65281

MODEL 700™ M24

Model 5A5 ™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

11/02/07 13:11:48

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: RE00136219
Verify Repair

Serial: C6523301 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 11/2/2007 10:17:17 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	BARRY MOBERLY		BARRY MOBERLY
Address 1:	L-3 COMMUNICATIONS		L-3 COMMUNICATIONS
Address 2:	5749 BRIAR HILL RD BLDG 221	PO Box:	5749 BRIAR HILL RD BLDG 221 PO Box:
City:	LEXINGTON		LEXINGTON
State:	KY Zip Code: 40516 Country: US		State: KY Zip Code: 40516 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	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search | Refresh | Close

nagleti | 11/2/2007 | 1:11 PM | CAPS | NUM | INS | SCRL

start | 2 Mi... | 5 Int... | 4 Mi... | Part 5... | longo... | Arms ... | 1:11 PM

Serial Number: C6523301

Model: M24 SWS

RE00136219

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

R & S NUMBER 136219

SERIAL NUMBER C6523301

LOG-IN DATE 11-2-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-10-08	RTC
505	RE-BARREL		7-18-08	RTC
560	ASSEMBLE	MAGNA-FLUX JUL 25 2008	7-15-08	RSW
600	PROOF		7-16-08	TRW
605	CHECK HEADSPACE		7-16-08	TRW
610	DIS-ASSEMBLE GUN	OPERATOR BM	7-18-08	RTC
612	MAGNAFLUX		7/25/08	BM
510	DRILL AND TAP		7-19-08	JF
615	ROLLMARK CALIBER		7/25/08	RT
618	ROTO-BLAST		7/25/08	DG
620	APPLY COATINGS		[illegible]	[illegible]
625	FINAL ASSEMBLY		8-5-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	9-3-08	[illegible]
650	TARGET	(PASS) FAIL	9-3-08	[illegible]
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	[illegible]	
670	FINAL INSPECTION		9-8-08	RTC
	A) HEADSPACE	(PASS) FAIL	9-8-08	RTC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.54 2.27 2.14 .217 2.19	9-8-08	RSW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5.20 5.50 5.50	9-8-08	RTC
	G) SAFETY OFF FORCE (2 LBS MIN)	3.75 3.75 3.75	9-8-08	RTC
	I) FIRING PIN INDENT .020	.022 .022 .022	9-8-08	RTC
690	PACK		9/9/08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523301.__0
FILE DATE AND TIME: 09/05/2008 13:47

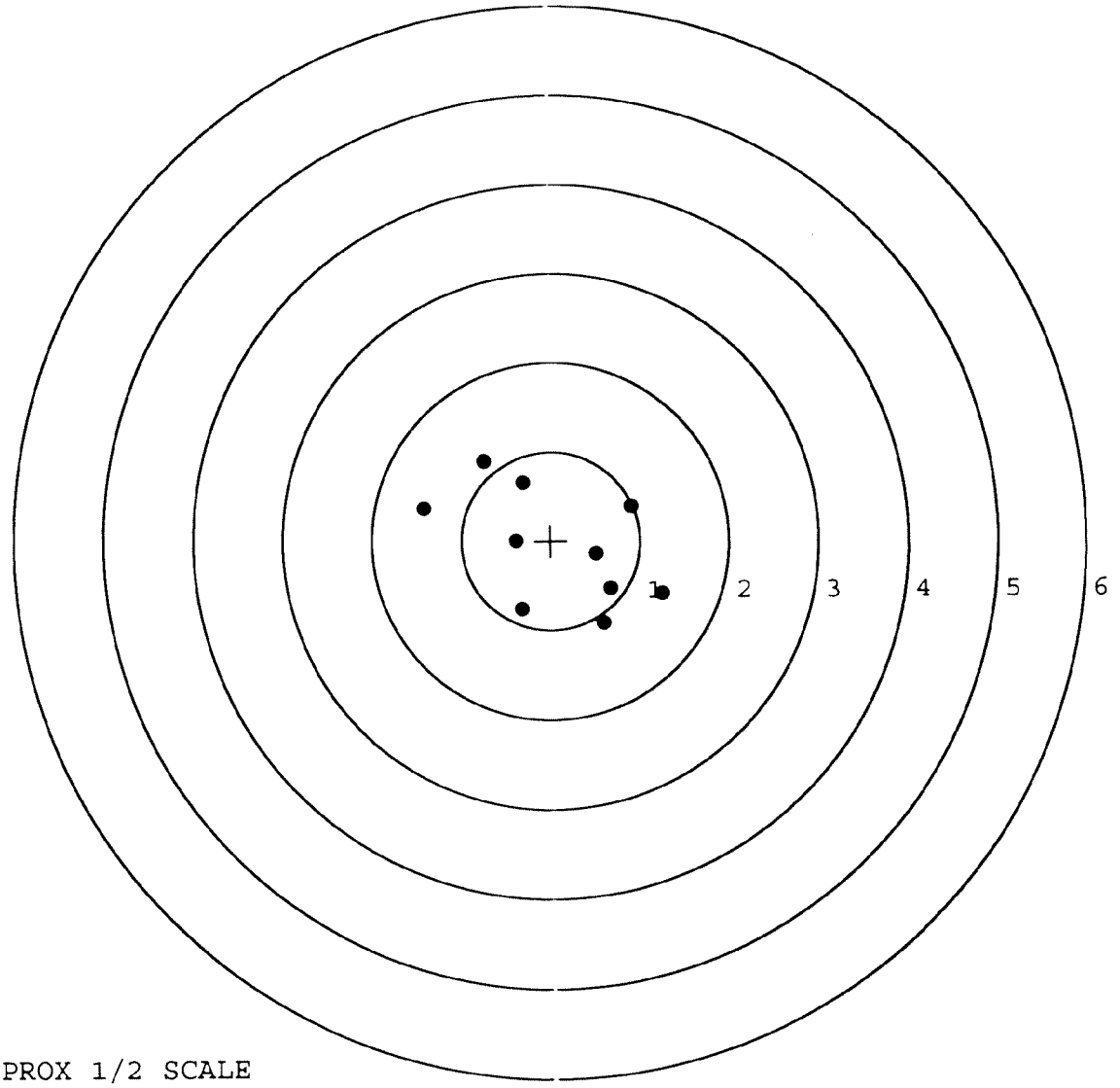
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.037
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.074
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.098
The Distance from Centroid Target #2 to Centroid Target #1:	0.197
The Distance from Centroid Target #3 to Centroid Target #1:	0.040
The Distance from Centroid Target #4 to Centroid Target #1:	0.045
The Distance from Centroid Target #5 to Centroid Target #1:	0.106

SERIAL NUMBER: C6523301.__0
TARGET NUMBER: 1
FILE DATE: 09/05/2008
FILE TIME: 13:47

X CENTROID:	0.073
Y CENTROID:	-0.066
POA TO CENTROID:	0.098
HORZ SPREAD:	2.665
VERT SPREAD:	1.827
GROUP SPREAD:	2.835
MIN RADIUS:	0.443
MAX RADIUS:	1.551
MEAN RADIUS:	0.936
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.329	-0.771
2:	0.589	-0.927
3:	0.669	-0.534
4:	1.250	-0.596
5:	0.508	-0.148
6:	0.903	0.393
7:	-0.393	-0.005
8:	-0.307	0.658
9:	-0.746	0.900
10:	-1.415	0.372

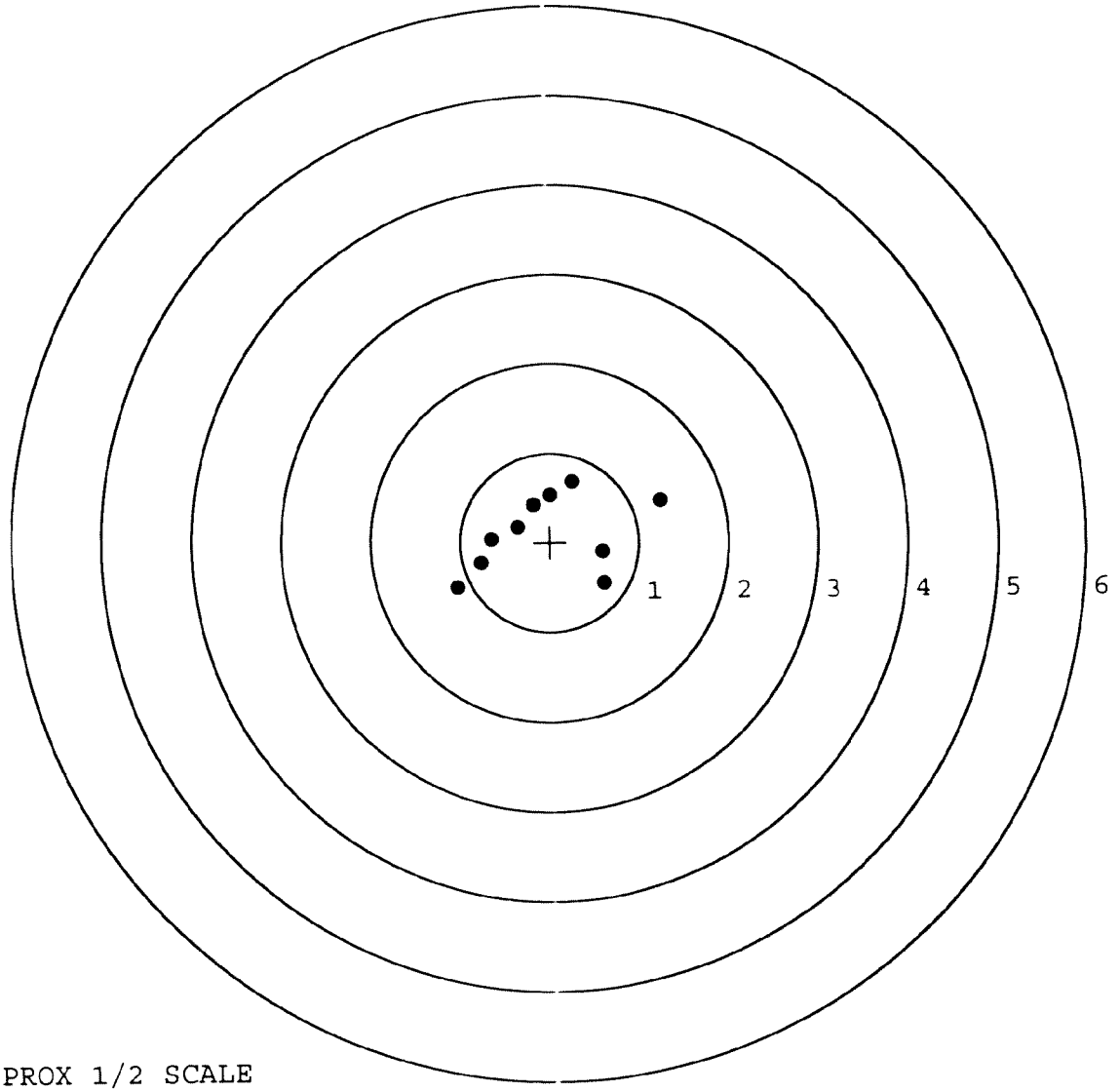


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523301.__0
TARGET NUMBER: 2
FILE DATE: 09/05/2008
FILE TIME: 13:47

X CENTROID:	-0.030
Y CENTROID:	0.102
POA TO CENTROID:	0.107
HORZ SPREAD:	2.279
VERT SPREAD:	1.183
GROUP SPREAD:	2.476
MIN RADIUS:	0.340
MAX RADIUS:	1.323
MEAN RADIUS:	0.722
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.605	-0.465
2:	0.591	-0.111
3:	1.243	0.465
4:	0.260	0.680
5:	0.009	0.533
6:	-0.185	0.426
7:	-0.361	0.180
8:	-0.654	0.045
9:	-0.769	-0.227
10:	-1.036	-0.503

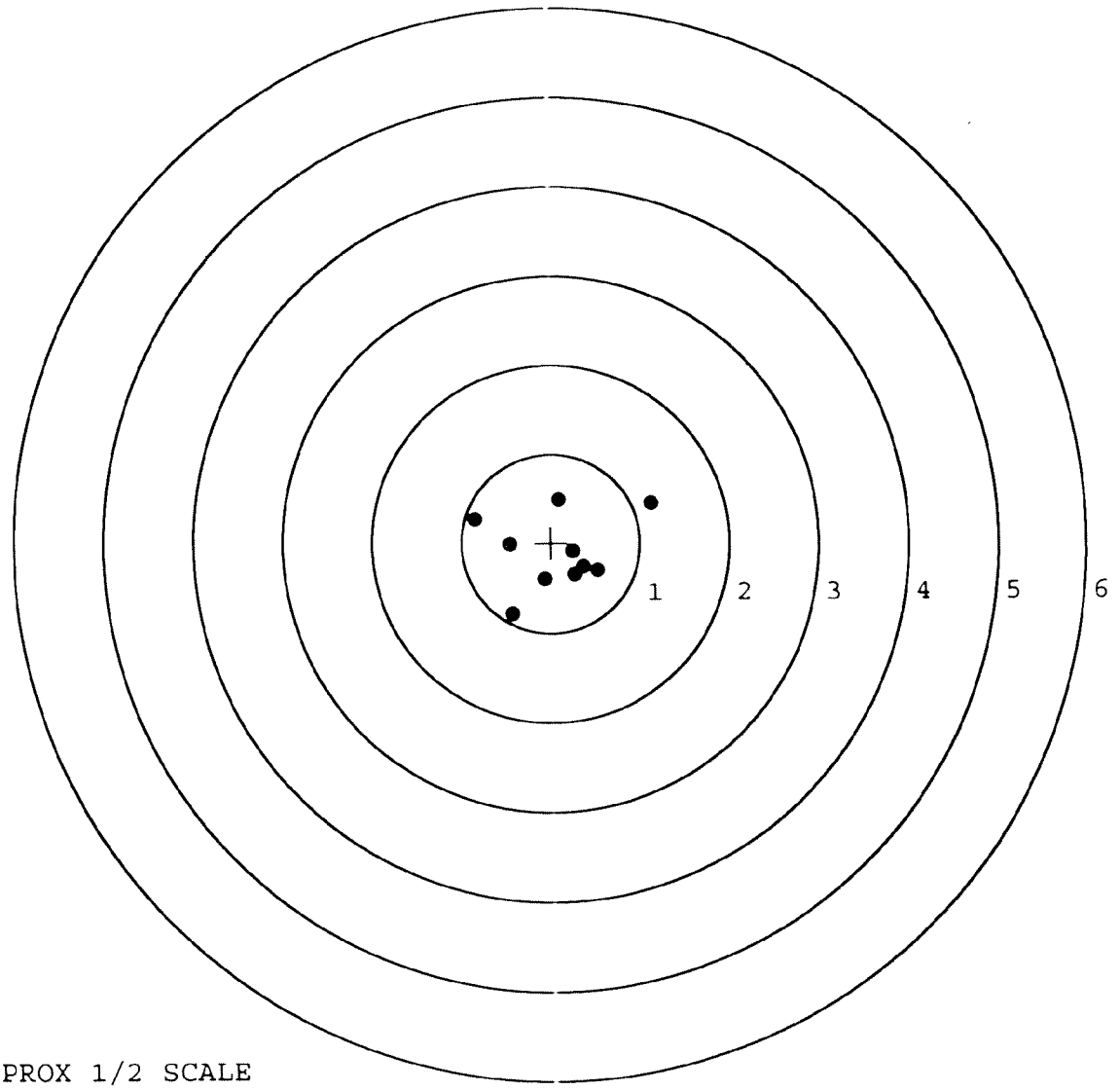


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523301.__0
TARGET NUMBER: 3
FILE DATE: 09/05/2008
FILE TIME: 13:47

X CENTROID:	0.079
Y CENTROID:	-0.106
POA TO CENTROID:	0.132
HORZ SPREAD:	1.980
VERT SPREAD:	1.273
GROUP SPREAD:	1.991
MIN RADIUS:	0.166
MAX RADIUS:	1.183
MEAN RADIUS:	0.582
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.852	0.272
2:	-0.461	-0.015
3:	-0.435	-0.792
4:	-0.077	-0.407
5:	0.245	-0.099
6:	0.365	-0.270
7:	1.128	0.441
8:	0.090	0.481
9:	0.525	-0.311
10:	0.266	-0.356

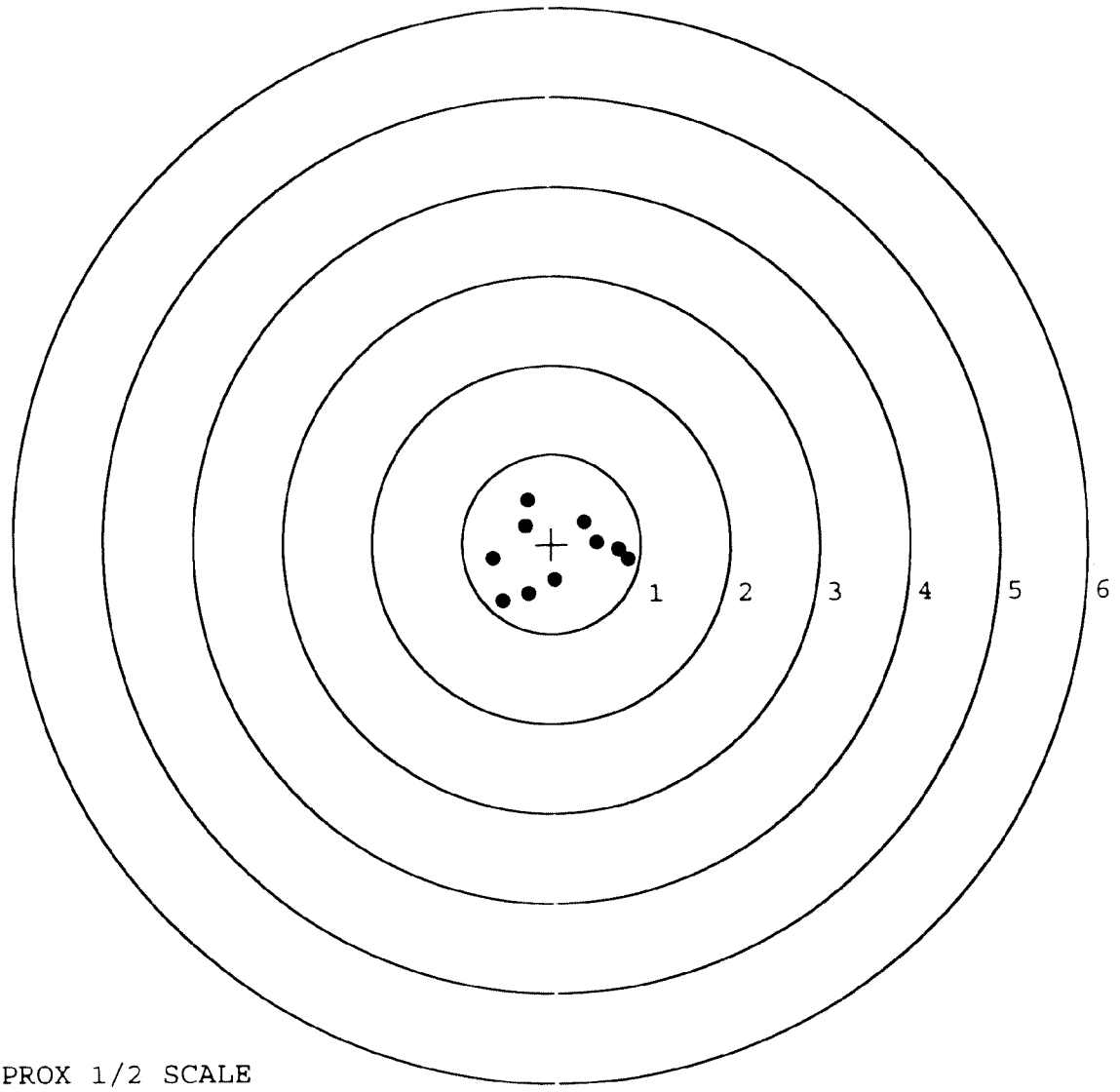


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523301.__0
TARGET NUMBER: 4
FILE DATE: 09/05/2008
FILE TIME: 13:47

X CENTROID:	0.050
Y CENTROID:	-0.104
POA TO CENTROID:	0.115
HORZ SPREAD:	1.517
VERT SPREAD:	1.124
GROUP SPREAD:	1.517
MIN RADIUS:	0.296
MAX RADIUS:	0.811
MEAN RADIUS:	0.595
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.858	-0.177
2:	0.748	-0.063
3:	0.513	0.017
4:	0.370	0.244
5:	-0.263	0.488
6:	-0.292	0.204
7:	-0.659	-0.160
8:	-0.548	-0.636
9:	-0.261	-0.557
10:	0.034	-0.400

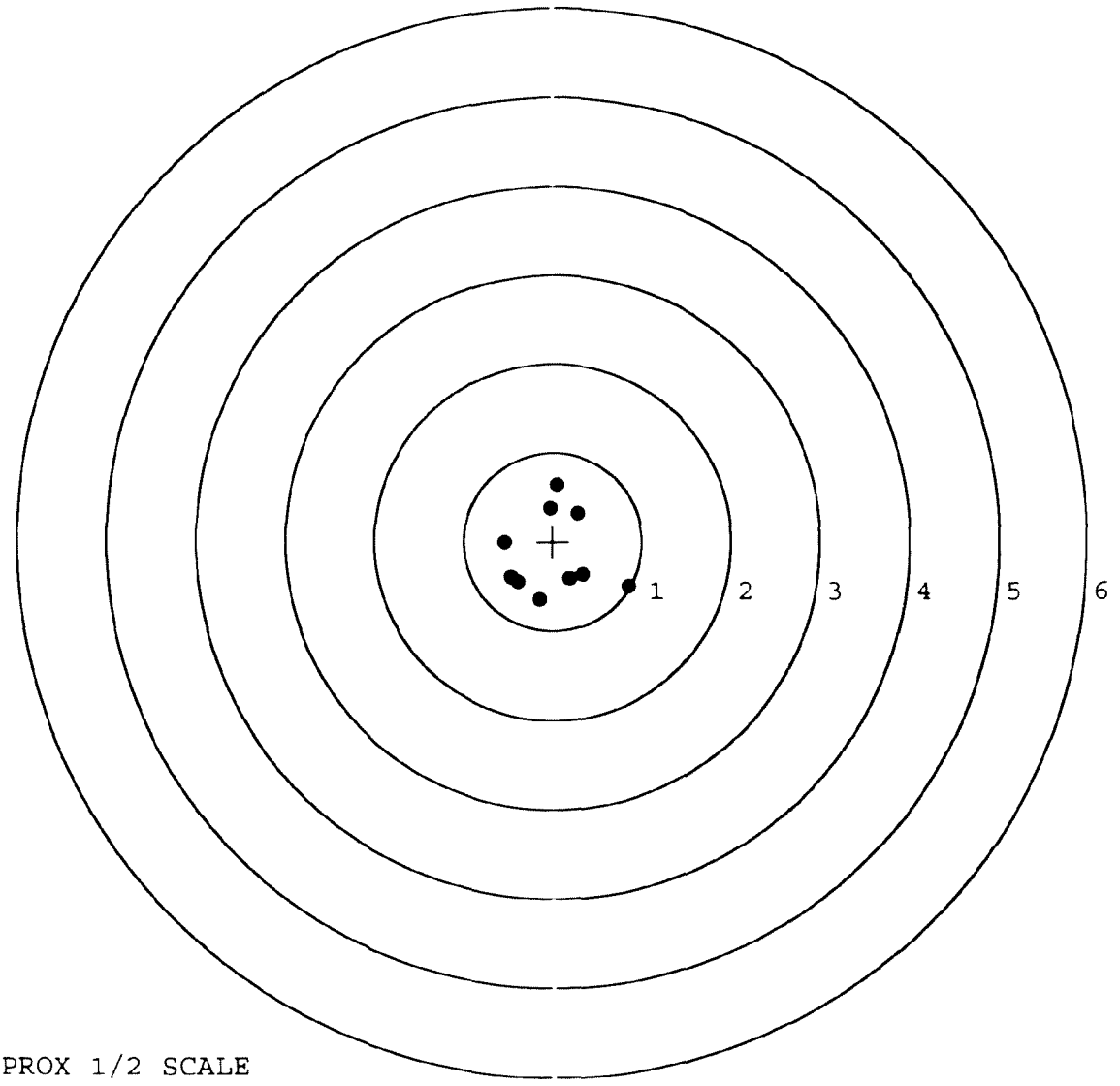


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523301.__0
TARGET NUMBER: 5
FILE DATE: 09/05/2008
FILE TIME: 13:47

X CENTROID:	0.010
Y CENTROID:	-0.151
POA TO CENTROID:	0.152
HORZ SPREAD:	1.392
VERT SPREAD:	1.288
GROUP SPREAD:	1.477
MIN RADIUS:	0.328
MAX RADIUS:	0.911
MEAN RADIUS:	0.563
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.852	-0.501
2:	0.334	-0.374
3:	0.191	-0.425
4:	-0.155	-0.659
5:	-0.396	-0.459
6:	-0.477	-0.397
7:	-0.540	-0.008
8:	0.278	0.310
9:	-0.035	0.371
10:	0.051	0.629



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTIN
SCOPE 90-0594

ORDER R 94-18712

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/14/94	06/15/94		C6523301		700 7.62 NATO

ACCESSORIES: HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP

FROM:

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

SHIP TO:

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

CUST NO: 098397 C.O.D

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

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

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

Trigger Assy	$173.71
Scope Rep	119.43
Clean/Insp/Prep	50.00
	343.14

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			AC		
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			11/2/95		

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523301
DATE 9-15-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.56	2.19	2.53		MIN. SETTING,
PULL #2	2.44	2.20	2.52		NO AVG. OF 5
PULL #3	2.49	2.16	2.45		READINGS ACCEPT-
PULL #4	2.35	2.13	2.48		ABLE LESS THAN 2#
PULL #5	2.50	2.29	2.44		
TOTAL	12.34	10.97	12.42		
AVG.	2.46	2.19	2.48		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.03		
PULL #2	3.08	2.90		
PULL #3	2.95	2.90		
PULL #4	2.90	2.85		
PULL #5	3.00	3.03		
TOTAL	15.11	14.71		
AVG.	3.02	2.94		

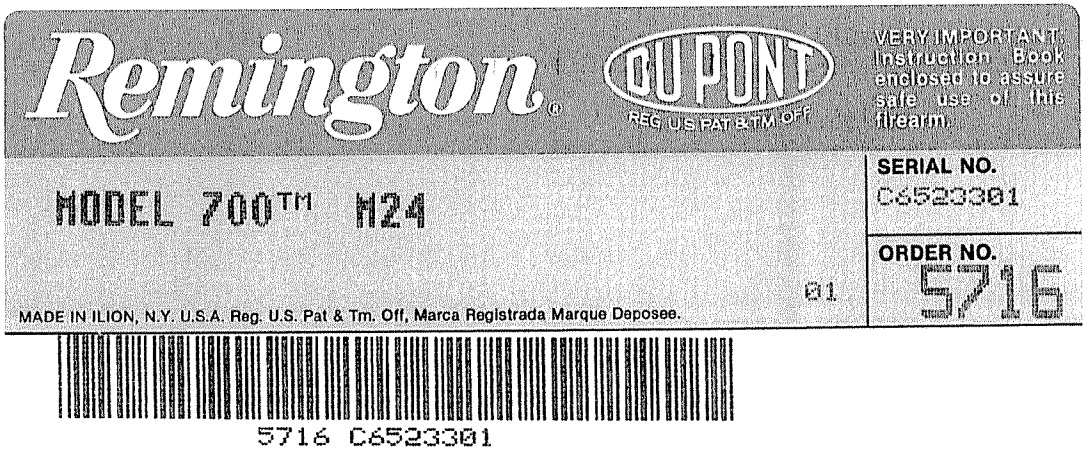
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	3.94	4.02	
PULL #2	3.95	3.95	4.16	
PULL #3	4.00	3.90	4.13	
PULL #4	3.90	4.00	4.10	
PULL #5	4.06	3.90	4.28	
TOTAL	20.03	19.69	20.69	
AVG.	4.00	3.93	4.13	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C652 3301

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			11/27	WB
	G) Safety Off Force	3½	3½	3½			11/27	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.50	2.49	2.54	2.45	2.51	11/27	WB
	C) Function							
660	Pack							



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523301

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/90	[illegible]
600	Proof		1/10/90	[illegible]
607	Check Headspace		1/10/90	[illegible]
610	Dis-assemble Gun		1/10/90	[illegible]
612	Magnaflux Barrel Action		10/3/90	KR
	Magnaflux Bolt		10/3/90	KR
615	Rollmark Caliber		10/3/90	[illegible]
617	Drill and Tap Sight Holes		10/4/90	[illegible]
618	Polish Barrel		10/5/90	[illegible]
620	Apply Coatings (Barrel Action)		10-20-90	[illegible]
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/20/90	[illegible]
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/20/90	[illegible]
	C) Inspect Ejector Hole for Chamfer		10/20/90	[illegible]
	D) Oil Firing Pin Ass'y		10/20/90	[illegible]
	E) Adjust Trigger Pull to Min Setting and Stake		10-24-90	DH

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	4½ : 4½ : 4½	10/24/90	WB
	G) Safety Off Force	2 : 2 : 2	10/24/90	WB
	H) Trigger Pull Test & Retainability		10-24-90	DH
	I) Firing Pin Indent	.021 : .021 : .0215	10/24/90	WB
	J) Assemble Stock		10/25/90	KA
	K) Assemble Swivel Studs		11-28-90	GS
	L) Attach Front and Rear Sight Assemblies		10/25/90	KA
	M) Iron Sight Alignment		10/25/90	KA
	N) Detach Front & Rear Sights & place in numbered container		10/25/90	KA
	O) Attach Scope to Rifle		10/25/90	KA
	P) Detach & Attach Scope 20 Times		10/25/90	KA
640	Gallery Target & Test		10/26/90	KT
	A) Time		"	KT
	B) Malfunctions		"	KT
	C) Pierced Primers		"	KT
	D) Optical Clearity of Scope		"	KT
645	Inspect for Live Ammo		10/26/90	KT
655	Final Inspection A) Headspace		11-28-90	GS
	B) Trigger Pull	2-3/2 : 2-4/3 : 2-3/2 : 2-4/2 : 2-4	11-28-90	GS
	C) Function		11-28-90	GS
660	Pack		12-17-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523301

DATE 10/23/90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.42	2.47	2.32	MIN. SETTING,
PULL #2	2.35	2.38	2.51	2.43	NO AVG. OF 5
PULL #3	2.22	2.29	2.33	2.32	READINGS ACCEPT-
PULL #4	2.17	2.30	2.43	2.42	ABLE LESS THAN 2#
PULL #5	2.12	2.25	2.54	2.41	
TOTAL	11.1	11.64	12.28		
AVG.	2.22	2.328	2.45		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.01	3.21		
PULL #2	3.05	3.24		
PULL #3	3.08	3.25		
PULL #4	3.06	3.15		
PULL #5	3.09	3.17		
TOTAL	15.29	16.02		
AVG.	3.05	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.35		4.38
PULL #2	4.31	4.22		4.22
PULL #3	4.26	4.15		4.11
PULL #4	4.20	4.29		4.28
PULL #5	4.26	4.29		4.17
TOTAL	21.29	21.20		20.86
AVG.	4.25	4.24		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523301
28 Nov 1990

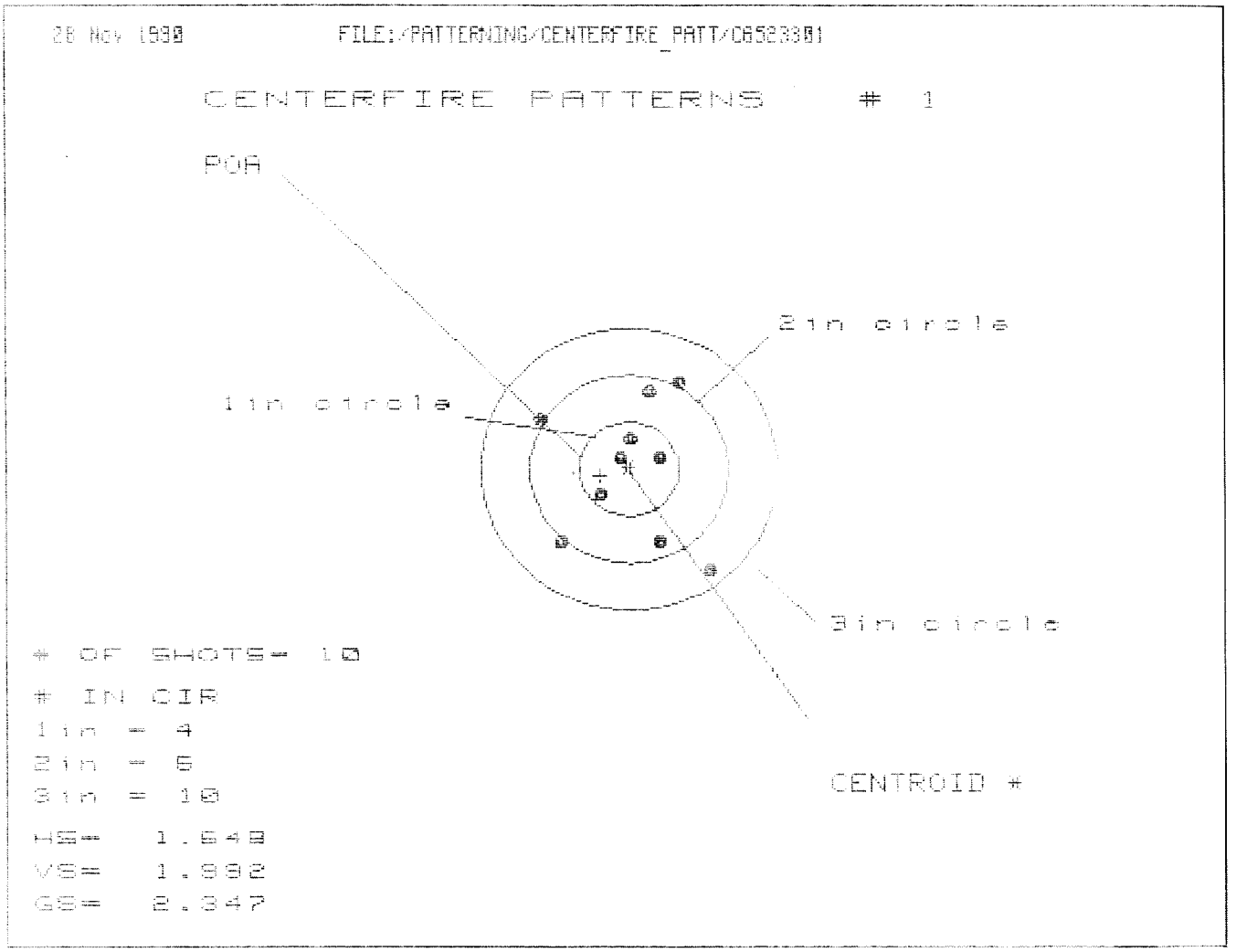
CENTROIDAL DISTANCES

0	TO	1	.300508
1	TO	2	.270098
1	TO	3	.208828
1	TO	4	.192213
1	TO	5	.299488

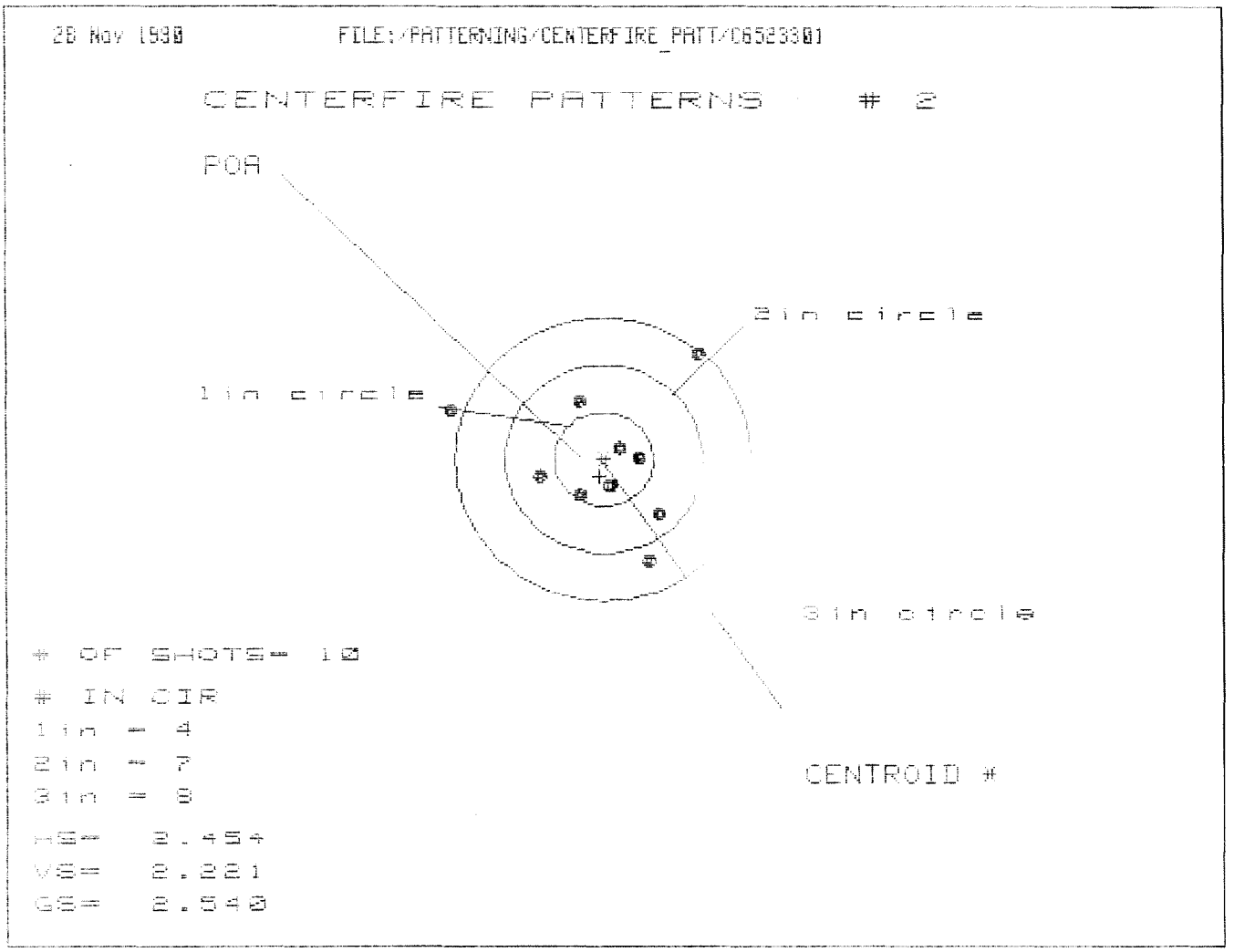
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2274
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .101
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .240821

THE AMP FOR THIS RIFLE IS: .7934



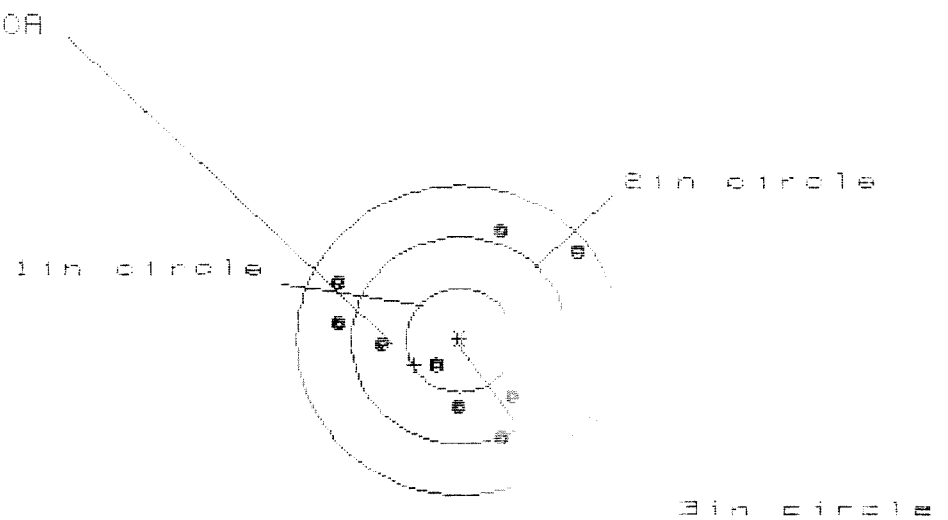
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.770	.564	.403
MINIMUM X	:	-.877	-.792	-.873
MAXIMUM Y	:	.880	.756	.641
MINIMUM Y	:	-1.112	-.921	-1.014
CENTROID X	:	.292	.207	.298
CENTROID Y	:	.071	.195	.310
POA TO CENTROID in.	:	.301	.284	.423
MIN RADIUS	:	.202	.056	.139
MEAN RADIUS	:	.751	.656	.582
MAX RADIUS	:	1.353	1.128	1.065
HORIZONTAL SPREAD	:	1.648	1.356	1.356
VERTICAL SPREAD	:	1.992	1.677	1.655
EXTREME SPREAD	:	2.347	2.071	1.785
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.949	.781	.486
MINIMUM X	:	-1.505	-.823	-.725
MAXIMUM Y	:	1.164	1.225	.848
MINIMUM Y	:	-1.057	-.996	-.843
CENTROID X	:	.044	.212	.114
CENTROID Y	:	.178	.117	-.036
POA TO CENTROID in.	:	.183	.242	.119
MIN RADIUS	:	.188	.161	.077
MEAN RADIUS	:	.771	.653	.535
MAX RADIUS	:	1.601	1.453	.932
HORIZONTAL SPREAD	:	2.454	1.604	1.211
VERTICAL SPREAD	:	2.221	2.221	1.691
EXTREME SPREAD	:	2.540	2.273	1.824
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

28 Nov 1990 FILE:/PATTERNING/CENTERFIRE_PATT/08523301

CENTERFIRE PATTERNS # 3

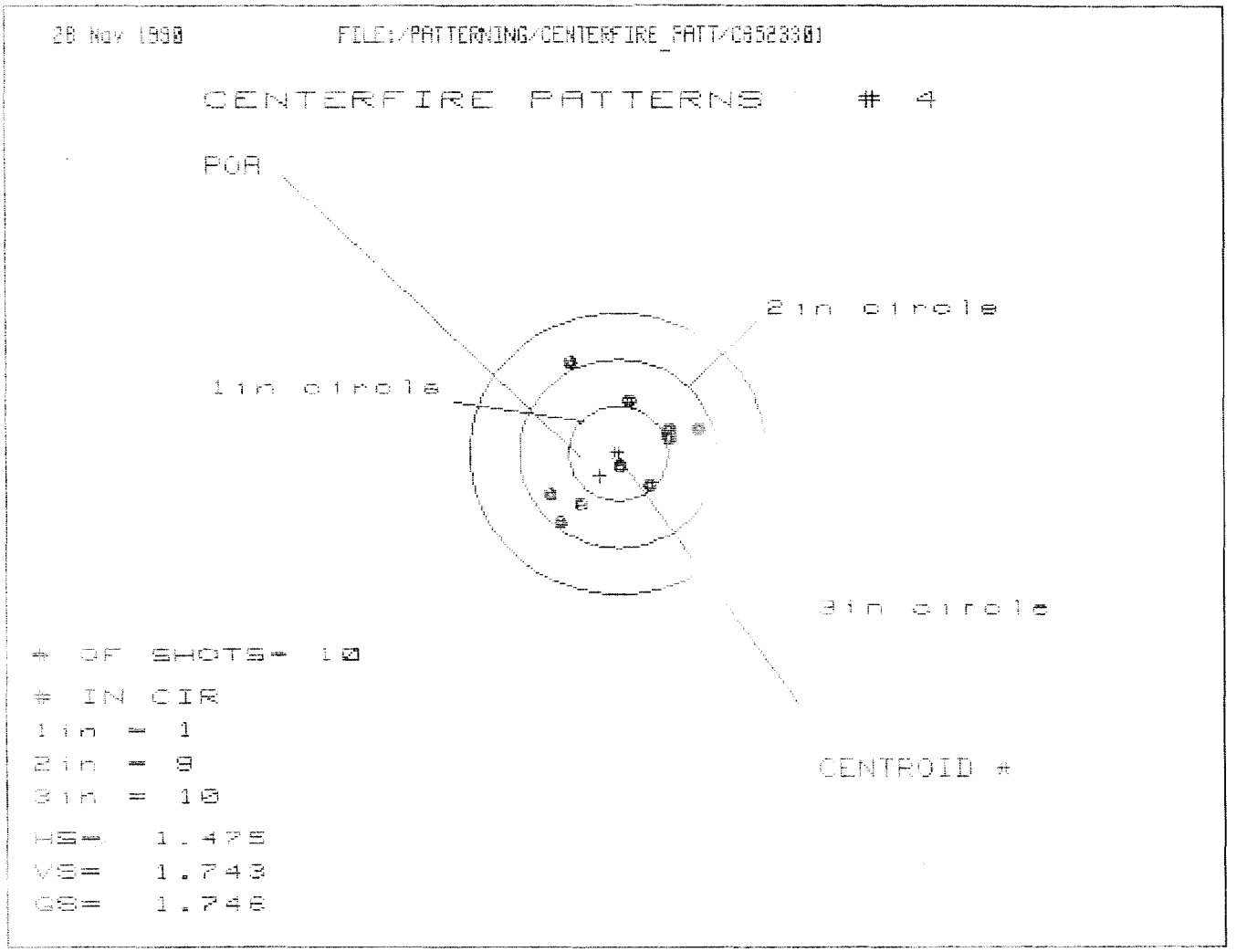


OF SHOTS= 10

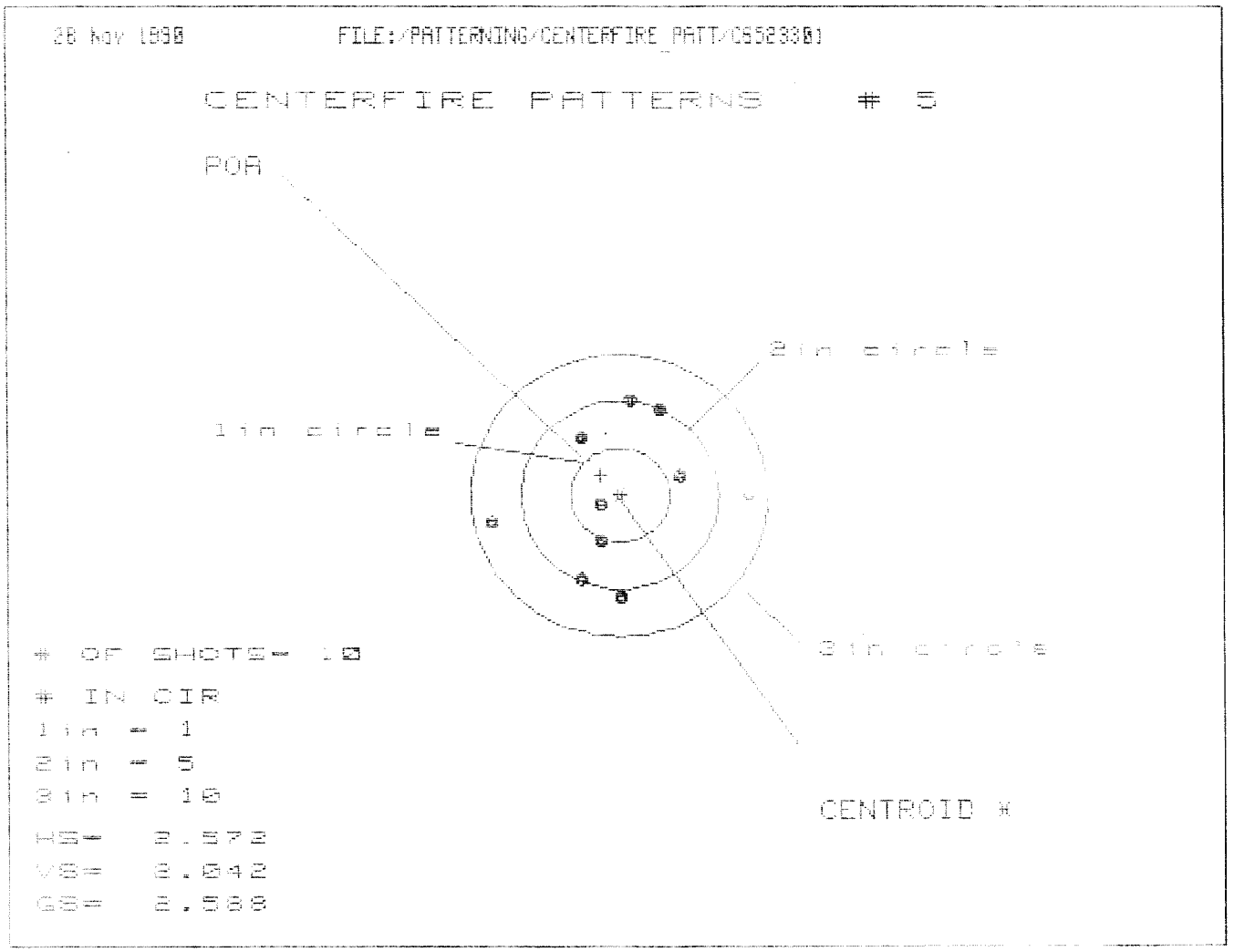
# IN CIR	
1in	= 1
2in	= 6
3in	= 10

HS= 2.148
VS= 1.928
GS= 2.220

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.046	.997	.874
MINIMUM X	:	-1.102	-.986	-1.078
MAXIMUM Y	:	1.021	1.118	1.198
MINIMUM Y	:	-.907	-.810	-.730
CENTROID X	:	.420	.304	.427
CENTROID Y	:	.236	.139	.059
POA TO CENTROID in.	:	.482	.334	.431
MIN RADIUS	:	.315	.164	.238
MEAN RADIUS	:	.911	.830	.770
MAX RADIUS	:	1.360	1.232	1.262
HORIZONTAL SPREAD	:	2.148	1.983	1.952
VERTICAL SPREAD	:	1.928	1.928	1.928
EXTREME SPREAD	:	2.220	2.176	2.027
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.776	.723	.643
MINIMUM X	:	-.699	-.752	-.882
MAXIMUM Y	:	.966	.651	.567
MINIMUM Y	:	-.777	-.670	-.533
CENTROID X	:	.187	.240	.320
CENTROID Y	:	.232	.125	.209
POA TO CENTROID in.	:	.299	.271	.382
MIN RADIUS	:	.113	.059	.164
MEAN RADIUS	:	.659	.596	.546
MAX RADIUS	:	1.077	.925	.900
HORIZONTAL SPREAD	:	1.475	1.475	1.475
VERTICAL SPREAD	:	1.743	1.321	1.100
EXTREME SPREAD	:	1.746	1.717	1.615
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.308	.724	.584
MINIMUM X	:	-1.264	-1.119	-.423
MAXIMUM Y	:	.984	.988	.956
MINIMUM Y	:	-1.058	-1.054	-1.086
CENTROID X	:	.194	.049	.189
CENTROID Y	:	-.212	-.216	-.184
POA TO CENTROID in.	:	.287	.221	.264
MIN RADIUS	:	.228	.108	.235
MEAN RADIUS	:	.875	.810	.770
MAX RADIUS	:	1.308	1.146	1.086
HORIZONTAL SPREAD	:	2.572	1.843	1.007
VERTICAL SPREAD	:	2.042	2.042	2.042
EXTREME SPREAD	:	2.588	2.049	2.049
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	