	0.291	0.105
4:	-0.145	0.247
5:	-0.055	-0.161
6:	-0.359	-0.455
7:	-0.681	-0.466
8:	-0.566	0.377
9:	-1.590	0.085
10:	0.571	-0.863

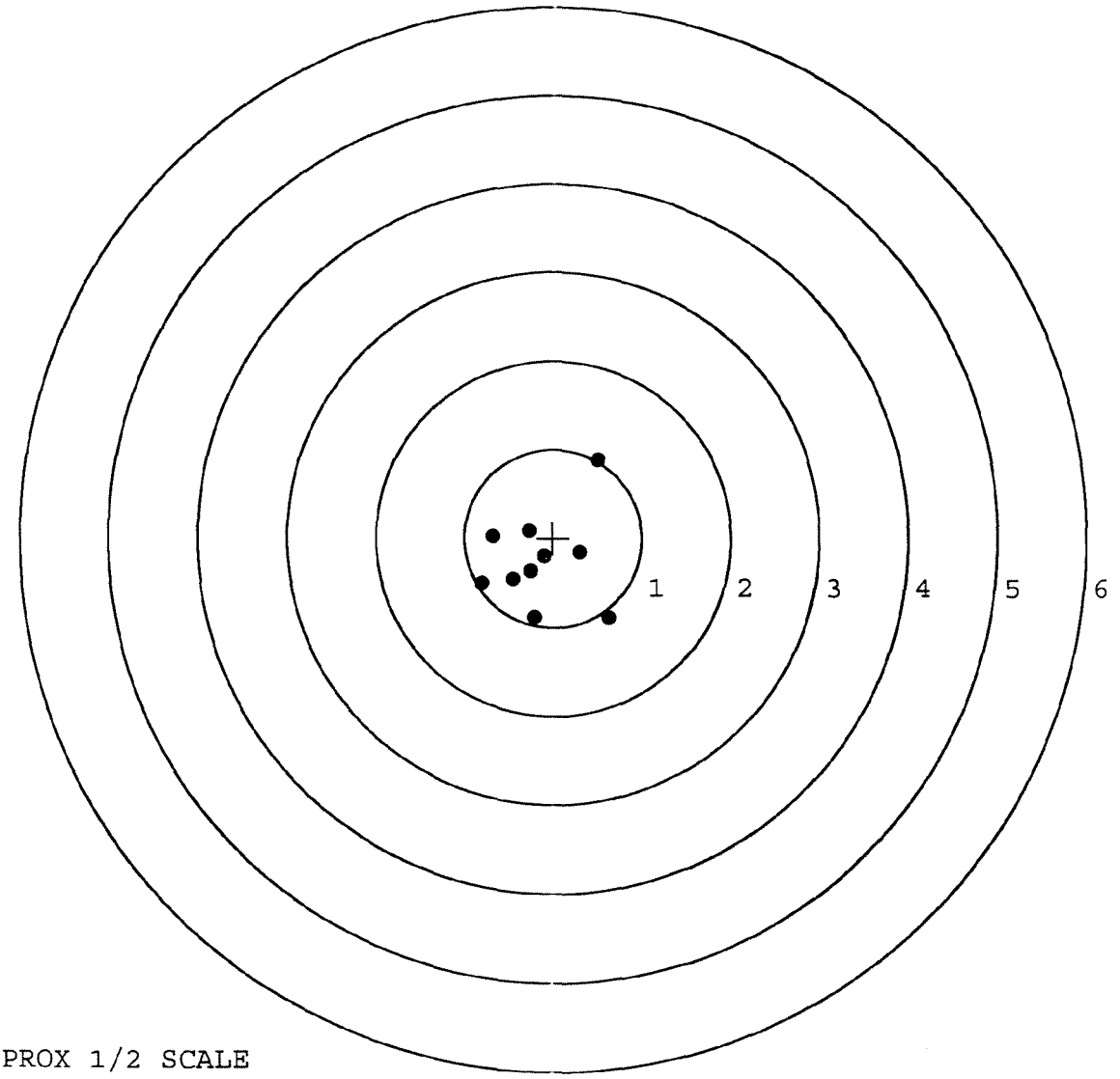


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 5
FILE DATE: 05/20/2008
FILE TIME: 22:24

X CENTROID:	-0.133
Y CENTROID:	-0.255
POA TO CENTROID:	0.287
HORZ SPREAD:	1.432
VERT SPREAD:	1.777
GROUP SPREAD:	1.915
MIN RADIUS:	0.054
MAX RADIUS:	1.301
MEAN RADIUS:	0.569
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.502	0.881
2:	0.304	-0.162
3:	-0.272	0.084
4:	-0.674	0.018
5:	-0.102	-0.210
6:	-0.255	-0.379
7:	-0.454	-0.470
8:	-0.801	-0.516
9:	-0.213	-0.895
10:	0.631	-0.896



TARGET APPROX 1/2 SCALE

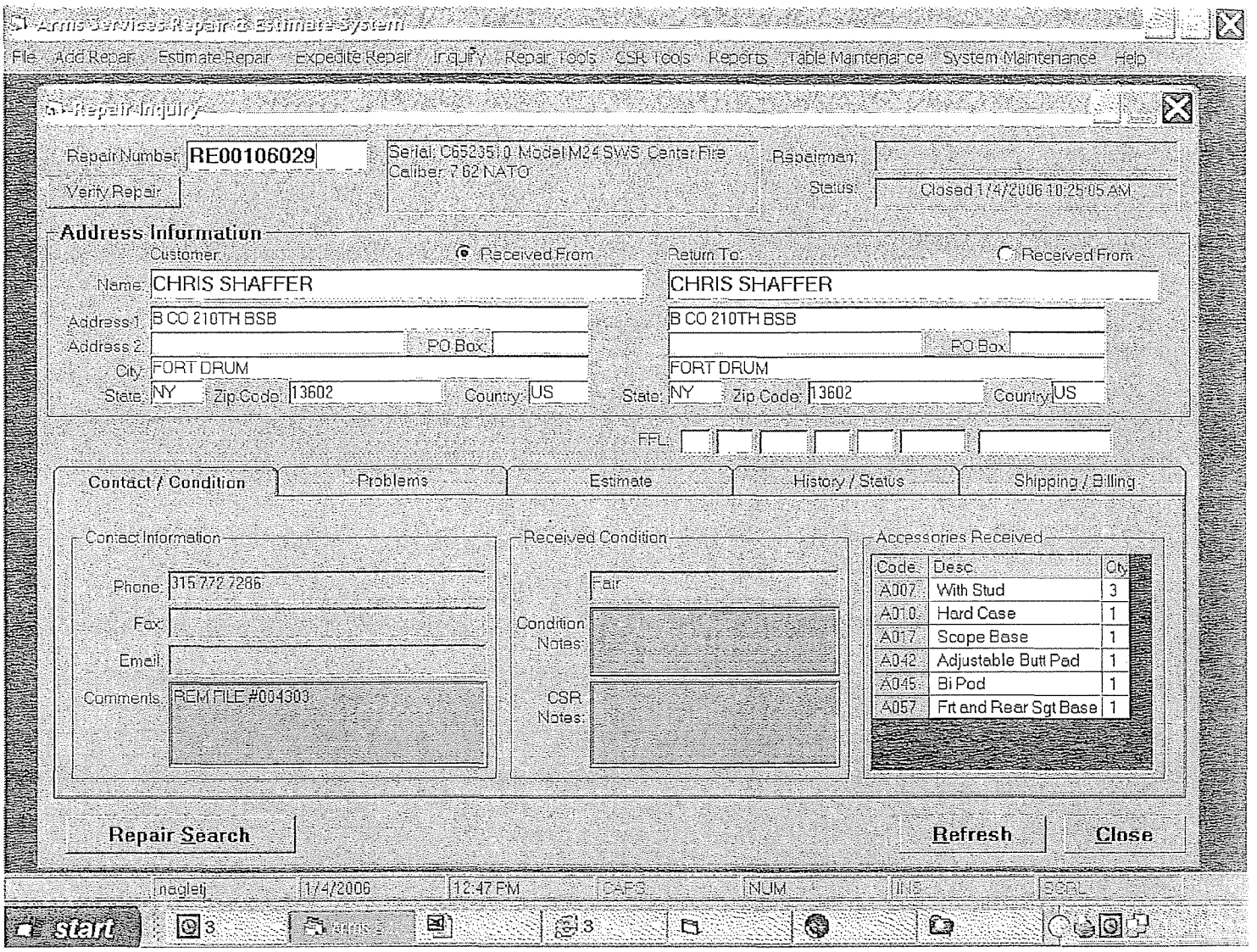
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 00144833

SERIAL NUMBER C6523510

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-2-08	L.P.D.
505	RE-BARREL		5-6-08	RTC
560	ASSEMBLE		5-6-08	RTC
600	PROOF	MAGNA - FLUX MAY 0 2 2008	5-7-08	TRW
605	CHECK HEADSPACE		5-7-08	TRW
610	DIS-ASSEMBLE GUN		5-7-08	RTC
612	MAGNAFLUX	OPERATOR [illegible]	5/9/08	[illegible]
510	DRILL AND TAP		5-7-08	TRW
615	ROLLMARK CALIBER		5-7-08	CW
618	ROTO-BLAST		5-9-08	DG
620	APPLY COATINGS		5/19/08	LM
625	FINAL ASSEMBLY		5-20-08	RTC
640	FUNCTION TEST AND [illegible]	(PASS) FAIL	5-21-08	TRW
650	TARGET	(PASS) FAIL	5-2008	SD
	MALFUNCTION JM	CORRECTION OK		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-20-08	RP
670	FINAL INSPECTION		5/23/08	FM
	A) HEADSPACE	(PASS) FAIL	5/23/08	FM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.37 2.19 2.32 2.21 2.22	5-22-08	TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6.75 6.25 6.5	5-22-08	TRW
	G) SAFETY OFF FORCE (2 LBS MIN)	2.0 2.0 2.25	5-22-08	TRW
	I) FIRING PIN INDENT (.020)	.021 .021 .021	5/23/08	FM
690	PACK		5/29/08	FM



Serial Number: C6523510

Model: M24 SWS

RE00106029

Box 2

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)

SECTION I - CUSTOMER DATA

1a. UIC CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO
WMLWTO	HHC 2-14 INF	

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
		1005-01-840-2136

8. MODEL M24

9. NOUN Sniper Weapons System

10a. ORG WON/DOC NO	10b. EIC

11. SERIAL NUMBER	12. QTY	13. PD
6553510	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

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:

24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs): Buttstock toe cracked. Bolt does not match receiver Ser#.

Rear Iron Sight bracket gouged & nicked. Telescope & Iron Sights

25. REMARKS:

26. TECHNICAL REFERENCES:

SECTION IV - TASK REQUIREMENTS DATA

27a. FILE INPUT ACT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP

SECTION V - PART REQUIREMENTS

28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST $

28m. TOTAL MANHOURS	28n. TOTAL MANHOURS COSTS $	28o. TOTAL PARTS COSTS $

SECTION VI - COMPLETION DATA

29. QTY RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME

SECTION VII - ACTION SIGNATURES

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE	36a. WORK STARTED BY	37a. INSPECTED BY	38a. PICKED UP BY

34b. DATE	35b. STATUS	35d. TIME	36b. STATUS	36c. DATE	36d. TIME	37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIME

DA FORM 2407, JUL 94

NMP COPY 2

7200

7201

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523510.__0
FILE DATE AND TIME: 01/16/2006 11:34

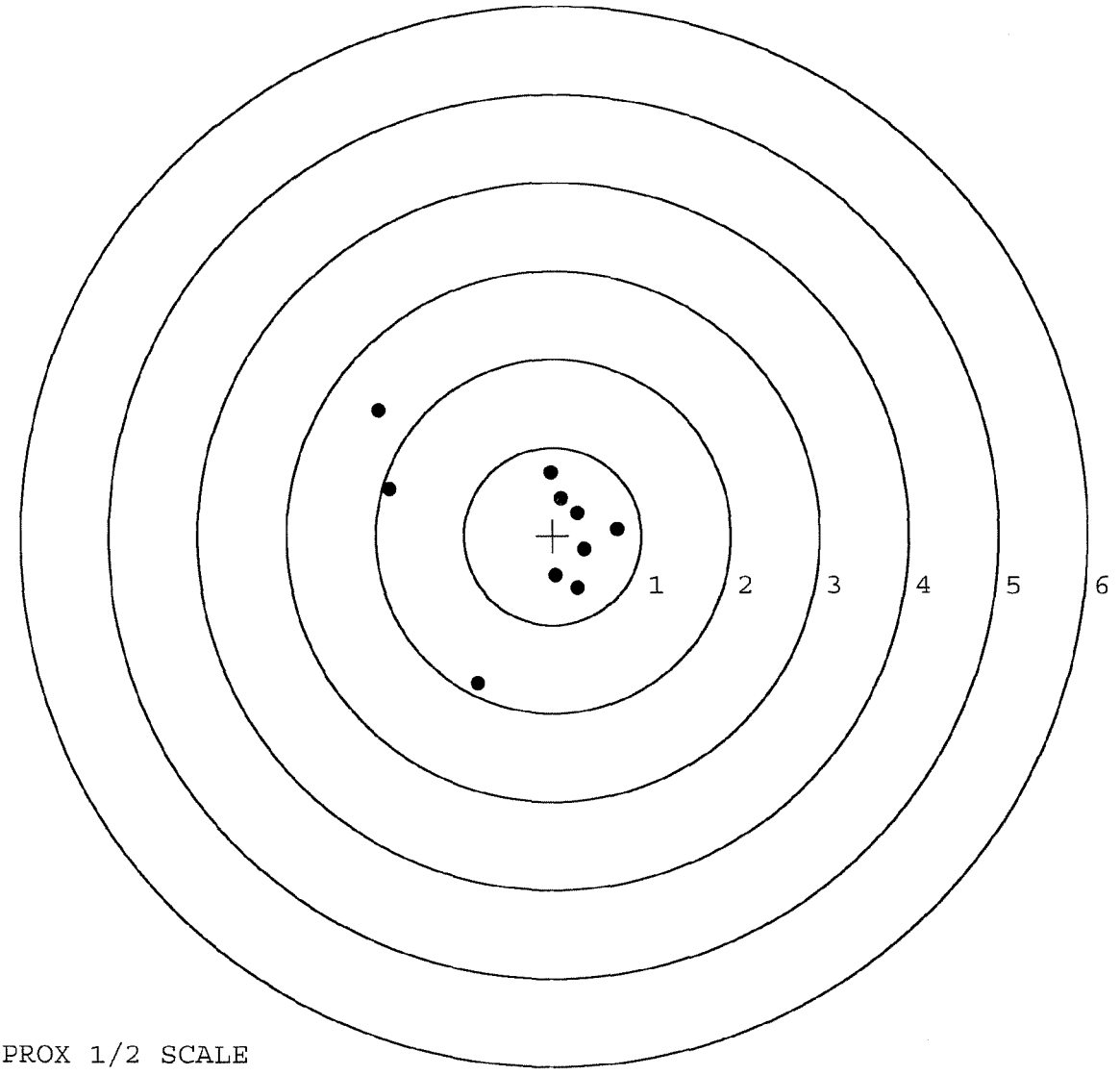
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.074
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.088
The Average Mean Radius of the Five Target Set:	0.738
The Distance from POA to Centroid Target #1:	0.299
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.320
The Distance from Centroid Target #4 to Centroid Target #1:	0.358
The Distance from Centroid Target #5 to Centroid Target #1:	0.337

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 1
FILE DATE: 01/16/2006
FILE TIME: 11:34

X CENTROID:	-0.294
Y CENTROID:	0.054
POA TO CENTROID:	0.299
HORZ SPREAD:	2.711
VERT SPREAD:	3.078
GROUP SPREAD:	3.283
MIN RADIUS:	0.531
MAX RADIUS:	2.164
MEAN RADIUS:	1.061
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	7

POINT#	X	Y
1:	-0.837	-1.667
2:	-1.848	0.519
3:	-1.980	1.411
4:	-0.032	0.718
5:	0.090	0.422
6:	0.276	0.256
7:	0.731	0.078
8:	0.354	-0.155
9:	0.282	-0.591
10:	0.027	-0.448

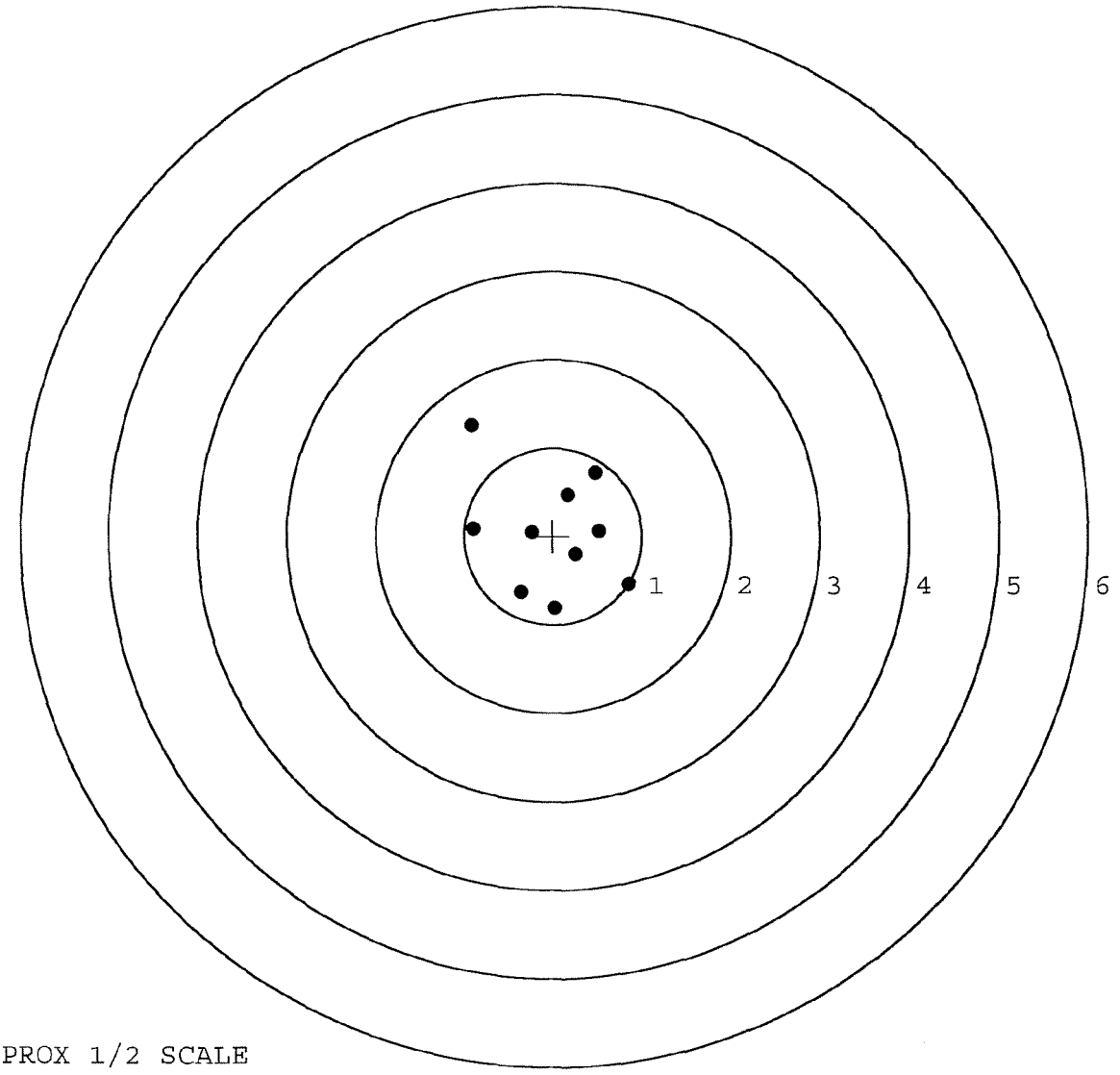


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 2
FILE DATE: 01/16/2006
FILE TIME: 11:34

X CENTROID:	-0.012
Y CENTROID:	0.043
POA TO CENTROID:	0.045
HORZ SPREAD:	1.783
VERT SPREAD:	2.066
GROUP SPREAD:	2.525
MIN RADIUS:	0.223
MAX RADIUS:	1.512
MEAN RADIUS:	0.749
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.859	-0.539
2:	0.521	0.065
3:	0.478	0.724
4:	0.163	0.467
5:	0.257	-0.205
6:	0.021	-0.817
7:	-0.359	-0.638
8:	-0.235	0.043
9:	-0.900	0.080
10:	-0.924	1.249

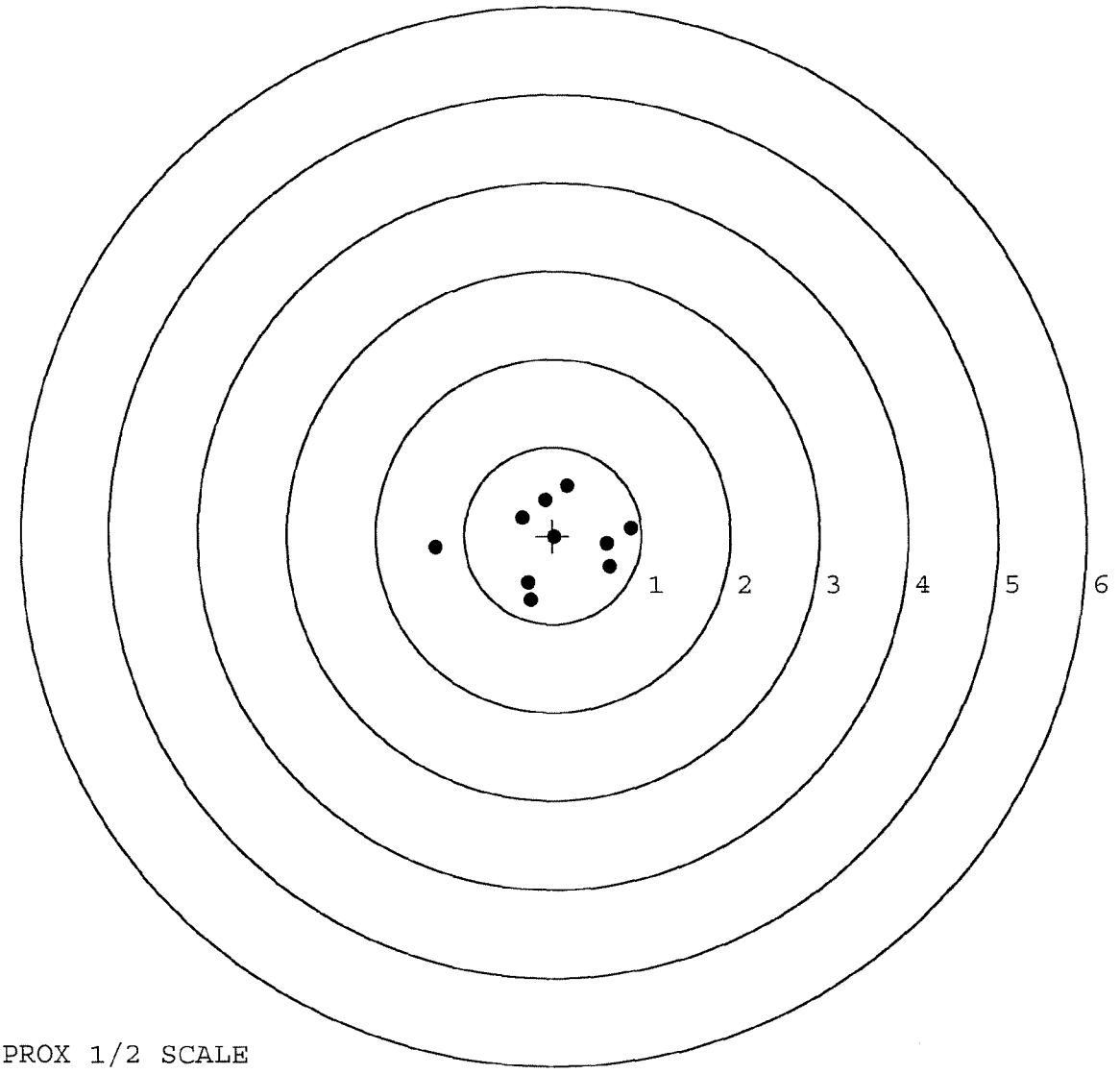


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 3
FILE DATE: 01/16/2006
FILE TIME: 11:34

X CENTROID:	0.004
Y CENTROID:	-0.063
POA TO CENTROID:	0.063
HORZ SPREAD:	2.210
VERT SPREAD:	1.301
GROUP SPREAD:	2.222
MIN RADIUS:	0.051
MAX RADIUS:	1.331
MEAN RADIUS:	0.642
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.250	-0.739
2:	-0.274	-0.536
3:	0.650	-0.351
4:	0.611	-0.093
5:	0.886	0.085
6:	0.166	0.562
7:	-0.093	0.403
8:	0.018	-0.014
9:	-0.349	0.195
10:	-1.324	-0.144

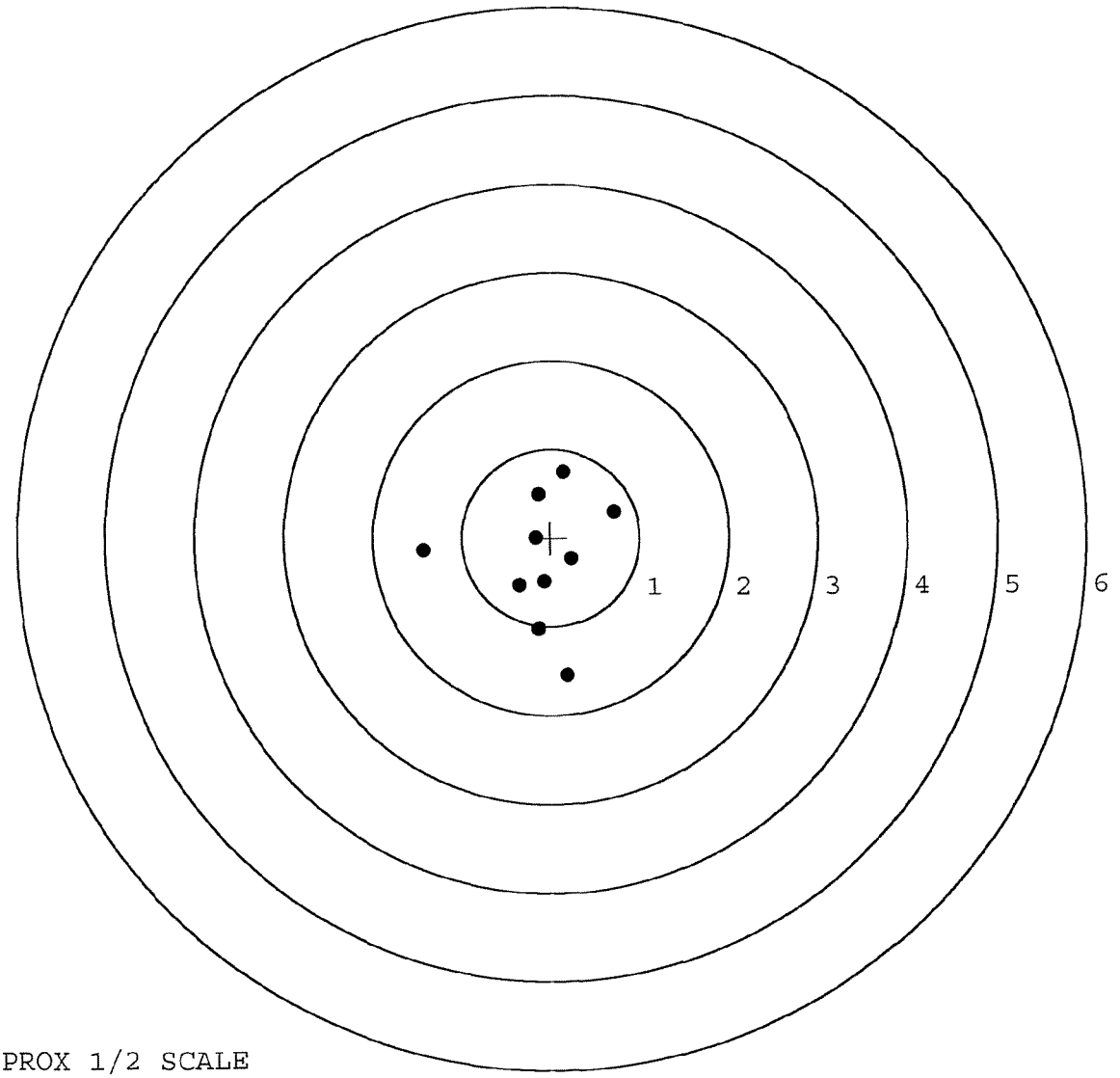


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 4
FILE DATE: 01/16/2006
FILE TIME: 11:34

X CENTROID:	-0.102
Y CENTROID:	-0.248
POA TO CENTROID:	0.268
HORZ SPREAD:	2.139
VERT SPREAD:	2.304
GROUP SPREAD:	2.305
MIN RADIUS:	0.251
MAX RADIUS:	1.344
MEAN RADIUS:	0.744
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.193	-1.559
2:	-0.136	-1.036
3:	-0.077	-0.498
4:	-0.354	-0.540
5:	0.239	-0.239
6:	-0.170	-0.001
7:	0.712	0.298
8:	0.142	0.745
9:	-0.141	0.492
10:	-1.427	-0.144

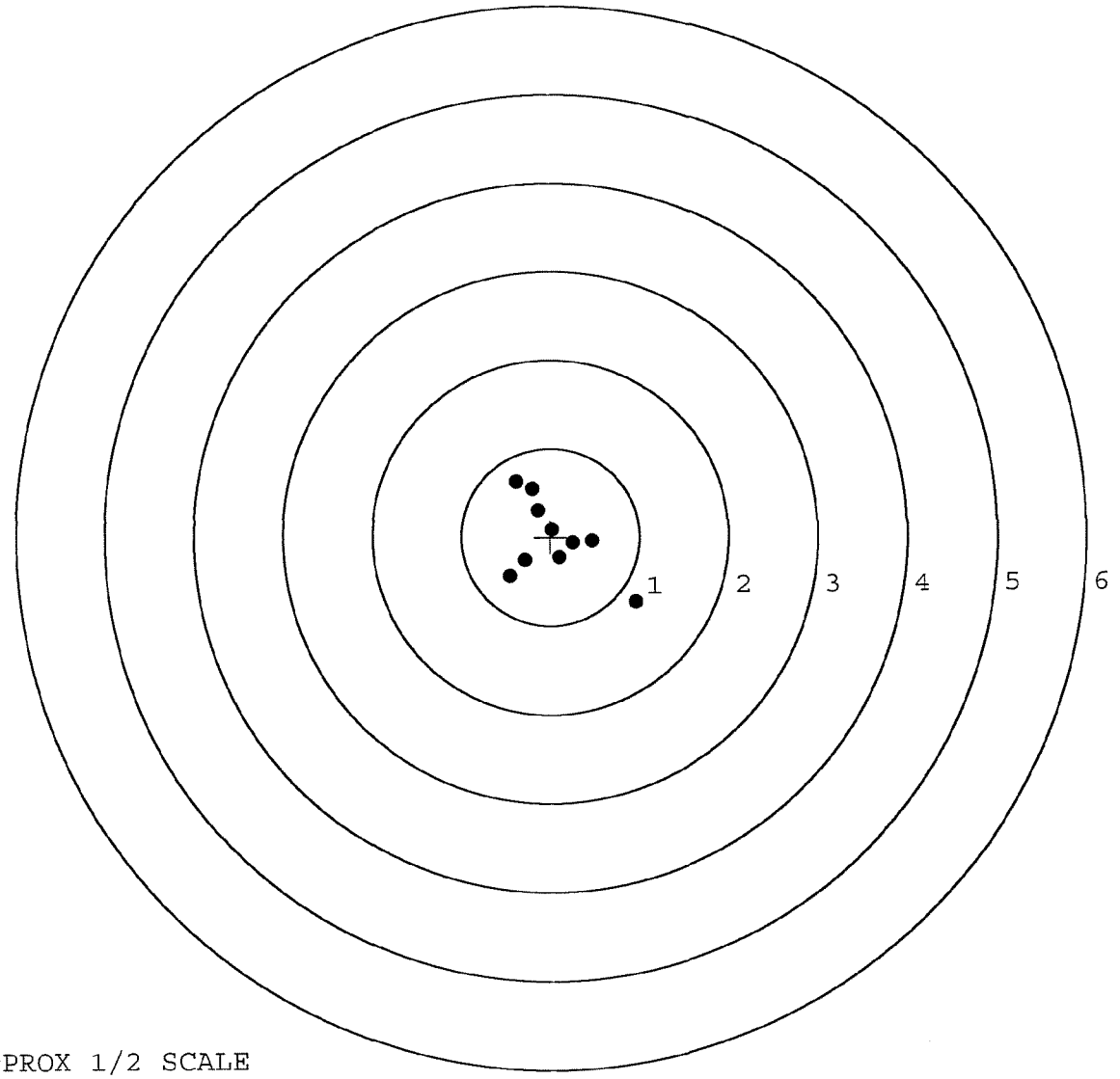


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523510.__0
TARGET NUMBER: 5
FILE DATE: 01/16/2006
FILE TIME: 11:34

X CENTROID:	0.034
Y CENTROID:	-0.026
POA TO CENTROID:	0.043
HORZ SPREAD:	1.411
VERT SPREAD:	1.365
GROUP SPREAD:	1.908
MIN RADIUS:	0.113
MAX RADIUS:	1.166
MEAN RADIUS:	0.496
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.955	-0.741
2:	0.467	-0.048
3:	0.254	-0.067
4:	0.102	-0.234
5:	-0.293	-0.267
6:	-0.456	-0.451
7:	0.016	0.086
8:	-0.135	0.297
9:	-0.195	0.541
10:	-0.378	0.624



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 12-30-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.16	2.47		2.42	
PULL #2	2.27	2.34		2.37	
PULL #3	2.20	2.30		2.42	
PULL #4	2.37	2.23		2.35	
PULL #5	2.45	2.30		2.37	
TOTAL	11.45	11.64		11.93	
AVERAGE	2.29	2.32		2.38	

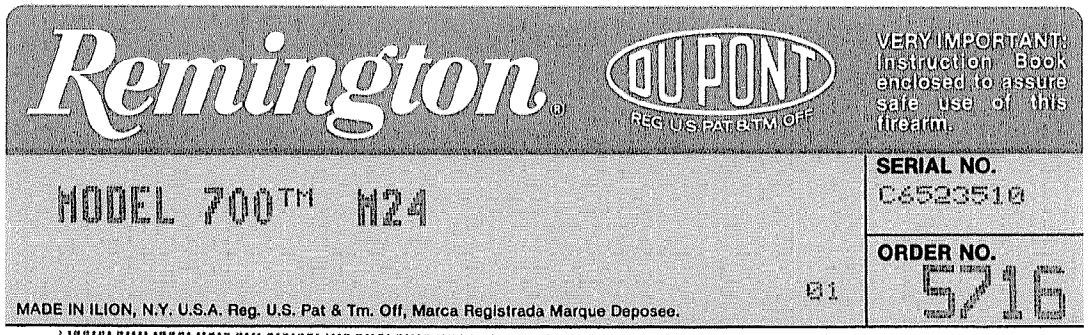
	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.57		
PULL #2	3.39	3.33		
PULL #3	3.05	3.29		
PULL #4	3.19	3.45		
PULL #5	3.39	3.42		
TOTAL	16.30	17.06		
AVERAGE	3.26	3.41		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.40	4.01		4.40
PULL #2	4.25	4.07		4.36
PULL #3	4.20	4.10		4.26
PULL #4	4.21	4.05		4.25
PULL #5	4.23	4.08		4.27
TOTAL	21.29	20.31		21.54
AVERAGE	4.25	4.06		4.30

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

R & E NUMBER	106029
SERIAL NUMBER	C1052351
LOG-IN DATE	1-4-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		1-6-05	RTL
505	RE-BARREL		1-6-06	RTL
560	ASSEMBLE		1-6-06	RTL
600	PROOF	MAGNA-FLUX INSPECTED JAN 10 2006	1-6-06	BG
605	CHECK HEADSPACE		1-6-06	AC
610	DIS-ASSEMBLE GUN		1-6-06	AC
612	MAGNAFLUX	OPERATOR [illegible]	1/10/06	[illegible]
510	DRILL AND TAP		1-10-06	TRW
615	ROLLMARK CALIBER		1-10-06	CW
618	ROTO-BLAST		1-10-06	LB
620	APPLY COATINGS		1/11	HP
625	FINAL ASSEMBLY		1-13-06	BG
640	FUNCTION TEST AND	(PASS) FAIL	1-16-06	TRW
650	TARGET	(PASS) FAIL		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-16-06	TRW
670	FINAL INSPECTION		1-23-06	AC
	A) HEADSPACE	(PASS) FAIL	1-23-06	AC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.19 2.18 2.19 2.26 2.20		
680	F) SAFETY ON FORCE (2 LBS MIN 10 LBS)	4 lbs 4 lbs 4 lbs		
	G) SAFETY OFF FORCE (2 LBS MIN)	2 lbs 2 lbs 2 lbs		
	I) FIRING PIN INDENT .020	____ ____ ____		
690	PACK		12406	DA



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523510

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/1/90	
600	Proof		10/1/90	
607	Check Headspace		10/1/90	
610	Dis-assemble Gun		10/1/90	
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	
617	Drill and Tap Sight Holes		10/4/90	
618	Polish Barrel RJB		10/5/90	
620	Apply Coatings (Barrel Action)		10-20-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/20/90	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/20/90	
	C) Inspect Ejector Hole for Chamfer		10/20/90	
	D) Oil Firing Pin Ass'y		10/20/90	
	E) Adjust Trigger Pull to Min Setting and Stake		10/23/90	

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5 lbs	5 lbs	5 lbs	10/25/90	WB
	G) Safety Off Force	2 lbs	2 lbs	2 lbs	10/25/90	WB
	H) Trigger Pull Test & Retainability				10/23/90	
	I) Firing Pin Indent	.0215	.0215	.0215	10/25/90	WB
	J) Assemble Stock				10/25/90	
	K) Assemble Swivel Studs				3/18/91	
	L) Attach Front and Rear Sight Assemblies				10/25/90	
	M) Iron Sight Alignment				10/25/90	
	N) Detach Front & Rear Sights & place in numbered container				10/25/90	
	O) Attach Scope to Rifle				10/25/90	
	P) Detach & Attach Scope 20 Times				10/25/90	
640	Gallery Target & Test				10/26/90	
	A) Time				"	
	B) Malfunctions				"	
	C) Pierced Primers				"	
	D) Optical Clearity of Scope				"	
645	Inspect for Live Ammo				10/26/90	
655	Final Inspection A) Headspace				3/6/91	
	B) Trigger Pull	2.13	2.09	2.09	3/6/91	
	C) Function				3/6/91	
660	Pack				12/14/90	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523510

DATE 10/23/90

TESTER [signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.30	2.32	2.13	MIN. SETTING,
PULL #2	2.35	2.30	2.33	2.09	NO AVG. OF 5
PULL #3	2.28	2.37	2.46	2.09	READINGS ACCEPT-
PULL #4	2.29	2.27	2.45	2.09	ABLE LESS THAN 2#
PULL #5	2.25	2.29	2.47	2.06	
TOTAL	11.48	11.53	12.03		
AVG.	2.296	2.306	2.406		

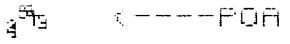
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.40		
PULL #2	3.45	3.44		
PULL #3	3.13	3.39		
PULL #4	3.41	3.11		
PULL #5	3.32	3.34		
TOTAL	16.81	16.68		
AVG.	3.362	3.336		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.41		4.43
PULL #2	4.37	4.37		4.40
PULL #3	4.34	4.10		4.25
PULL #4	4.38	4.42		4.42
PULL #5	4.31	4.12		4.46
TOTAL	21.51	21.42		21.96
AVG.	4.302	4.284		4.392

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523510
26 Oct 1990

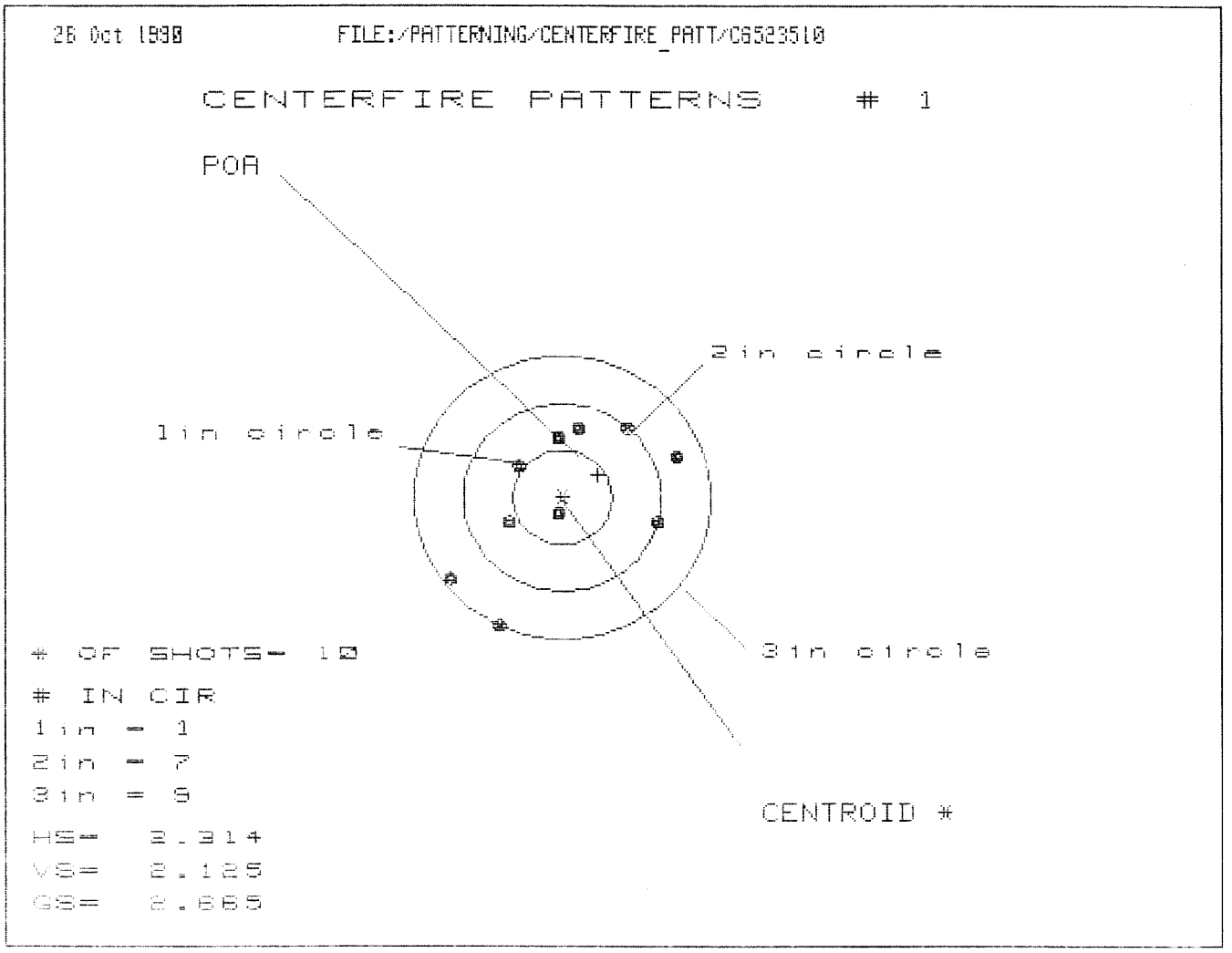
CENTROIDAL DISTANCES

0	TO	1	.431279
1	TO	2	.060208
1	TO	3	.557022
1	TO	4	.4858
1	TO	5	.389179

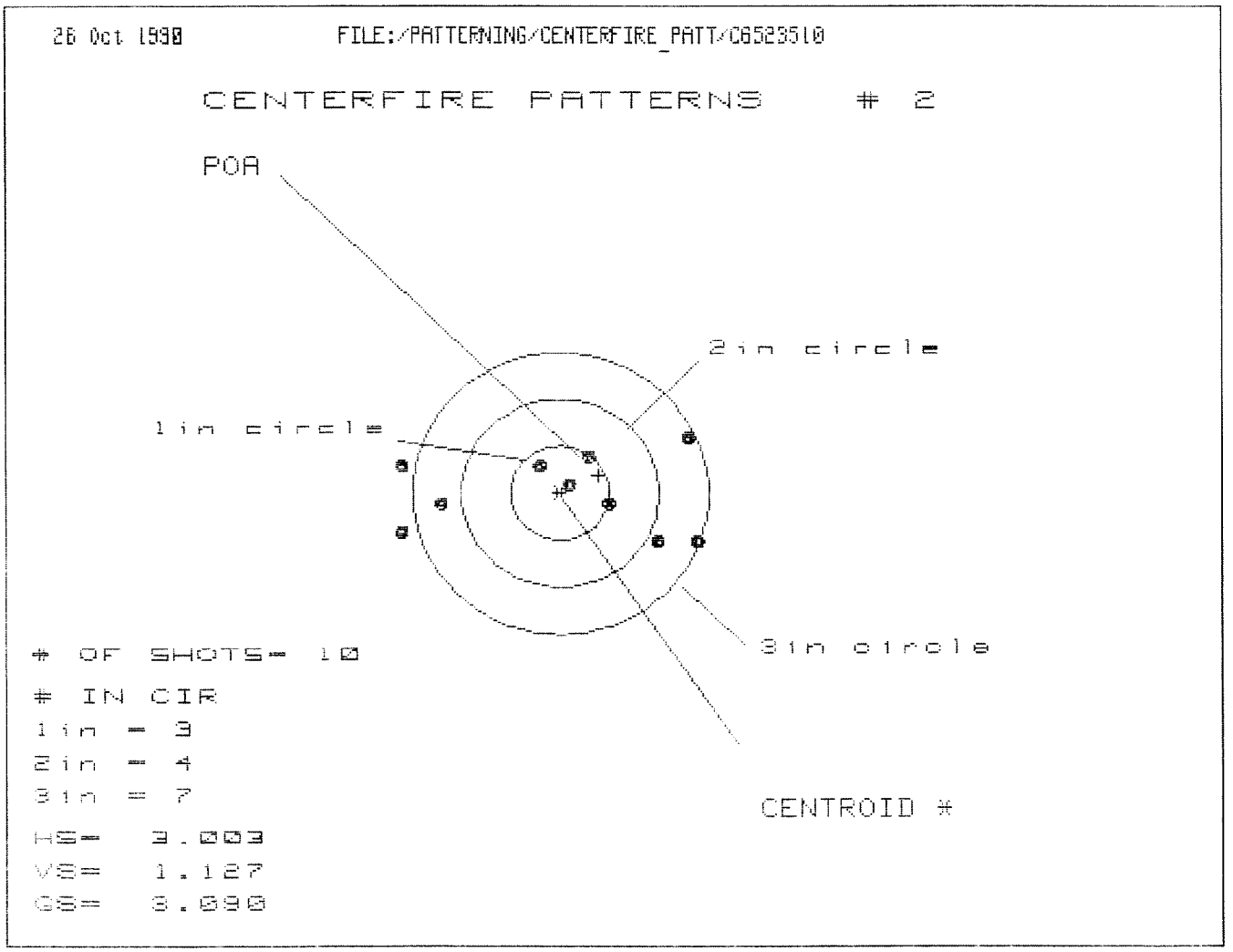


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1634
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0526
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .171658

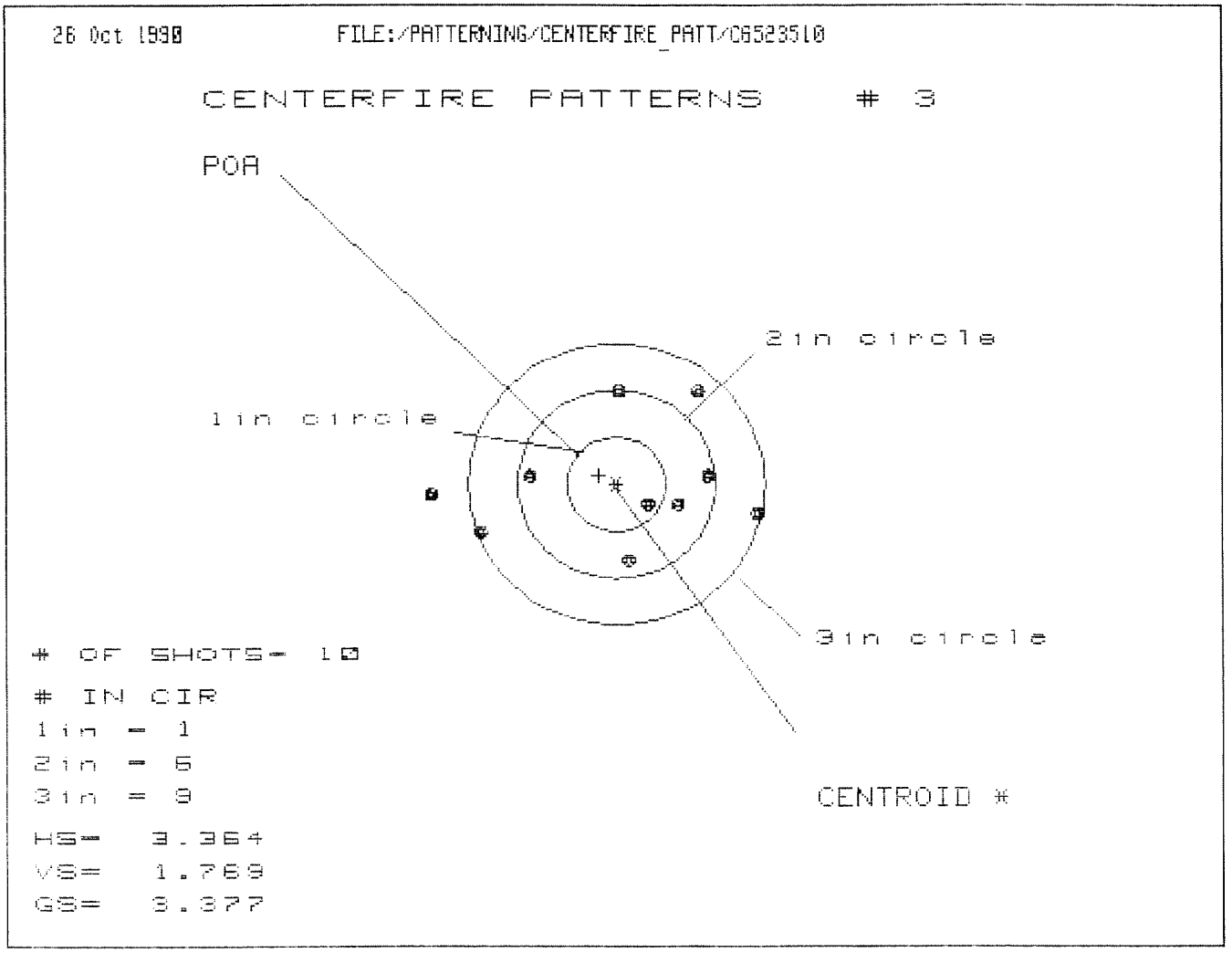
THE AMR FOR THIS RIFLE IS: .927



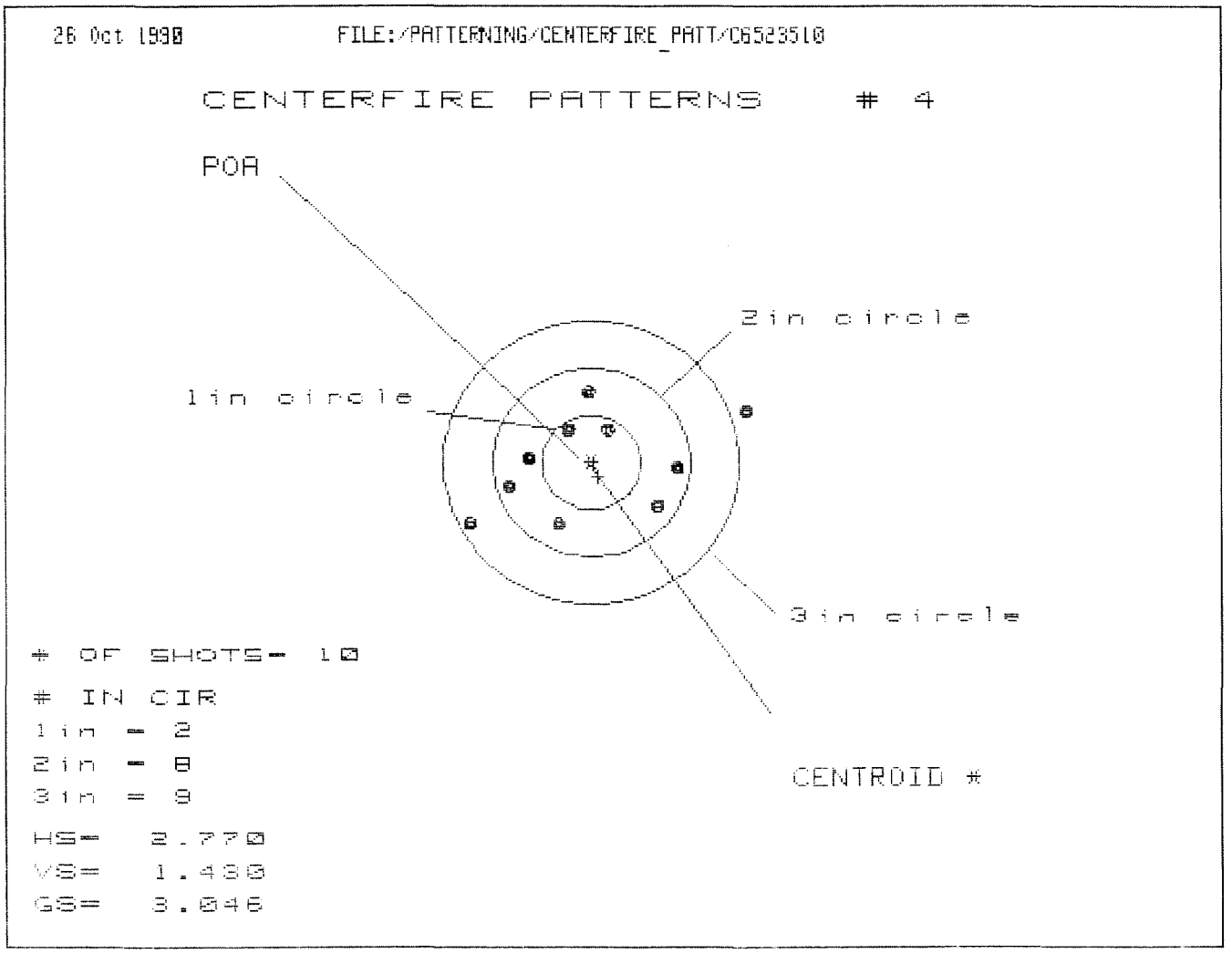
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.180	1.106	.955
MINIMUM X	:	-1.134	-1.208	-.778
MAXIMUM Y	:	.774	.624	.495
MINIMUM Y	:	-1.351	-1.028	-.529
CENTROID X	:	-.359	-.285	-.134
CENTROID Y	:	-.239	-.089	.640
POA TO CENTROID in.	:	.432	.299	.140
MIN RADIUS	:	.195	.361	.416
MEAN RADIUS	:	.888	.803	.691
MAX RADIUS	:	1.507	1.586	.969
HORIZONTAL SPREAD	:	2.314	2.314	1.733
VERTICAL SPREAD	:	2.125	1.652	1.024
EXTREME SPREAD	:	2.665	2.665	1.853
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



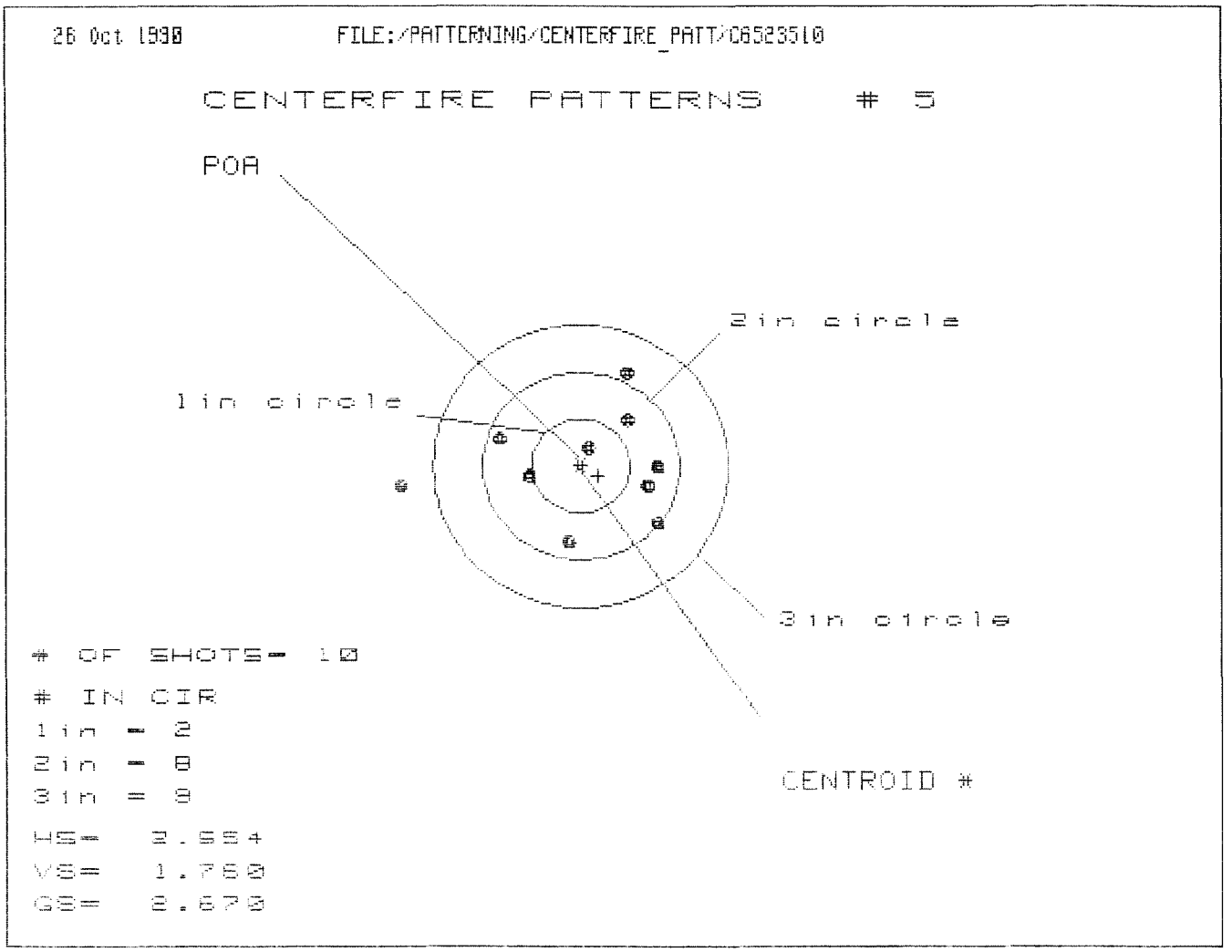
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.427	1.253	1.034
MINIMUM X	:	-1.575	-1.750	-1.587
MAXIMUM Y	:	.625	.583	.610
MINIMUM Y	:	-.502	-.544	-.517
CENTROID X	:	-.391	-.216	.003
CENTROID Y	:	-.188	-.146	-.173
POA TO CENTROID in.	:	.433	.261	.173
MIN RADIUS	:	.070	.122	.177
MEAN RADIUS	:	.989	.894	.774
MAX RADIUS	:	1.615	1.763	1.596
HORIZONTAL SPREAD	:	3.003	3.003	2.621
VERTICAL SPREAD	:	1.127	1.127	1.127
EXTREME SPREAD	:	3.090	3.090	2.639
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.450	1.238	.828
MINIMUM X	:	-1.914	-1.580	-1.426
MAXIMUM Y	:	1.007	1.000	.956
MINIMUM Y	:	-.762	-.769	-.814
CENTROID X	:	.178	.390	.236
CENTROID Y	:	-.091	-.084	-.039
POA TO CENTROID in.	:	.200	.399	.239
MIN RADIUS	:	.353	.227	.345
MEAN RADIUS	:	1.063	.922	.896
MAX RADIUS	:	1.915	1.667	1.538
HORIZONTAL SPREAD	:	3.364	2.818	2.254
VERTICAL SPREAD	:	1.769	1.769	1.769
EXTREME SPREAD	:	3.377	2.823	2.639
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.567	1.043	.915
MINIMUM X	:	-1.203	-1.029	-.763
MAXIMUM Y	:	.740	.805	.726
MINIMUM Y	:	-.690	-.625	-.654
CENTROID X	:	-.068	-.242	-.114
CENTROID Y	:	.150	.085	.164
POA TO CENTROID in.	:	.165	.257	.199
MIN RADIUS	:	.382	.370	.344
MEAN RADIUS	:	.848	.738	.672
MAX RADIUS	:	1.671	1.204	.916
HORIZONTAL SPREAD	:	2.770	2.072	1.678
VERTICAL SPREAD	:	1.430	1.430	1.380
EXTREME SPREAD	:	3.046	2.175	1.693
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.813	.606	.642
MINIMUM X	:	-1.841	-1.006	-.972
MAXIMUM Y	:	.974	.953	.585
MINIMUM Y	:	-.786	-.807	-.688
CENTROID X	:	-.177	.028	-.006
CENTROID Y	:	.105	.126	.006
POA TO CENTROID in.	:	.206	.129	.009
MIN RADIUS	:	.188	.213	.297
MEAN RADIUS	:	.847	.708	.675
MAX RADIUS	:	1.850	1.046	1.052
HORIZONTAL SPREAD	:	2.654	1.614	1.614
VERTICAL SPREAD	:	1.760	1.760	1.272
EXTREME SPREAD	:	2.670	1.872	1.837
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	