C6587551

MODEL 700™ M24

Model 5HS™

Action

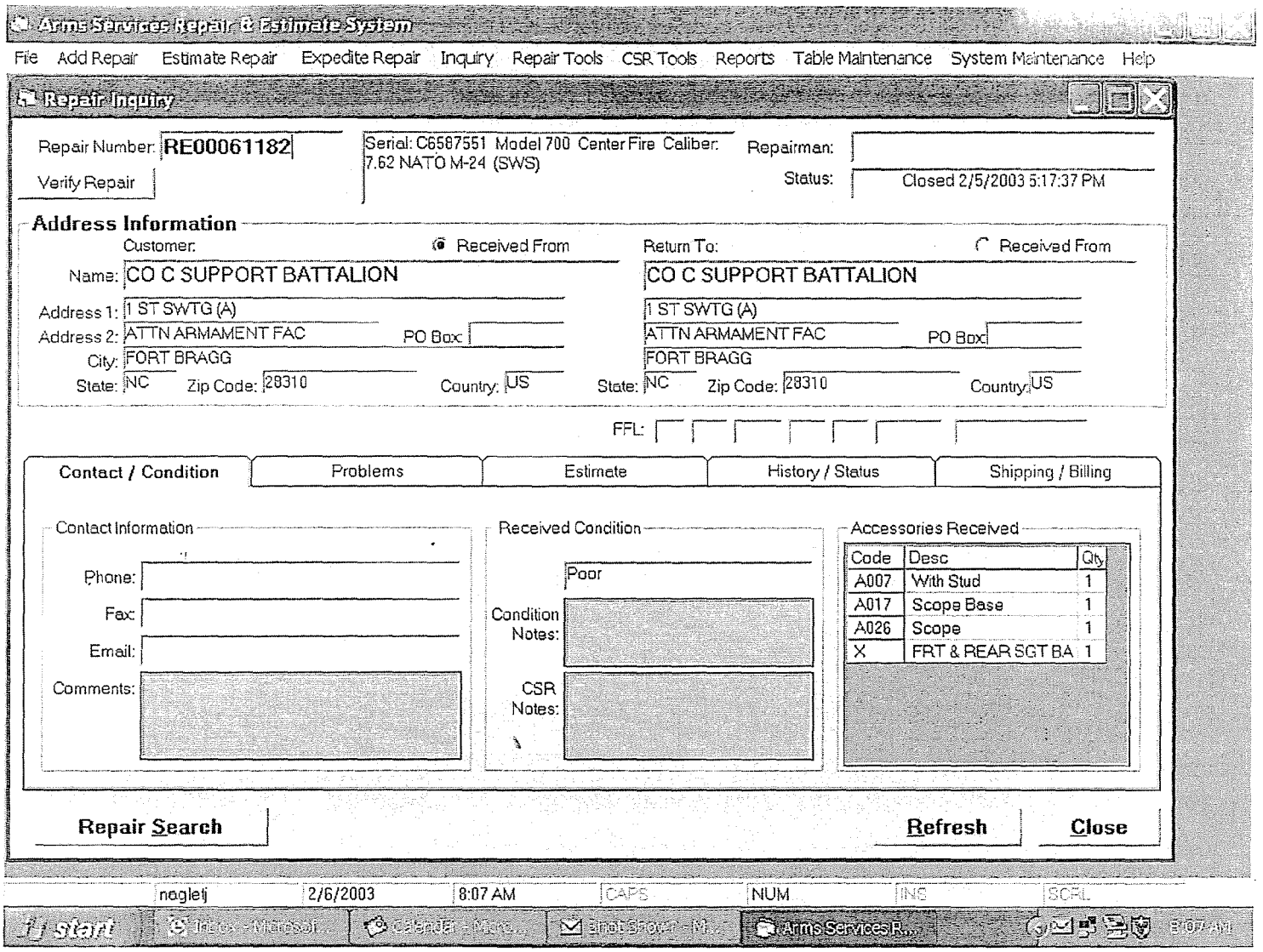
Barrel Length

Capacity

Order No. 576

*Includes 1 in chamber.

Remington


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: RE00061182
Verify Repair
Serial: C6587551 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)
Repairman:
Status: Closed 2/5/2003 5:17:37 PM
Address Information
Customer: Received From
Name: CO C SUPPORT BATTALION
Address 1: 1 ST SWTG (A)
Address 2: ATTN ARMAMENT FAC PO Box:
City: FORT BRAGG
State: NC Zip Code: 28310 Country: US
Return To: Received From
CO C SUPPORT BATTALION
1 ST SWTG (A)
ATTN ARMAMENT FAC PO Box:
FORT BRAGG
State: NC Zip Code: 28310 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone:
Fax:
Email:
Comments:
Received Condition
Poor
Condition Notes:
CSR Notes:
Accessories Received
Code Desc Qty
A007 With Stud 1
A017 Scope Base 1
A026 Scope 1
X FRT & REAR SGT BA 1
Repair Search
Refresh
Close
nagletj 2/6/2003 8:07 AM CAPS NUM INS SCRL
start
Arms Services R...
8:07 AM


Serial Number:
C6587551
Model: 700
RE00061182

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587551.__0
FILE DATE AND TIME: 03/07/2003 15:20

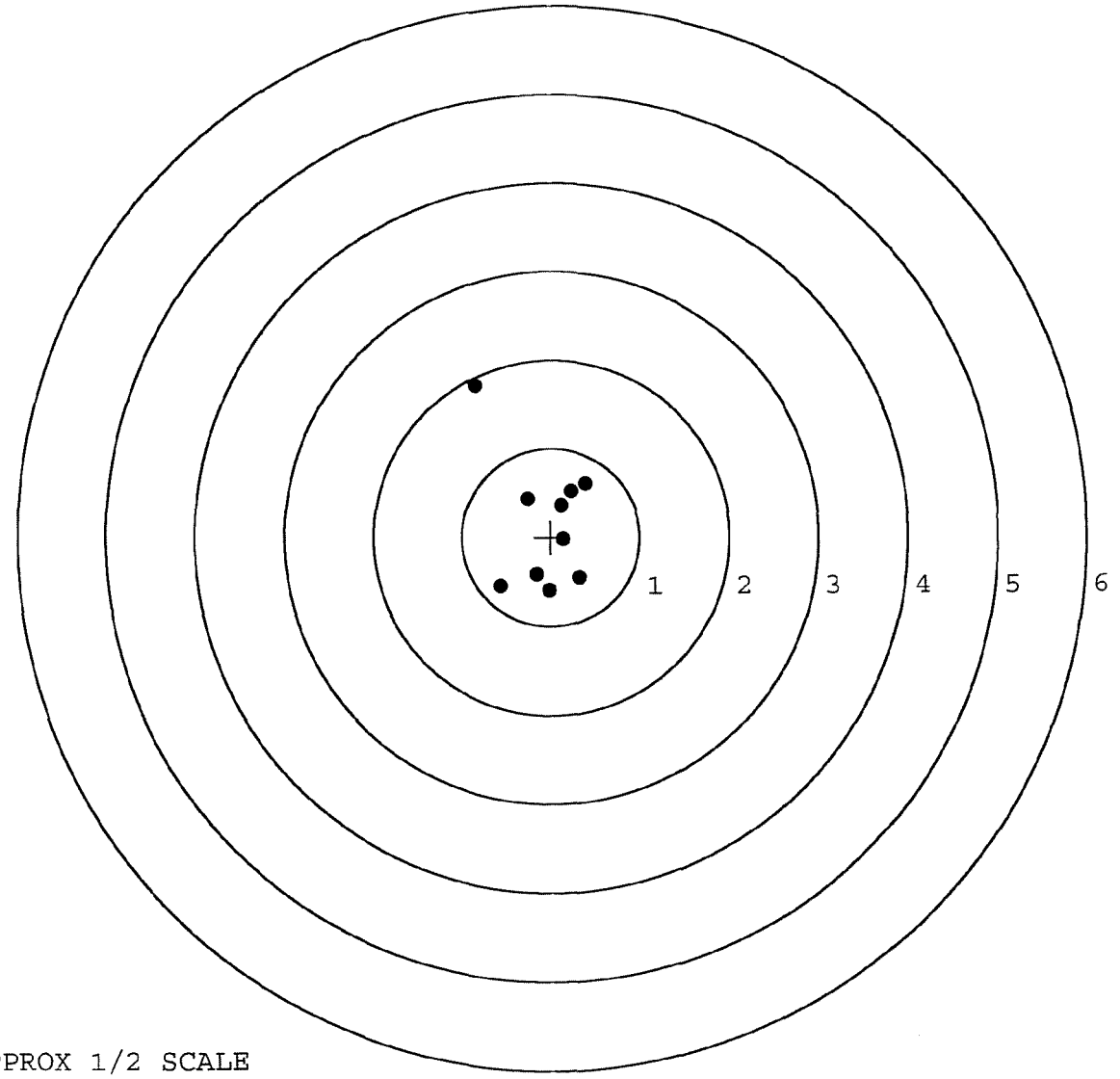
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.010
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.016
The Average Mean Radius of the Five Target Set:	0.508
The Distance from POA to Centroid Target #1:	0.169
The Distance from Centroid Target #2 to Centroid Target #1:	0.116
The Distance from Centroid Target #3 to Centroid Target #1:	0.328
The Distance from Centroid Target #4 to Centroid Target #1:	0.287
The Distance from Centroid Target #5 to Centroid Target #1:	0.287

SERIAL NUMBER: C6587551.__0
TARGET NUMBER: 1
FILE DATE: 03/07/2003
FILE TIME: 15:20

X CENTROID:	-0.066
Y CENTROID:	0.156
POA TO CENTROID:	0.169
HORZ SPREAD:	1.238
VERT SPREAD:	2.320
GROUP SPREAD:	2.469
MIN RADIUS:	0.274
MAX RADIUS:	1.745
MEAN RADIUS:	0.668
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.321	-0.459
2:	-0.024	-0.604
3:	-0.161	-0.422
4:	-0.573	-0.549
5:	-0.263	0.427
6:	0.145	-0.029
7:	0.118	0.358
8:	0.232	0.514
9:	0.390	0.603
10:	-0.848	1.716

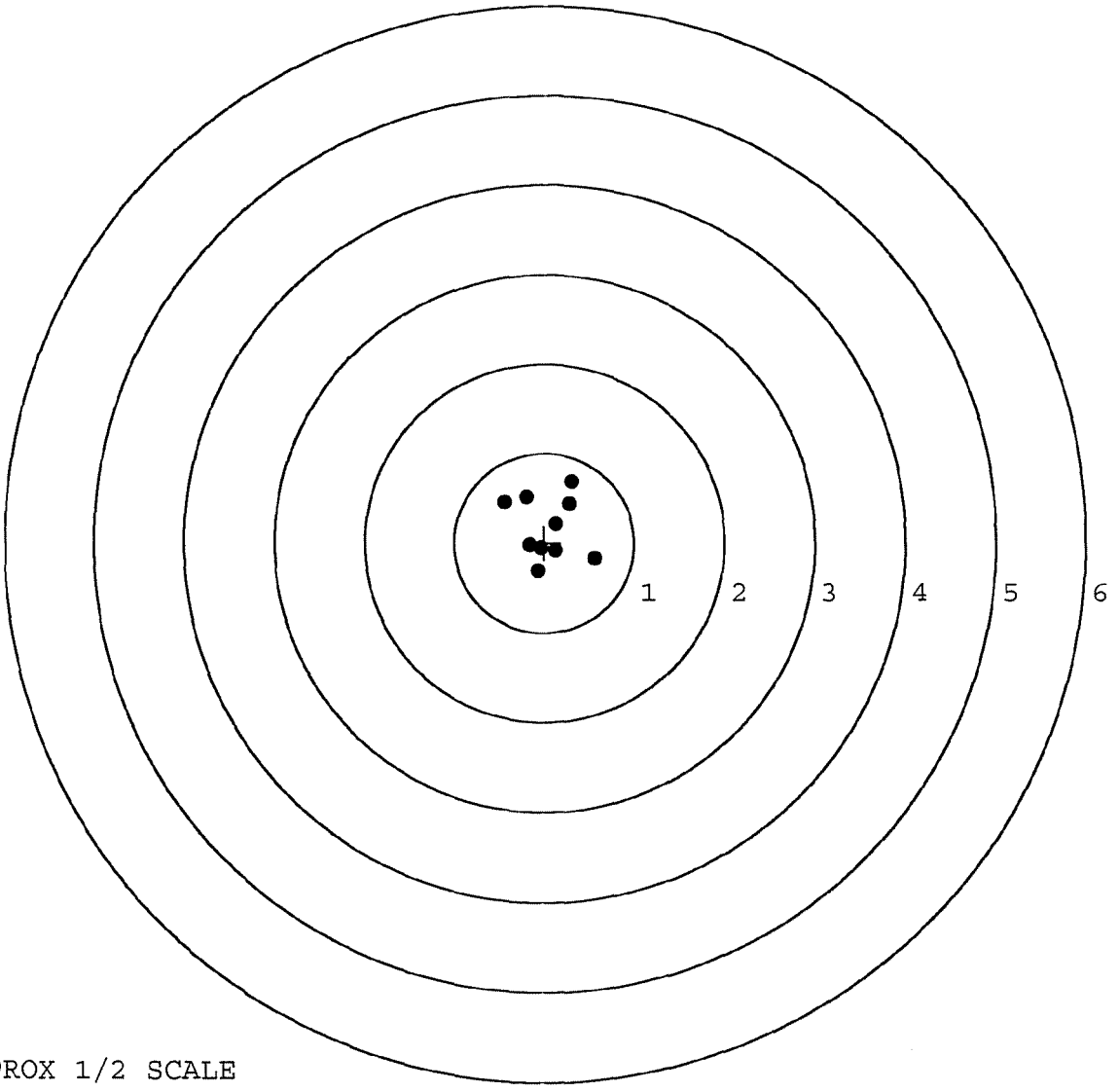


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587551.__0
TARGET NUMBER: 2
FILE DATE: 03/07/2003
FILE TIME: 15:20

X CENTROID:	0.049
Y CENTROID:	0.161
POA TO CENTROID:	0.168
HORZ SPREAD:	1.004
VERT SPREAD:	1.001
GROUP SPREAD:	1.181
MIN RADIUS:	0.101
MAX RADIUS:	0.613
MEAN RADIUS:	0.394
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.562	-0.175
2:	0.310	0.682
3:	0.281	0.434
4:	-0.203	0.511
5:	-0.442	0.447
6:	0.138	0.209
7:	-0.166	-0.028
8:	0.128	-0.091
9:	-0.077	-0.319
10:	-0.037	-0.065

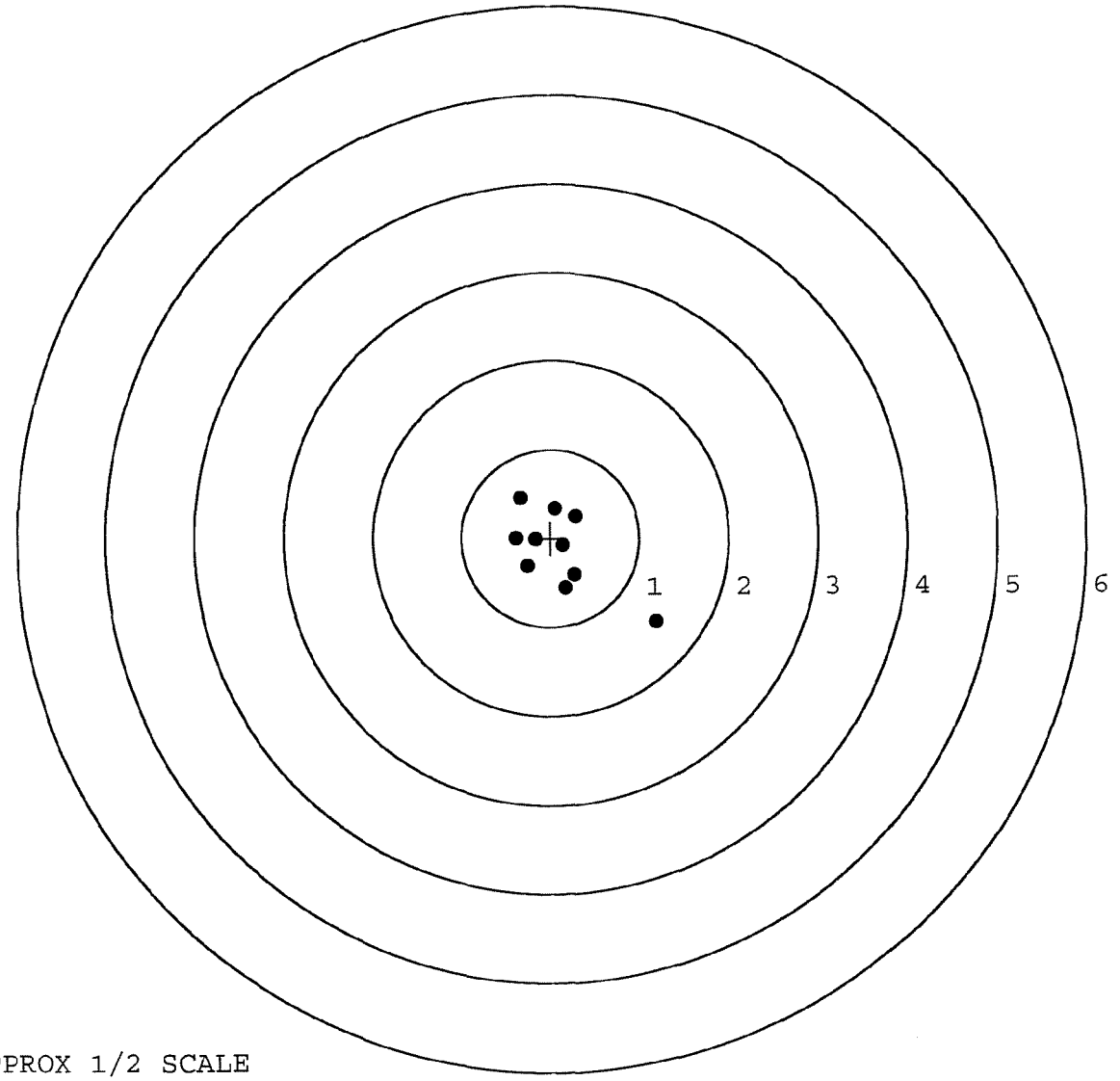


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587551.__0
TARGET NUMBER: 3
FILE DATE: 03/07/2003
FILE TIME: 15:20

X CENTROID:	0.096
Y CENTROID:	-0.130
POA TO CENTROID:	0.161
HORZ SPREAD:	1.586
VERT SPREAD:	1.405
GROUP SPREAD:	2.081
MIN RADIUS:	0.067
MAX RADIUS:	1.370
MEAN RADIUS:	0.503
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.193	-0.951
2:	0.172	-0.561
3:	0.272	-0.412
4:	-0.261	-0.315
5:	-0.393	0.003
6:	-0.342	0.454
7:	0.287	0.252
8:	0.051	0.334
9:	0.146	-0.085
10:	-0.168	-0.019

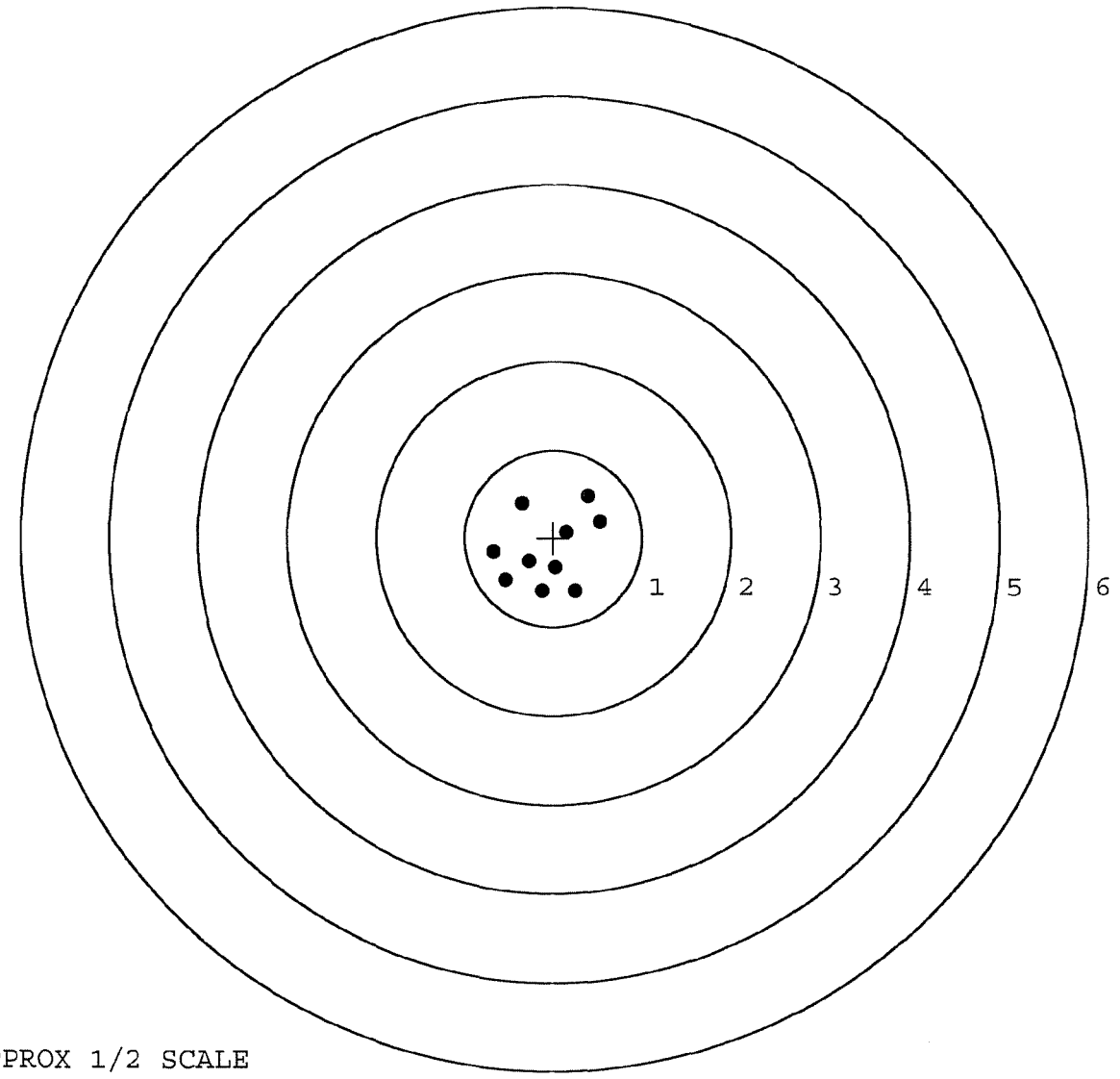


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587551.__0
TARGET NUMBER: 4
FILE DATE: 03/07/2003
FILE TIME: 15:20

X CENTROID:	-0.064
Y CENTROID:	-0.131
POA TO CENTROID:	0.146
HORZ SPREAD:	1.208
VERT SPREAD:	1.085
GROUP SPREAD:	1.337
MIN RADIUS:	0.225
MAX RADIUS:	0.764
MEAN RADIUS:	0.506
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.249	-0.604
2:	0.026	-0.338
3:	-0.131	-0.604
4:	-0.279	-0.270
5:	-0.541	-0.475
6:	-0.677	-0.156
7:	-0.357	0.397
8:	0.150	0.066
9:	0.531	0.189
10:	0.393	0.481

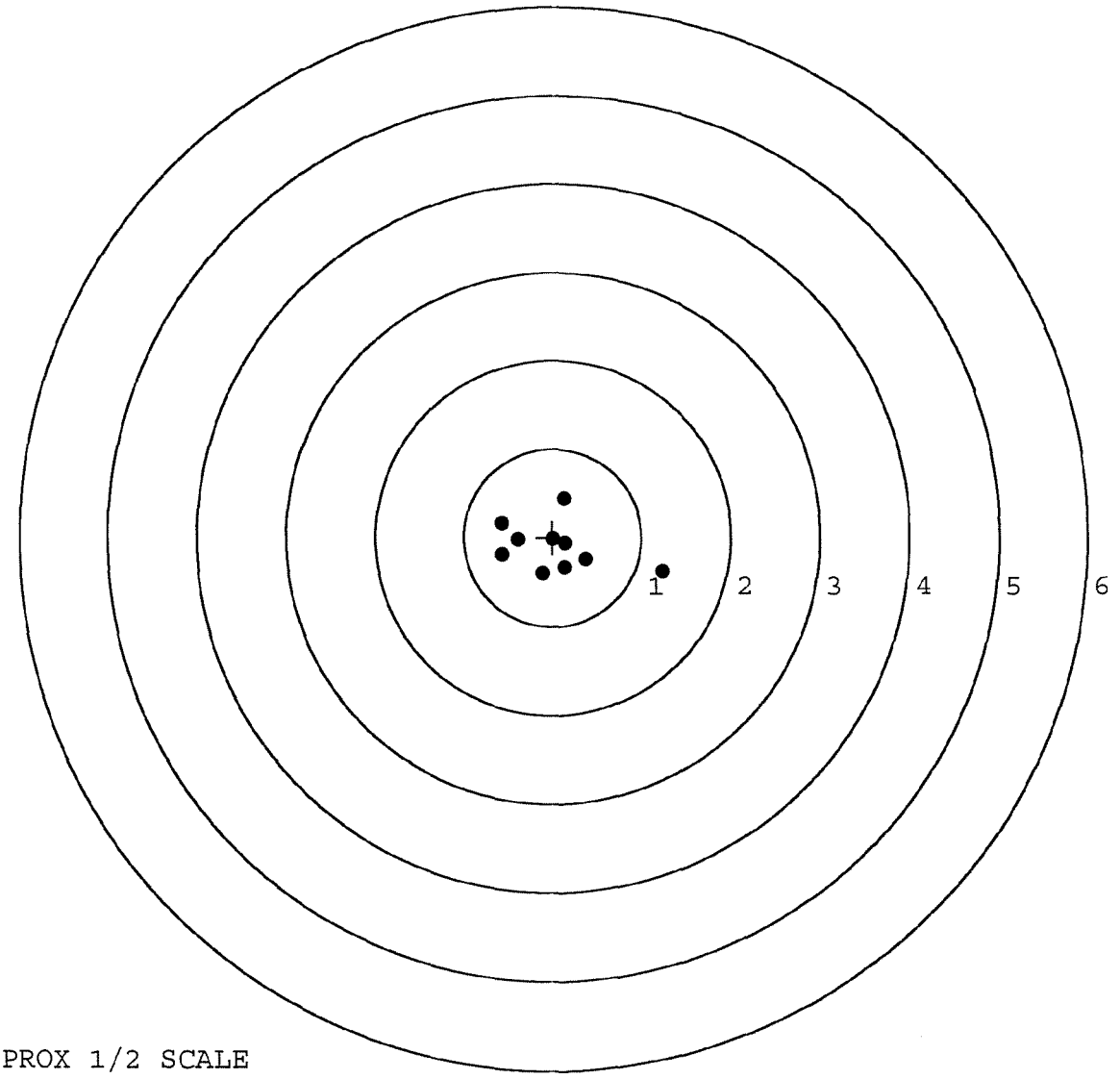


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587551.__0
TARGET NUMBER: 5
FILE DATE: 03/07/2003
FILE TIME: 15:20

X CENTROID:	0.036
Y CENTROID:	-0.113
POA TO CENTROID:	0.118
HORZ SPREAD:	1.809
VERT SPREAD:	0.845
GROUP SPREAD:	1.891
MIN RADIUS:	0.098
MAX RADIUS:	0.233
MEAN RADIUS:	0.467
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.006	-0.024
2:	1.238	-0.391
3:	0.378	-0.250
4:	0.135	-0.344
5:	-0.118	-0.407
6:	0.142	-0.077
7:	0.129	0.438
8:	-0.570	0.162
9:	-0.393	-0.033
10:	-0.571	-0.200



TARGET APPROX 1/2 SCALE

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

SERIAL # C6582551 INSPECTED BY: RTL

DATE REC'D: 2-5-03 DATE RET'D: 3-10-03

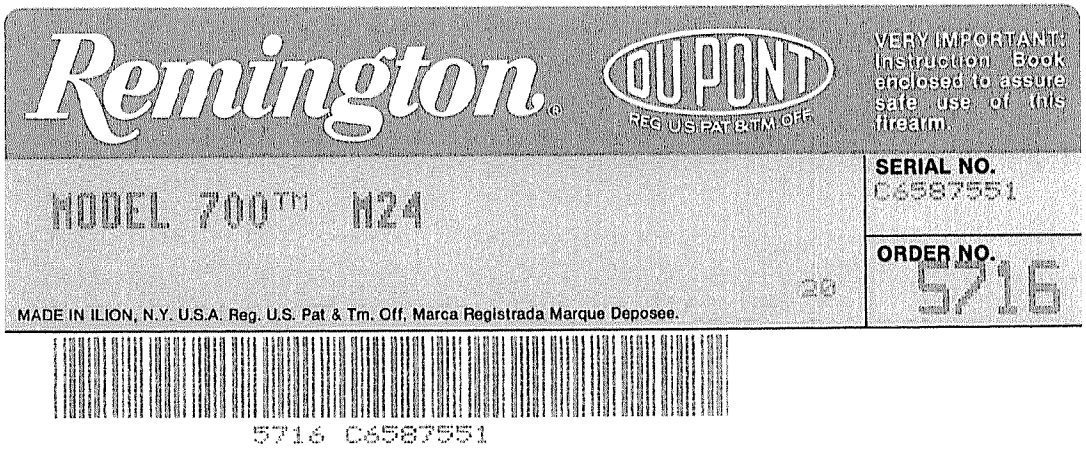
ITEM		ITEM	
BARREL ASSEMBLY		STOCK ASSEMBLY	
✓	BARREL	✓	STOCK
✓	RECEIVER	✓	SLING AWIVEL STUDS
✓	FRONT SIGHT BASE	✓	ADJUSTABLE
✓	REAR SIGHT BASE	✓	BUTT PLATE
✓	SCREWS	✓	LOCK NUTS
✓	FINISH	✓	BARREL CLEARANCE
		✓	COLOR / FINISH
SCOPE ASSEMBLY		SYSTEMS CASE	
✓	SCOPE		SCOPE CASE
✓	SCOPE RINGS		IRON SIGHTS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

COMMENTS:

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

R & E NUMBER	6182		
SERIAL NUMBER	C6587551		
LOG-IN DATE	2/5/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-10-03	RTL
560 A	RE-BARREL	2-11-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	
605	CHECK HEADSPACE	2-13-03	
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	2/19/03	
618	ROTO-BLAST	2-26-03	
620	APPLY COATINGS	3-3	
625 A	FINAL ASSEMBLY	3-5-03	
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-6-03	TRW
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-11-03	
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED FEB 17 2003 OPERATOR



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587551

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	KS
600	Proof		10/31/90	KS
607	Check Headspace		10/31/90	KS
610	Dis-assemble Gun		10/31/90	KS
612	Magnaflux Barrel Action		11/1/90	KCR
	Magnaflux Bolt		11/1/90	KCR
615	Rollmark Caliber		11/1/90	GS
617	Drill and Tap Sight Holes		11/5/90	RB
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		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1-3-91	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.25	4.25	4.0			1/2/91	KJ
	G) Safety Off Force	2.5	2.5	2.5			1/2/91	KJ
	H) Trigger Pull Test & Retainability						1-3-91	
	I) Firing Pin Indent	.020	.020	.020			1/2/91	KJ
	J) Assemble Stock						1/16.91	KS
	K) Assemble Swivel Studs						[redacted]	
	L) Attach Front and Rear Sight Assemblies						1/16.91	KS
	M) Iron Sight Alignment						1/16.91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/16/91	KS
	O) Attach Scope to Rifle						1/16.91	KS
	P) Detach & Attach Scope 20 Times						1/16.91	KS
640	Gallery Target & Test						1/17/91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clearity of Scope						"	KJ
645	Inspect for Live Ammo						1/17/91	KJ
655	Final Inspection A) Headspace						2-1-91	
	B) Trigger Pull	2.20	2.30	2.33	2.30	2.34	1-22-91	
	C) Function						2-1-91	
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 C6587551
DATE 1-3-91
TESTER JJ

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.33	2.30	2.20	MIN. SETTING,
PULL #2	2.34	2.35	2.36	2.30	NO AVG. OF 5
PULL #3	2.35	2.35	2.38	2.33	READINGS ACCEPT-
PULL #4	2.32	2.29	2.38	2.30	ABLE LESS THAN 2#
PULL #5	2.31	2.35	2.34	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.25		
PULL #2	3.47	3.44		
PULL #3	3.47	3.31		
PULL #4	3.44	3.40		
PULL #5	3.40	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.40		4.33
PULL #2	4.35	4.45		4.36
PULL #3	4.34	4.35		4.34
PULL #4	4.34	4.40		4.35
PULL #5	4.32	4.20		OK
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587551
18 Jan 1991

CENTROIDAL DISTANCES

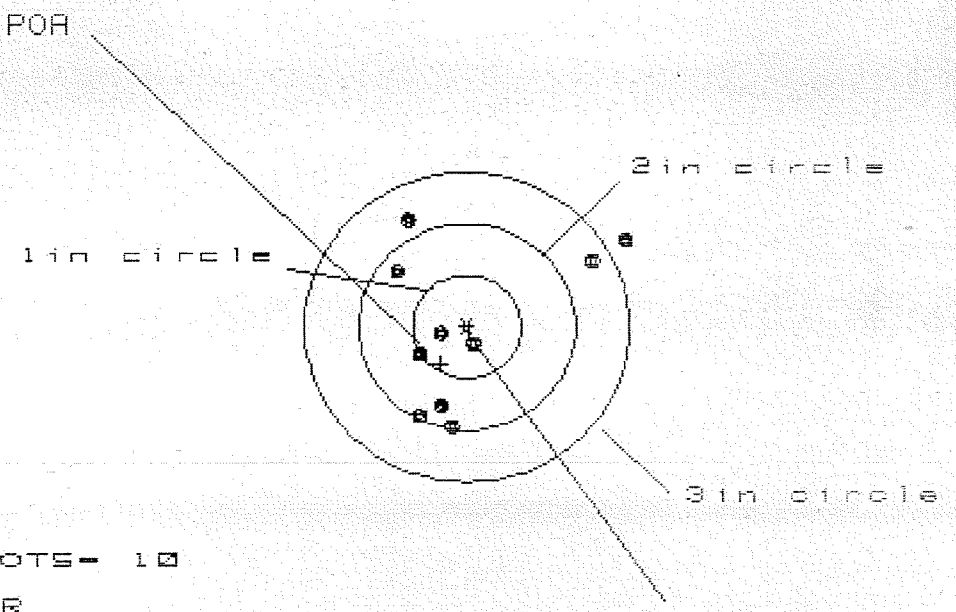
0	TO	1	.434332
1	TO	2	.134272
1	TO	3	.588545
1	TO	4	.877593
1	TO	5	.393046

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0408
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0382
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0619732

THE AMR FOR THIS RIFLE IS: .9466

18 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C0507551

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.014

VS= 1.985

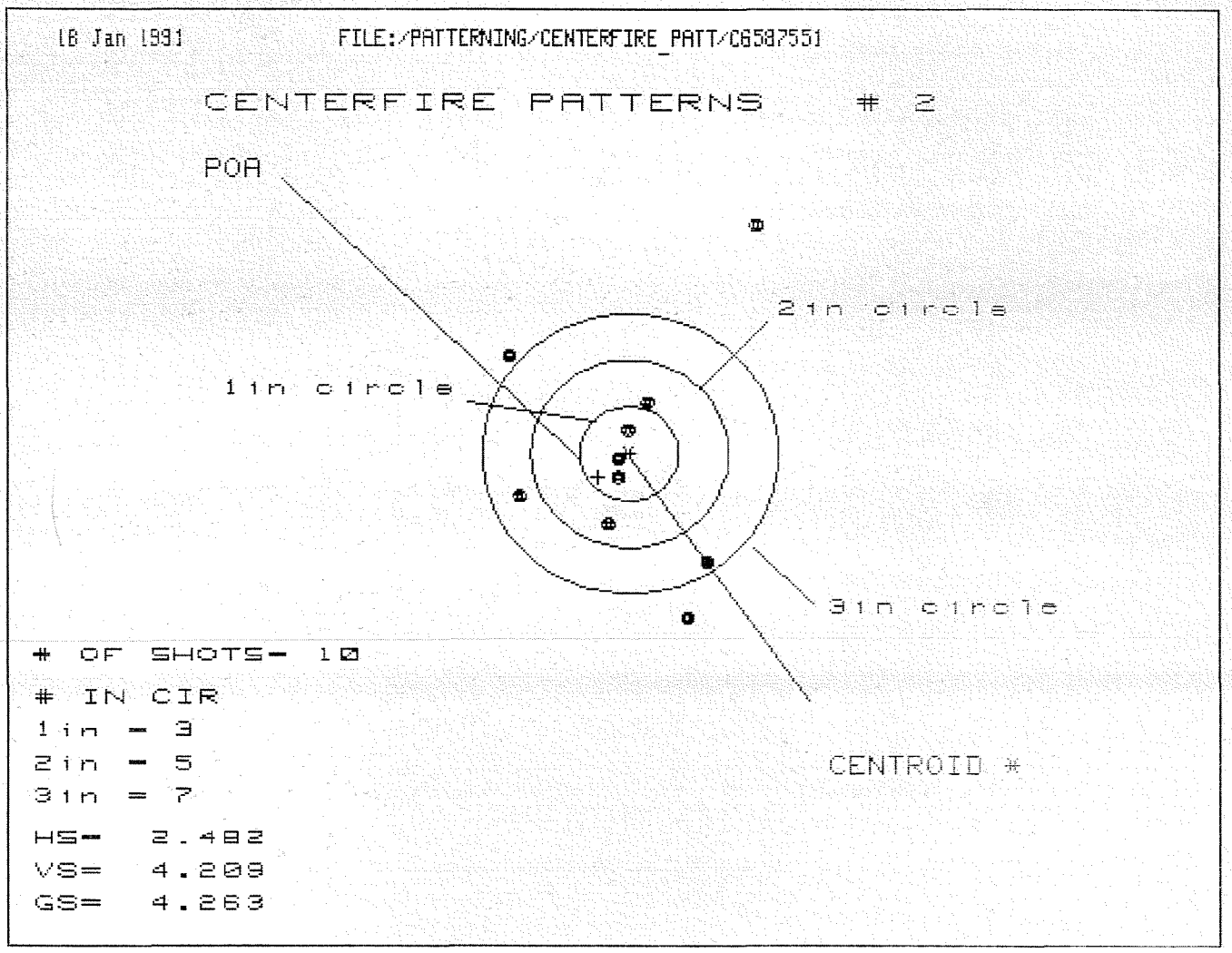
GS= 2.512

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.420	1.341	.343
MINIMUM X	:	-.594	-.436	-.268
MAXIMUM Y	:	1.012	1.099	1.191
MINIMUM Y	:	-.973	-.886	-.794
CENTROID X	:	.240	.082	-.086
CENTROID Y	:	.362	.275	.183
POA TO CENTROID in.	:	.434	.287	.202
MIN RADIUS	:	.147	.105	.100
MEAN RADIUS	:	.859	.722	.598
MAX RADIUS	:	1.624	1.528	1.212
HORIZONTAL SPREAD	:	2.014	1.777	.611
VERTICAL SPREAD	:	1.985	1.985	1.985
EXTREME SPREAD	:	2.512	2.240	2.019

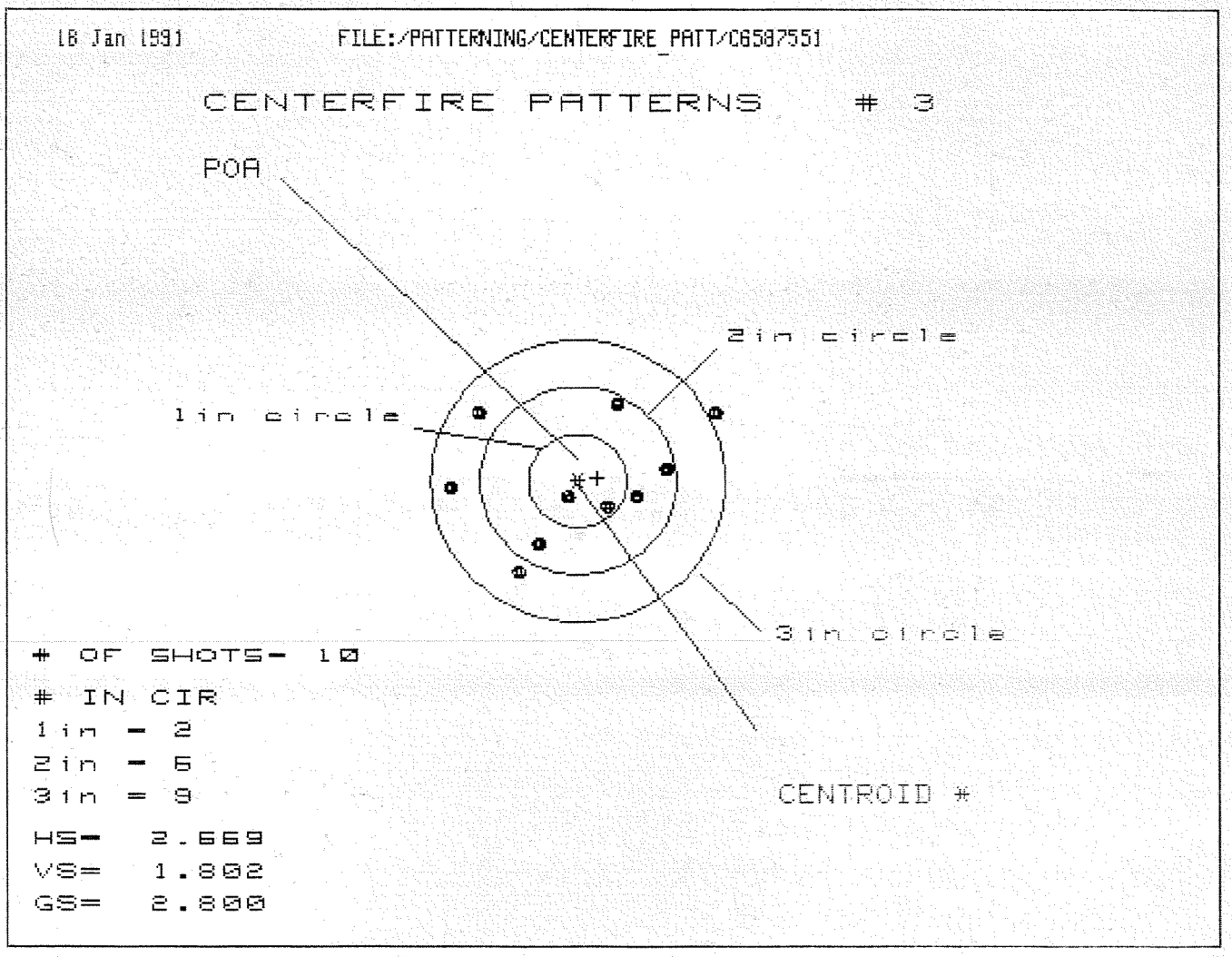
NUMBER IN ONE INCH CIRCLE = 3

NUMBER IN TWO INCH CIRCLE = 7

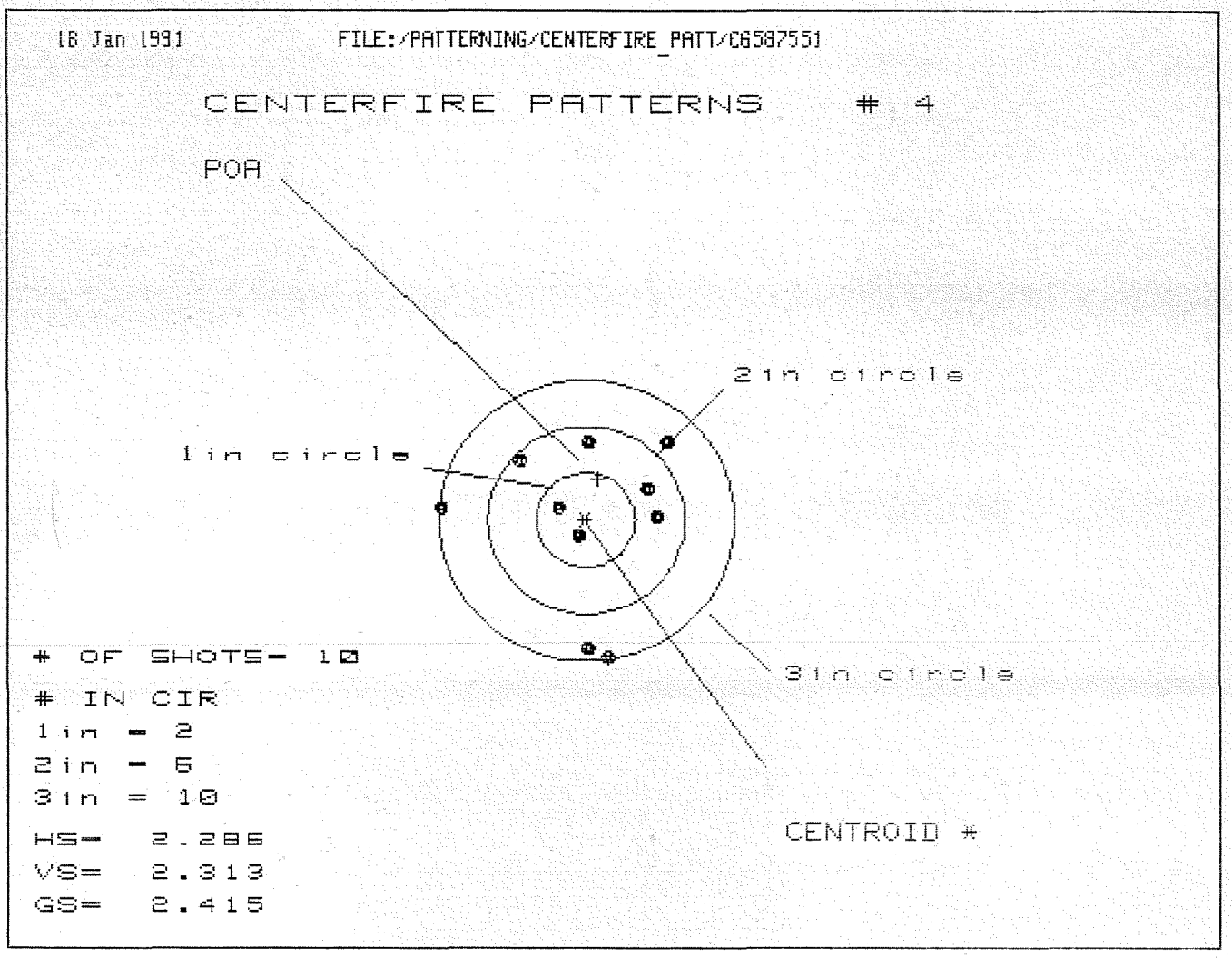
NUMBER IN THREE INCH CIRCLE = 9



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.245	.961	1.049
MINIMUM X	:	-1.237	-1.099	-1.010
MAXIMUM Y	:	2.492	1.336	1.156
MINIMUM Y	:	-1.717	-1.440	-1.080
CENTROID X	:	.317	.179	.090
CENTROID Y	:	.252	-.025	.155
POA TO CENTROID in.	:	.405	.181	.180
MIN RADIUS	:	.155	.059	.093
MEAN RADIUS	:	1.087	.863	.759
MAX RADIUS	:	2.785	1.730	1.535
HORIZONTAL SPREAD	:	2.482	2.060	2.060
VERTICAL SPREAD	:	4.209	2.776	2.236
EXTREME SPREAD	:	4.263	3.312	3.040
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



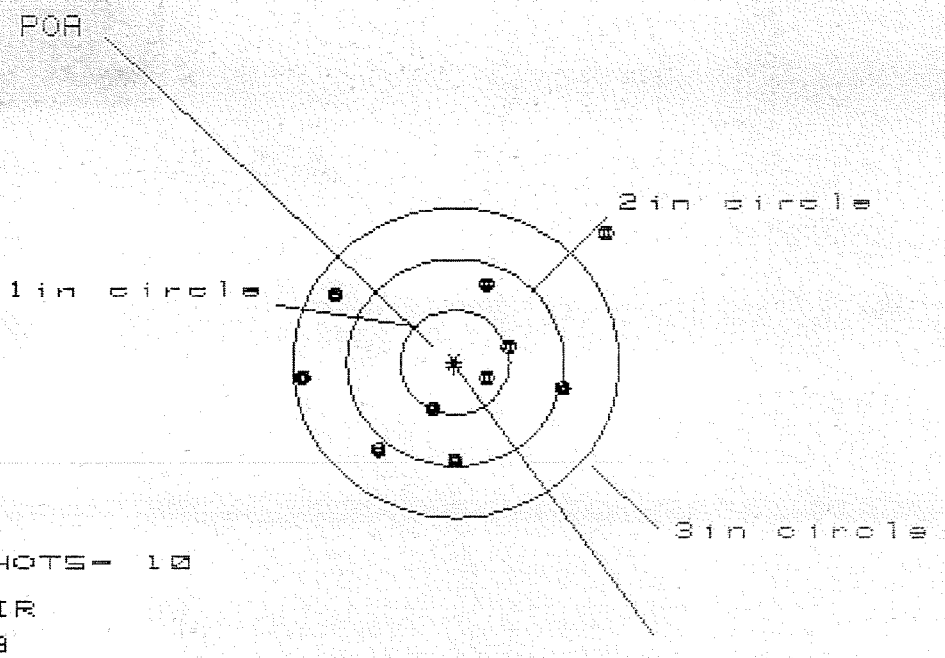
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.370	1.006	.863
MINIMUM X	:	-1.299	-1.147	-.974
MAXIMUM Y	:	.822	.904	.902
MINIMUM Y	:	-.980	-.898	-.900
CENTROID X	:	-.199	-.351	-.208
CENTROID Y	:	-.030	-.113	-.111
POA TO CENTROID in.	:	.201	.369	.236
MIN RADIUS	:	.238	.124	.168
MEAN RADIUS	:	.908	.825	.763
MAX RADIUS	:	1.559	1.147	1.236
HORIZONTAL SPREAD	:	2.669	2.153	1.837
VERTICAL SPREAD	:	1.802	1.802	1.802
EXTREME SPREAD	:	2.800	2.167	2.058
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.824	.661	.674
MINIMUM X	:	-1.462	-.806	-.792
MAXIMUM Y	:	.884	.897	.720
MINIMUM Y	:	-1.429	-1.416	-1.546
CENTROID X	:	-.123	.040	.026
CENTROID Y	:	-.437	-.450	-.273
POA TO CENTROID in.	:	.454	.452	.275
MIN RADIUS	:	.151	.275	.372
MEAN RADIUS	:	.918	.858	.762
MAX RADIUS	:	1.467	1.420	1.554
HORIZONTAL SPREAD	:	2.286	1.467	1.467
VERTICAL SPREAD	:	2.313	2.313	2.266
EXTREME SPREAD	:	2.415	2.415	2.415
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6587551

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.734
VS= 2.169
GS= 3.033

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.358	1.109	.956
MINIMUM X	:	-1.376	-1.225	-1.067
MAXIMUM Y	:	1.207	.842	.845
MINIMUM Y	:	-.962	-.827	-.824
CENTROID X	:	.009	-.142	.012
CENTROID Y	:	.044	-.091	-.094
POA TO CENTROID in.	:	.045	.168	.095
MIN RADIUS	:	.340	.297	.283
MEAN RADIUS	:	.961	.857	.780
MAX RADIUS	:	1.817	1.226	1.342
HORIZONTAL SPREAD	:	2.734	2.334	2.022
VERTICAL SPREAD	:	2.169	1.669	1.669
EXTREME SPREAD	:	3.033	2.337	2.214
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	