C6587747

MODEL 700™ M24

Model SWS ™

Action

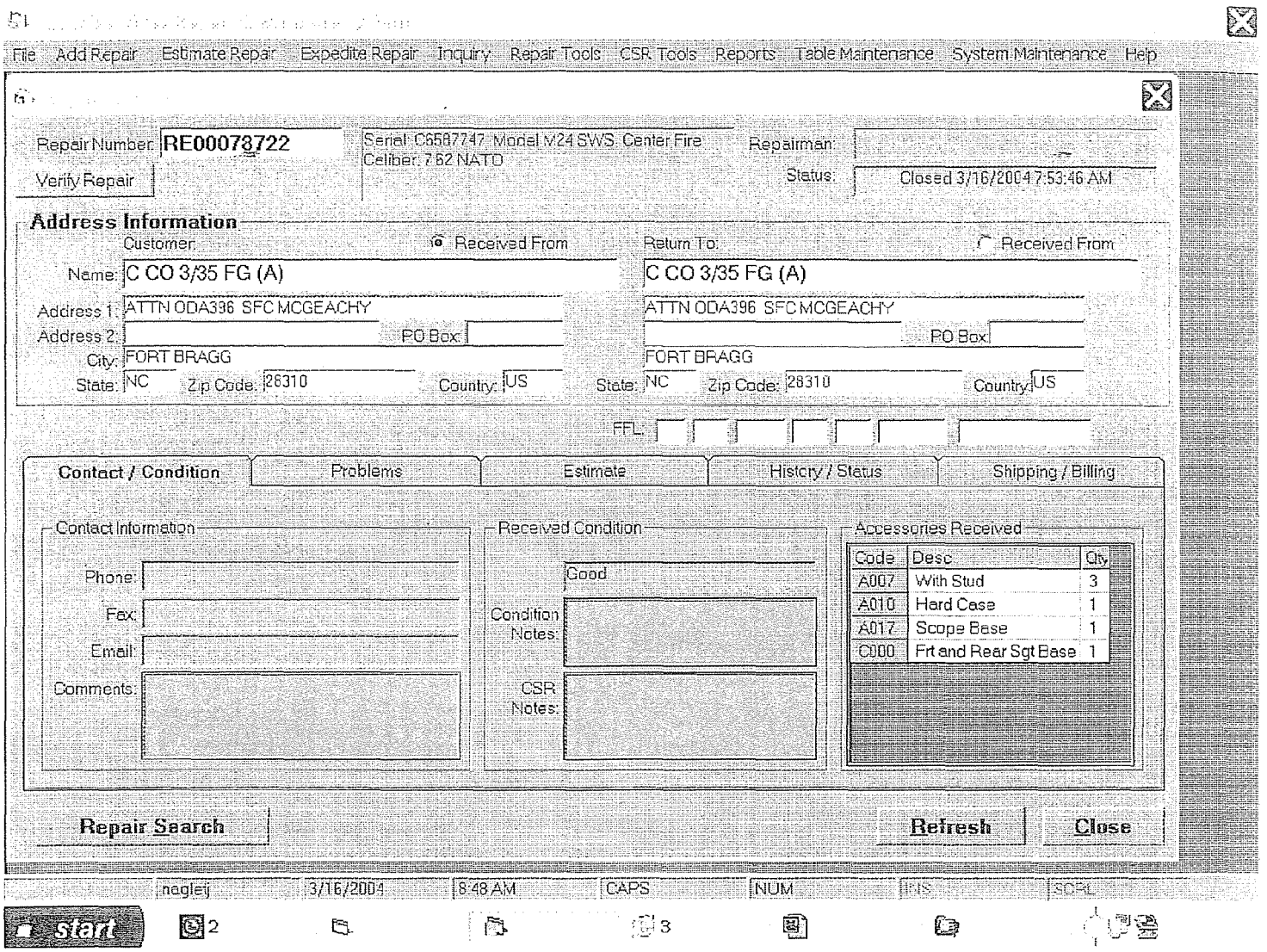
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6587747

Model: M24 SWS

RE00078722

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587747.__0
FILE DATE AND TIME: 04/13/2004 07:50

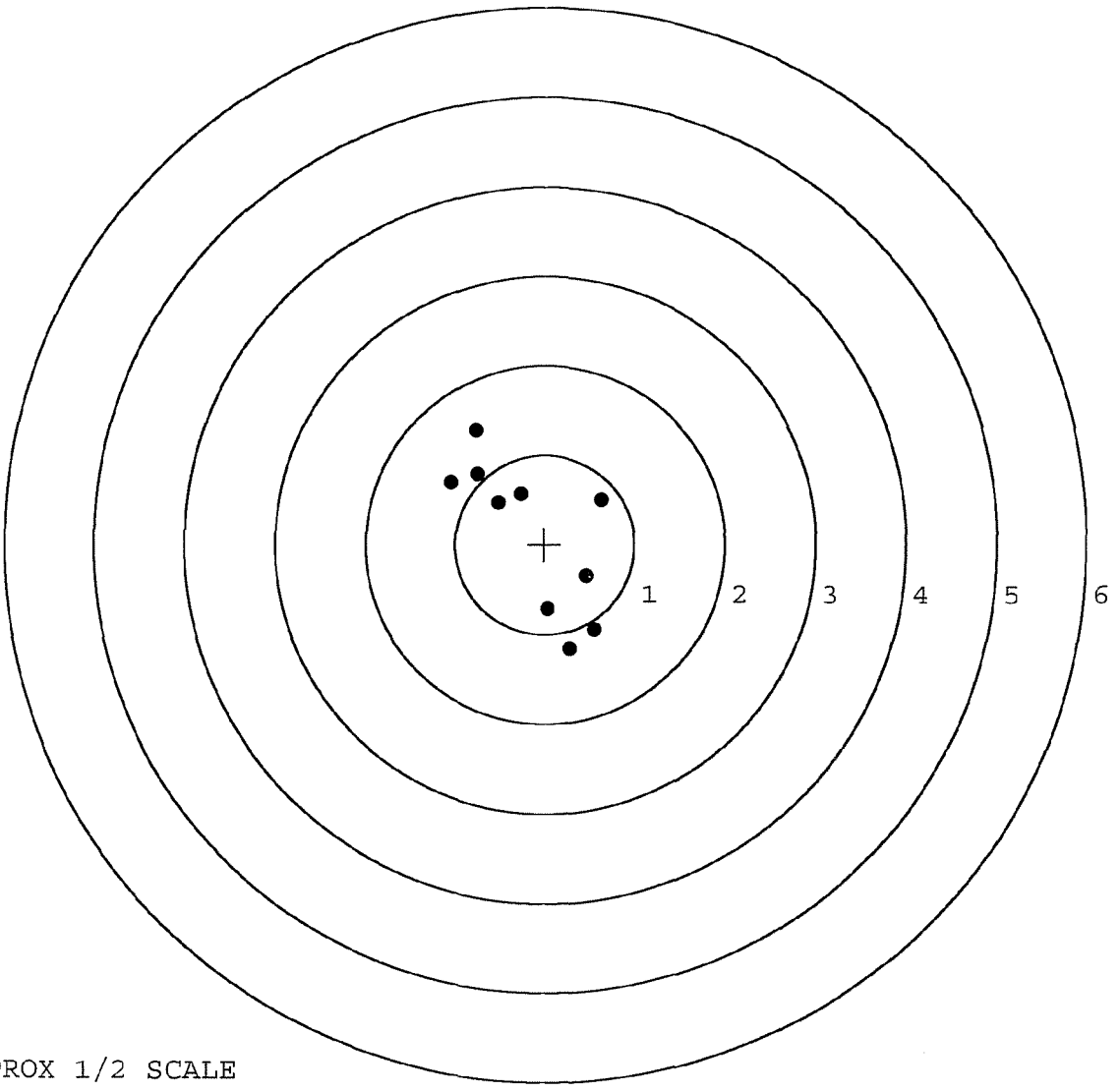
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.094
The Average Y Centroid of the Five Target Set:	-0.096
The Average Point of Impact of the Five Target Set:	0.134
The Average Mean Radius of the Five Target Set:	0.777
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.338
The Distance from Centroid Target #3 to Centroid Target #1:	0.163
The Distance from Centroid Target #4 to Centroid Target #1:	0.360
The Distance from Centroid Target #5 to Centroid Target #1:	0.300

SERIAL NUMBER: C6587747.__0
TARGET NUMBER: 1
FILE DATE: 04/13/2004
FILE TIME: 07:50

X CENTROID:	-0.138
Y CENTROID:	0.110
POA TO CENTROID:	0.176
HORZ SPREAD:	1.678
VERT SPREAD:	2.441
GROUP SPREAD:	2.660
MIN RADIUS:	0.471
MAX RADIUS:	1.344
MEAN RADIUS:	0.940
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.290	-1.164
2:	0.558	-0.949
3:	0.036	-0.722
4:	0.470	-0.352
5:	0.629	0.500
6:	-0.522	0.471
7:	-1.049	0.689
8:	-0.754	0.788
9:	-0.767	1.277
10:	-0.267	0.563

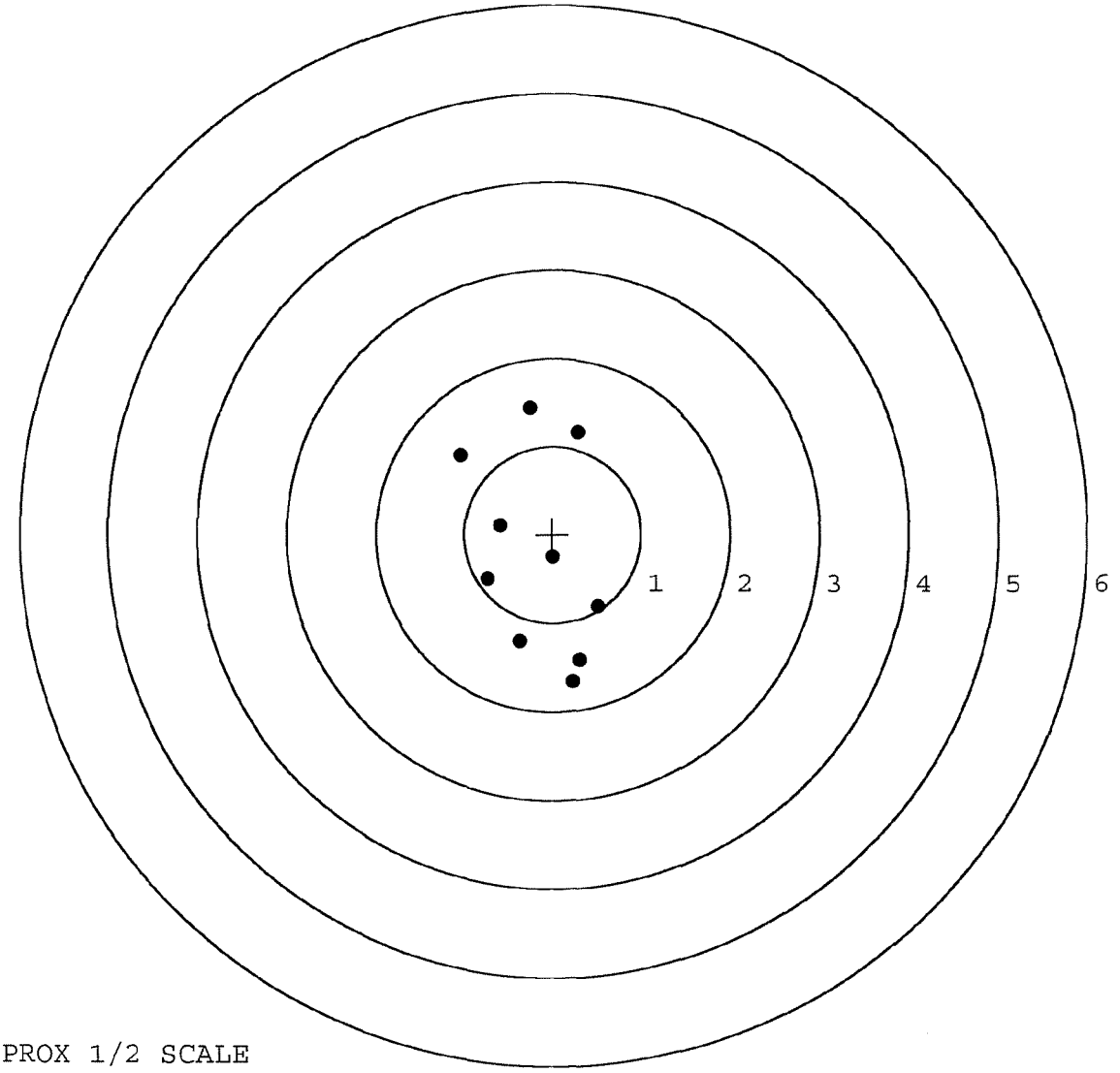


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747.__0
TARGET NUMBER: 2
FILE DATE: 04/13/2004
FILE TIME: 07:50

X CENTROID:	-0.164
Y CENTROID:	-0.227
POA TO CENTROID:	0.280
HORZ SPREAD:	1.559
VERT SPREAD:	3.099
GROUP SPREAD:	3.140
MIN RADIUS:	0.167
MAX RADIUS:	1.668
MEAN RADIUS:	1.057
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.314	-1.416
2:	0.238	-1.661
3:	0.000	-0.258
4:	-0.734	-0.506
5:	0.291	1.166
6:	-0.265	1.438
7:	-1.040	0.895
8:	-0.591	0.100
9:	0.519	-0.817
10:	-0.371	-1.210

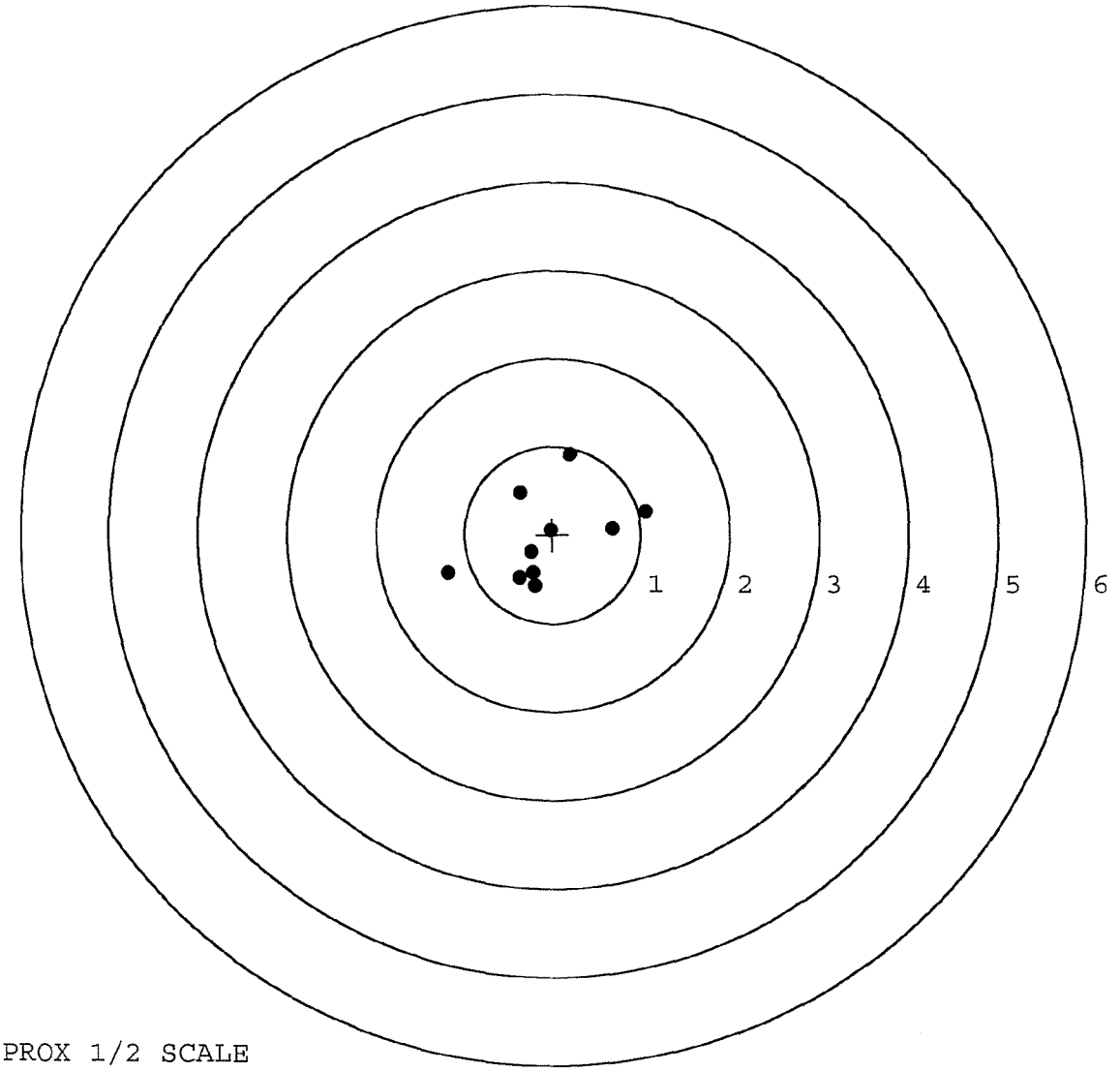


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747.__0
TARGET NUMBER: 3
FILE DATE: 04/13/2004
FILE TIME: 07:50

X CENTROID:	-0.069
Y CENTROID:	-0.038
POA TO CENTROID:	0.079
HORZ SPREAD:	2.238
VERT SPREAD:	1.497
GROUP SPREAD:	2.346
MIN RADIUS:	0.101
MAX RADIUS:	1.187
MEAN RADIUS:	0.657
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.051	0.266
2:	0.684	0.072
3:	-0.021	0.051
4:	-0.369	0.472
5:	-1.187	-0.437
6:	0.200	0.912
7:	-0.245	-0.206
8:	-0.379	-0.487
9:	-0.201	-0.585
10:	-0.222	-0.436

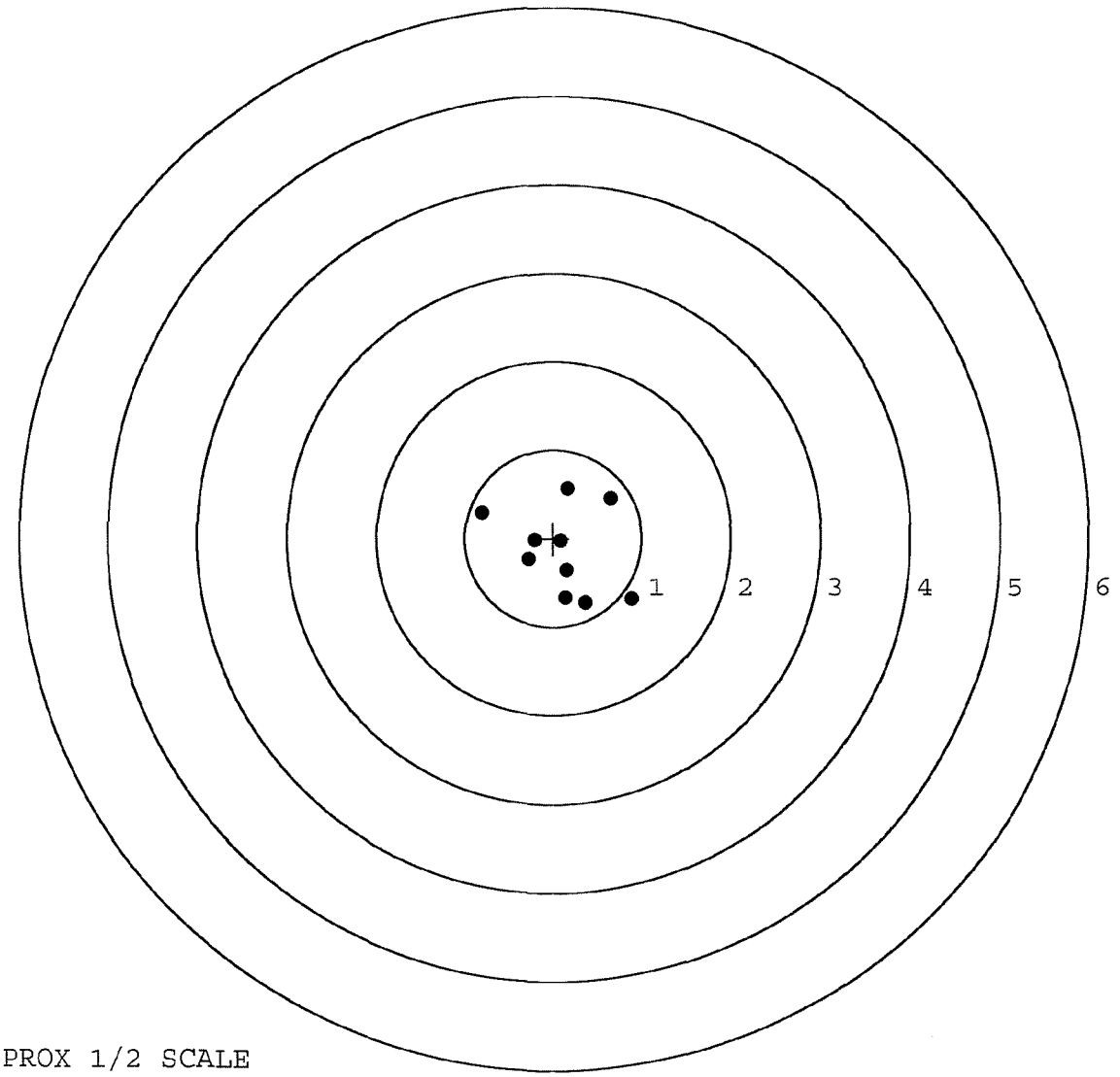


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747.__0
TARGET NUMBER: 4
FILE DATE: 04/13/2004
FILE TIME: 07:50

X CENTROID:	0.117
Y CENTROID:	-0.145
POA TO CENTROID:	0.186
HORZ SPREAD:	1.694
VERT SPREAD:	1.297
GROUP SPREAD:	1.955
MIN RADIUS:	0.120
MAX RADIUS:	1.021
MEAN RADIUS:	0.574
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.887	-0.687
2:	0.370	-0.731
3:	0.145	-0.678
4:	0.652	0.448
5:	0.164	0.566
6:	-0.807	0.289
7:	0.154	-0.361
8:	0.087	-0.028
9:	-0.207	-0.025
10:	-0.277	-0.240

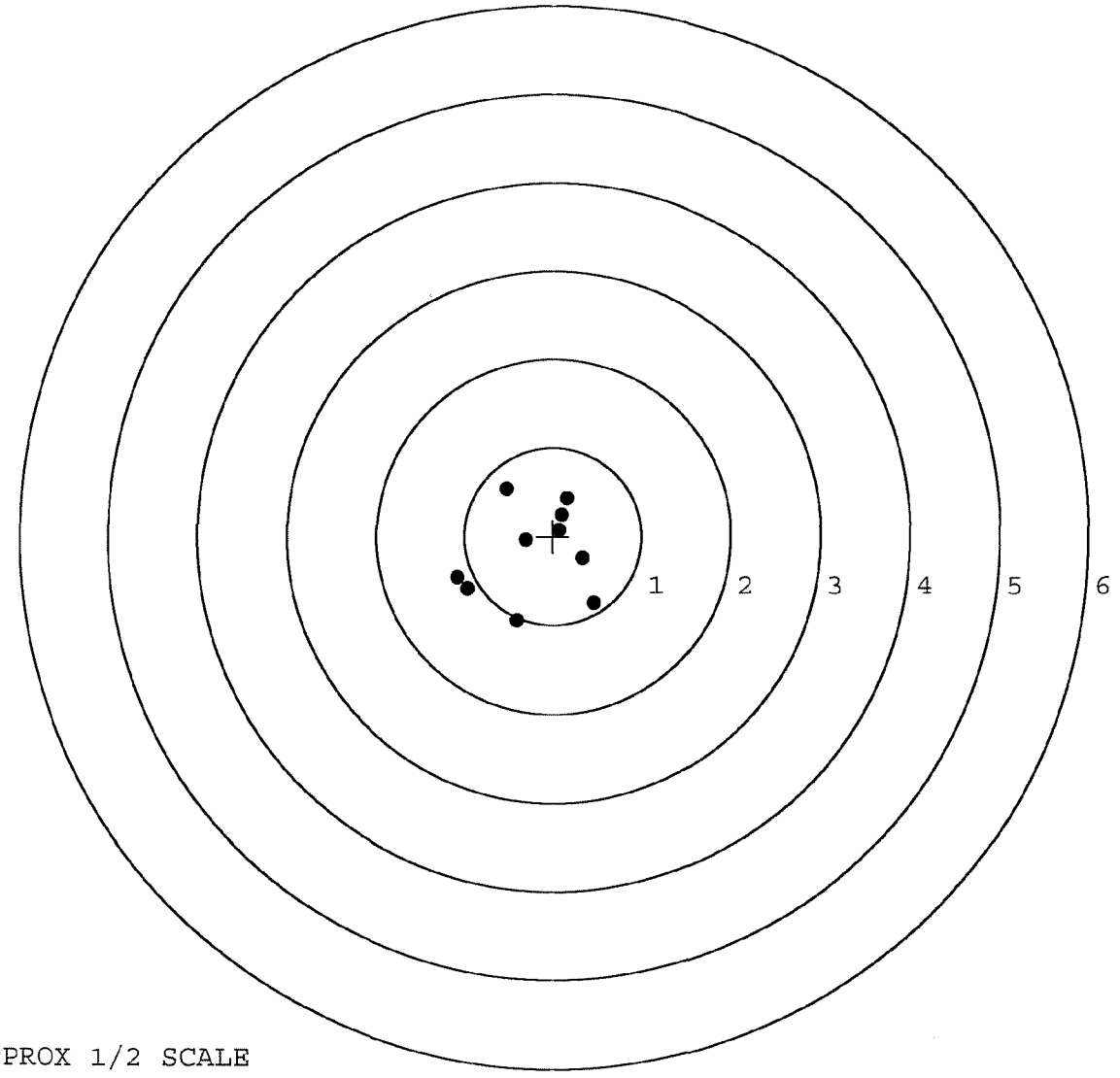


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587747.__0
TARGET NUMBER: 5
FILE DATE: 04/13/2004
FILE TIME: 07:50

X CENTROID:	-0.218
Y CENTROID:	-0.179
POA TO CENTROID:	0.282
HORZ SPREAD:	1.545
VERT SPREAD:	1.493
GROUP SPREAD:	1.572
MIN RADIUS:	0.164
MAX RADIUS:	0.911
MEAN RADIUS:	0.659
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.464	-0.758
2:	-0.407	-0.954
3:	-0.969	-0.596
4:	-1.081	-0.468
5:	0.334	-0.253
6:	-0.309	-0.042
7:	-0.528	0.539
8:	0.157	0.430
9:	0.095	0.244
10:	0.067	0.072



TARGET APPROX 1/2 SCALE

R & E NUMBER	78722		
SERIAL NUMBER	C6587747		
LOG-IN DATE	3-16-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-17-04	RTL
560 A	RE-BARREL	3-22-04	RTL
B	DRILL AND TAP	3-23-04	TRW
575	ASSEMBLE	3-22-04	RTL
600	PROOF	3-22-04	RTL
605	CHECK HEADSPACE	3-22-04	RTL
610	DIS-ASSEMBLE GUN	3-22-04	RTL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	3-22-04	RTL
618	ROTO-BLAST	3/23/2004	Dave
620	APPLY COATINGS	4-3	TA
625 A	FINAL ASSEMBLY	4-7-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-13-04	TRW
655	FINAL INSPECT	4-13-04	RTL
660	PACK	4-13-04	[illegible]
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED

GFM

CONTRACT # DAAA21-87-C-0086 Repair

GUN SERIAL # C6587747 New Barrel

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		2/4/93	RW
600	Proof		2/4/93	RW
607	Check Headspace		2/4/93	RW
610	Dis-assemble Gun		2/4/93	RW
612	Magnaflux Barrel Action		2/5/93	CF
	Magnaflux Bolt		[redacted]	
615	Rollmark Caliber		2/5/93	CF
617	Drill and Tap Sight Holes		2/5/93	BJ
618	Polish Barrel		2/5/93	JT
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/93	RW
	C) Inspect Ejector Hole for Chamfer		2/9/93	RW
	D) Oil Firing Pin Ass'y		2/9/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/9/93	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/9/93	RW
	G) Safety Off Force	3	3	3			2/9/93	RW
	H) Trigger Pull Test & Retainability						2/9/93	RW
	I) Firing Pin Indent	.0205	.020	.0205			2/9/93	RW
	J) Assemble Stock						2/9/93	RW
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						2/9/93	RW
	M) Iron Sight Alignment						2/9/93	RW
	N) Detach Front & Rear Sights & place in numbered container						2/9/93	RW
	O) Attach Scope to Rifle						2/9/93	RW
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						3/2/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clearity of Scope							
645	Inspect for Live Ammo						3/2/93	RW
655	Final Inspection A) Headspace						3/5/93	RW
	B) Trigger Pull	2.46	2.41	2.23	2.41	2.42	3/5/93	RW
	C) Function						3/5/93	RW
660	Pack							

SWS TRIGGER PULL TEST

New Trigger Assy

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

SERIAL NO. C6587747

DATE 2/9/93

TESTER [signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.67	2.11	2.24		MIN. SETTING,
PULL #2	2.41	2.15	2.24		NO AVG. OF 5
PULL #3	2.64	2.12	2.28		READINGS ACCEPT-
PULL #4	2.41	2.12	2.22		ABLE LESS THAN 2#
PULL #5	2.41	2.11	2.23		
TOTAL	12.54	10.61	11.21		
AVG.	2.51	2.12	2.24		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.19		
PULL #2	3.35	3.03		
PULL #3	3.35	3.40		
PULL #4	3.38	3.41		
PULL #5	3.40	3.35		
TOTAL	16.84	16.38		
AVG.	3.37	3.28		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.09		4.25
PULL #2	4.17	4.02		4.17
PULL #3	4.33	4.17		4.27
PULL #4	4.19	4.22		4.11
PULL #5	4.17	4.05		4.21
TOTAL	21.04	20.55		21.01
AVG.	4.21	4.11		4.20

RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 20 OF 30 W/10X SCOPE & DEPLOYMENT KIT M-24

ORDER R 93-02472

INITIAL	CUSTOMER ORDER NO.
FPS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/25/93	01/25/93	EK 10-90	C6587747		700 7-62 NATO

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

FROM:

MCHALE; EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

SHIP TO:

MCHALE; EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO:073985 C.O.D

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

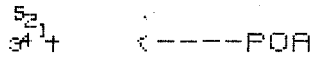
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 1/92

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587747
3 Mar 1993

CENTROIDAL DISTANCES

0	TO	1	.300268
1	TO	2	.258521
1	TO	3	.534581
1	TO	4	.325886
1	TO	5	.495202

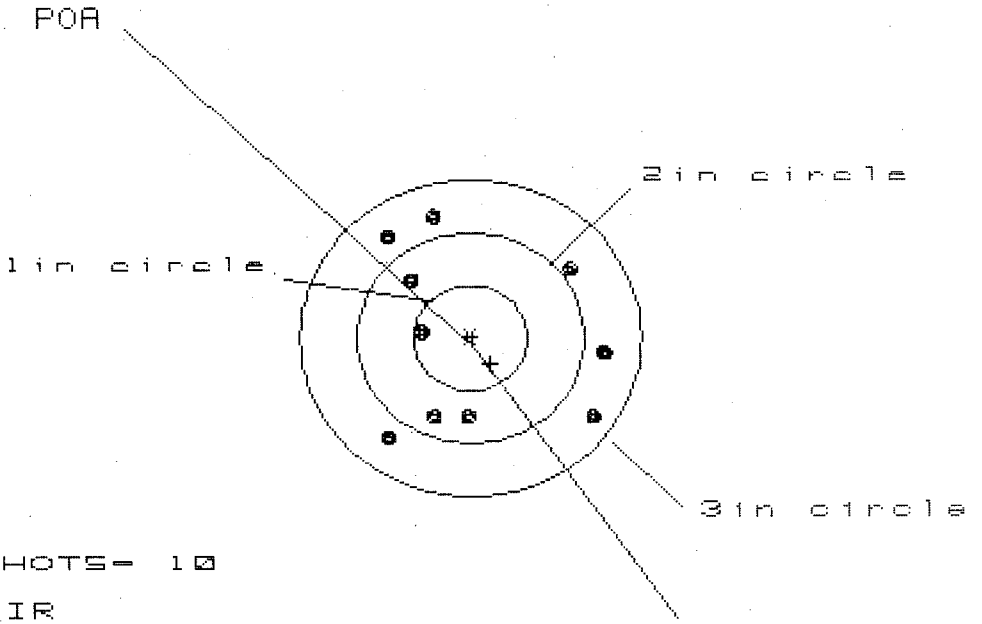


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4384
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .502508

THE AMR FOR THIS RIFLE IS: .7528

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6507747

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

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

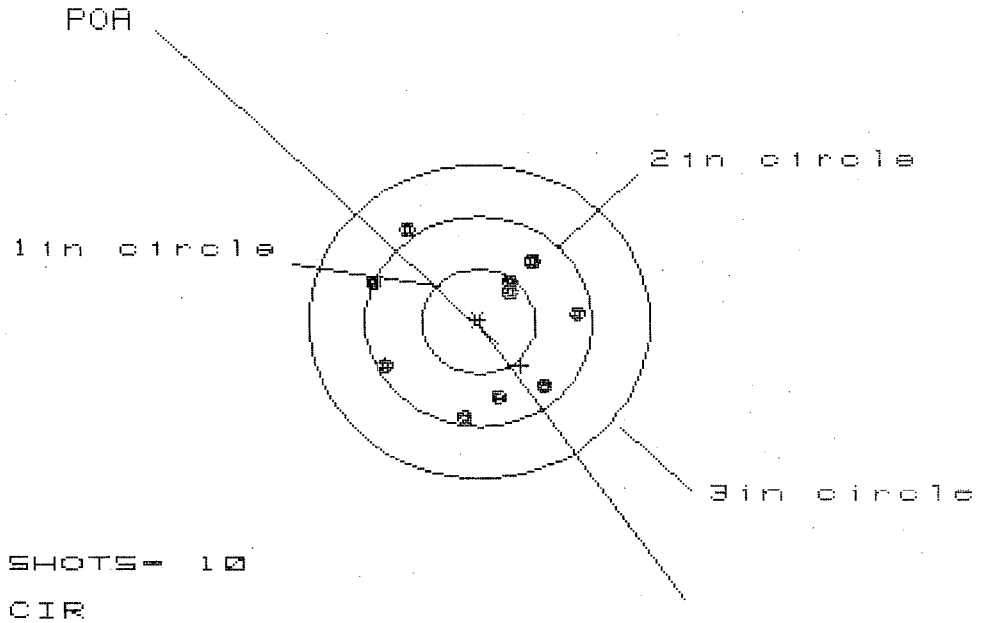
HS= 1.893
VS= 2.091
GS= 2.498

PATTERN # : 1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.146	1.269	1.246
MINIMUM X	:	-.747	-.624	-.647
MAXIMUM Y	:	1.170	1.090	.998
MINIMUM Y	:	-.921	-1.001	-.865
CENTROID X	:	-.175	-.298	-.276
CENTROID Y	:	.244	.324	.188
POA TO CENTROID in.	:	.300	.441	.334
MIN RADIUS	:	.434	.317	.341
MEAN RADIUS	:	.991	.932	.900
MAX RADIUS	:	1.328	1.295	1.252
HORIZONTAL SPREAD	:	1.893	1.893	1.893
VERTICAL SPREAD	:	2.091	2.091	1.863
EXTREME SPREAD	:	2.498	2.228	2.228
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6587747

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

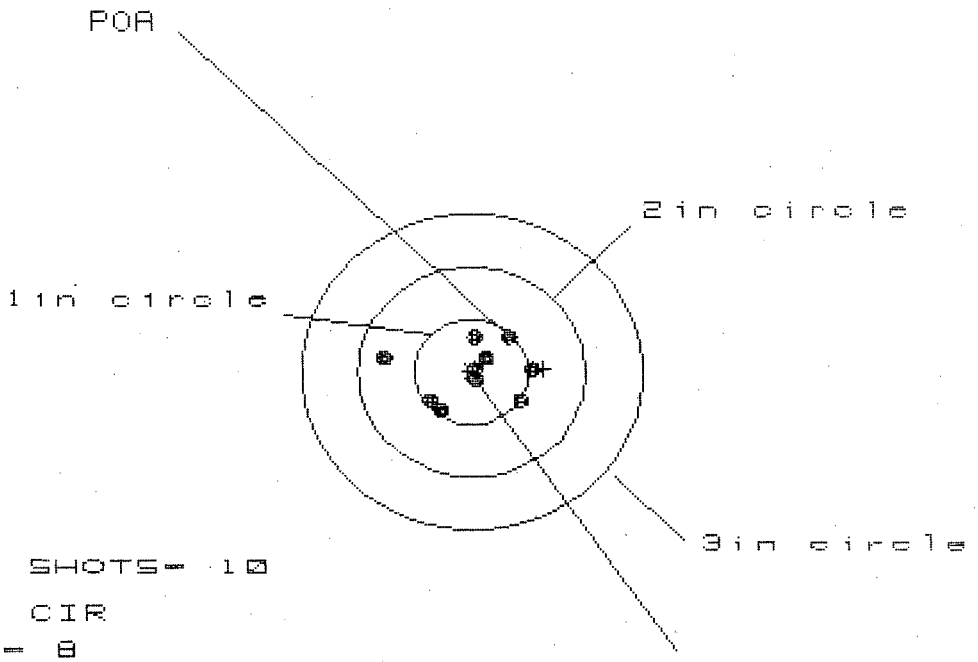
# IN CIR
1in = 2
2in = 8
3in = 10

HS= 1.786
VS= 1.826
GS= 1.908

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.850	.782	.656
MINIMUM X	:	-.936	-1.004	-1.016
MAXIMUM Y	:	.909	.668	.734
MINIMUM Y	:	-.917	-.817	-.751
CENTROID X	:	-.368	-.300	-.174
CENTROID Y	:	.416	.315	.249
POA TO CENTROID in.	:	.555	.434	.304
MIN RADIUS	:	.386	.438	.470
MEAN RADIUS	:	.794	.752	.686
MAX RADIUS	:	1.097	1.134	1.047
HORIZONTAL SPREAD	:	1.786	1.786	1.672
VERTICAL SPREAD	:	1.826	1.485	1.485
EXTREME SPREAD	:	1.908	1.815	1.750
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6587747

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 8

2in = 10

3in = 10

HS= 1.246

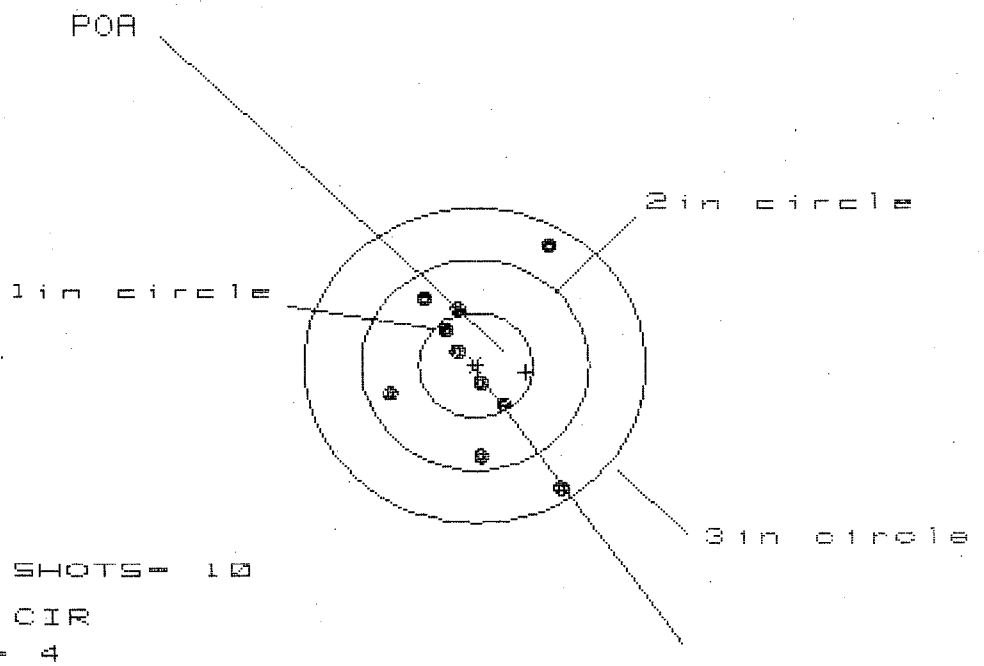
VS= .755

GS= 1.248

PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.487	.403	.352
MINIMUM X	:	-.759	-.436	-.487
MAXIMUM Y	:	.361	.371	.323
MINIMUM Y	:	-.394	-.384	-.300
CENTROID X	:	-.631	-.547	-.496
CENTROID Y	:	-.035	-.045	.003
POA TO CENTROID in.	:	.632	.548	.496
MIN RADIUS	:	.046	.061	.066
MEAN RADIUS	:	.380	.326	.287
MAX RADIUS	:	.765	.556	.572
HORIZONTAL SPREAD	:	1.246	.839	.839
VERTICAL SPREAD	:	.755	.755	.623
EXTREME SPREAD	:	1.248	.949	.886
NUMBER IN ONE INCH CIRCLE	=		8	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6587747

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

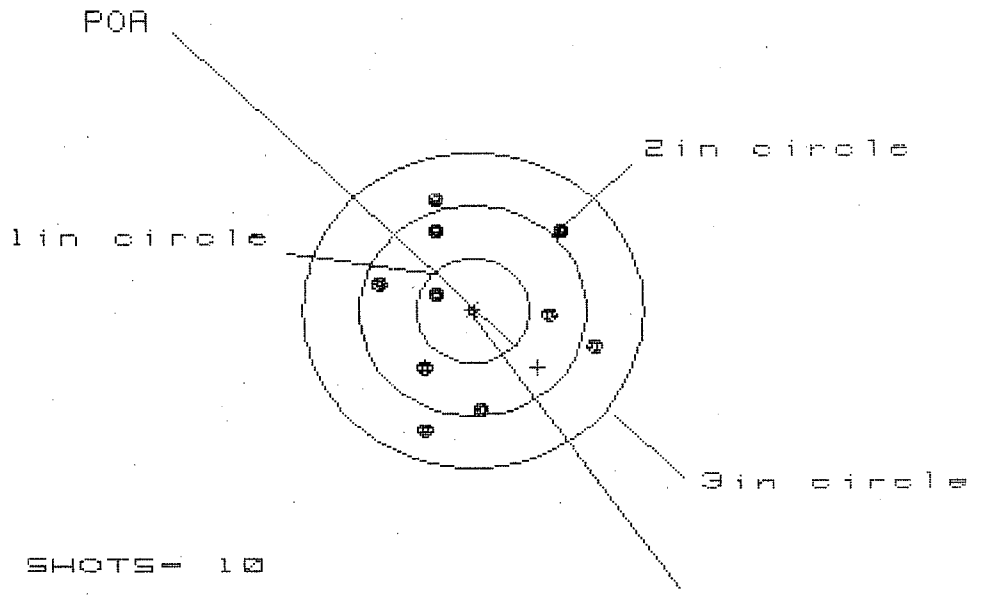
# IN CIR	
1in	= 4
2in	= 8
3in	= 10

HS= 1.504
VS= 2.310
GS= 2.312

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.734	.715	.404
MINIMUM X	:	-.770	-.688	-.599
MAXIMUM Y	:	1.174	1.047	.632
MINIMUM Y	:	-1.136	-1.038	-.907
CENTROID X	:	-.446	-.527	-.617
CENTROID Y	:	.063	.190	.059
POA TO CENTROID in.	:	.450	.560	.619
MIN RADIUS	:	.163	.126	.171
MEAN RADIUS	:	.699	.602	.522
MAX RADIUS	:	1.353	1.268	.924
HORIZONTAL SPREAD	:	1.504	1.403	1.002
VERTICAL SPREAD	:	2.310	2.085	1.539
EXTREME SPREAD	:	2.312	2.177	1.595
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Mar 1993 FILE:/PATTERNING/CENTERFIRE_PATT/C6587747

CENTERFIRE PATTERNS # 5

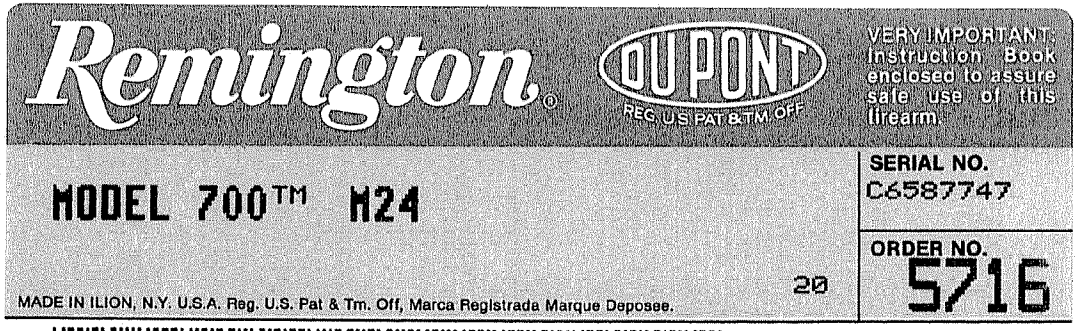


OF SHOTS= 10

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

HS= 1.918
VS= 2.231
GS= 2.331

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.099	1.050	.903
MINIMUM X	:	-.820	-.868	-.737
MAXIMUM Y	:	1.042	.910	.854
MINIMUM Y	:	-1.189	-1.071	-1.127
CENTROID X	:	-.572	-.523	-.654
CENTROID Y	:	.540	.672	.728
POA TO CENTROID in.	:	.786	.851	.978
MIN RADIUS	:	.370	.370	.234
MEAN RADIUS	:	.900	.851	.789
MAX RADIUS	:	1.267	1.140	1.137
HORIZONTAL SPREAD	:	1.918	1.918	1.640
VERTICAL SPREAD	:	2.231	1.981	1.981
EXTREME SPREAD	:	2.331	2.015	2.015
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587747

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	LL
617	Drill and Tap Sight Holes		10/26/90	RB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/29/90	RL

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	~~5 3.75~~	~~5 3.75~~	~~5 3.50~~	11/7/90 11/29/90	WB RJ
	G) Safety Off Force	2	2	2	12/3/90	WB
	H) Trigger Pull Test & Retainability				11/29/90	RJ
	I) Firing Pin Indent	.022	.022	.022	11/29/90	RJ
	J) Assemble Stock				12/5/90	RW
	K) Assemble Swivel Studs				12-7-90	GS
	L) Attach Front and Rear Sight Assemblies				12/5/90	RW
	M) Iron Sight Alignment				12/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container				12/5/90	RW
	O) Attach Scope to Rifle				12/5/90	RW
	P) Detach & Attach Scope 20 Times				12/5/90	RW
640	Gallery Target & Test				12/5/90	MF
	A) Time				"	MF
	B) Malfunctions				"	MF
	C) Pierced Primers				"	MF
	D) Optical Clearity of Scope				"	MF
645	Inspect for Live Ammo				12/5/90	MF
655	Final Inspection A) Headspace				12-7-90	GS
	B) Trigger Pull	245	256 256	269 256	12-7-90	GS
	C) Function				12-7-90	GS
660	Pack				12/19/90	MF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587747
DATE 11-29-90
TESTER RL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.24	2.24	245	MIN. SETTING,
PULL #2	2.26	2.32	2.28	256	NO AVG. OF 5
PULL #3	2.12	2.20	2.30	256	READINGS ACCEPT-
PULL #4	2.38	2.39	2.44	269	ABLE LESS THAN 2#
PULL #5	2.13	2.32	2.27	256	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.19		
PULL #2	3.47	3.14		
PULL #3	3.17	2.20		
PULL #4	3.26	3.45		
PULL #5	3.30	3.18		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.33		4.14
PULL #2	4.27	4.31		4.28
PULL #3	4.29	4.12		4.25
PULL #4	4.25	4.37		4.17
PULL #5	4.26	4.19		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587747
6 Dec 1990

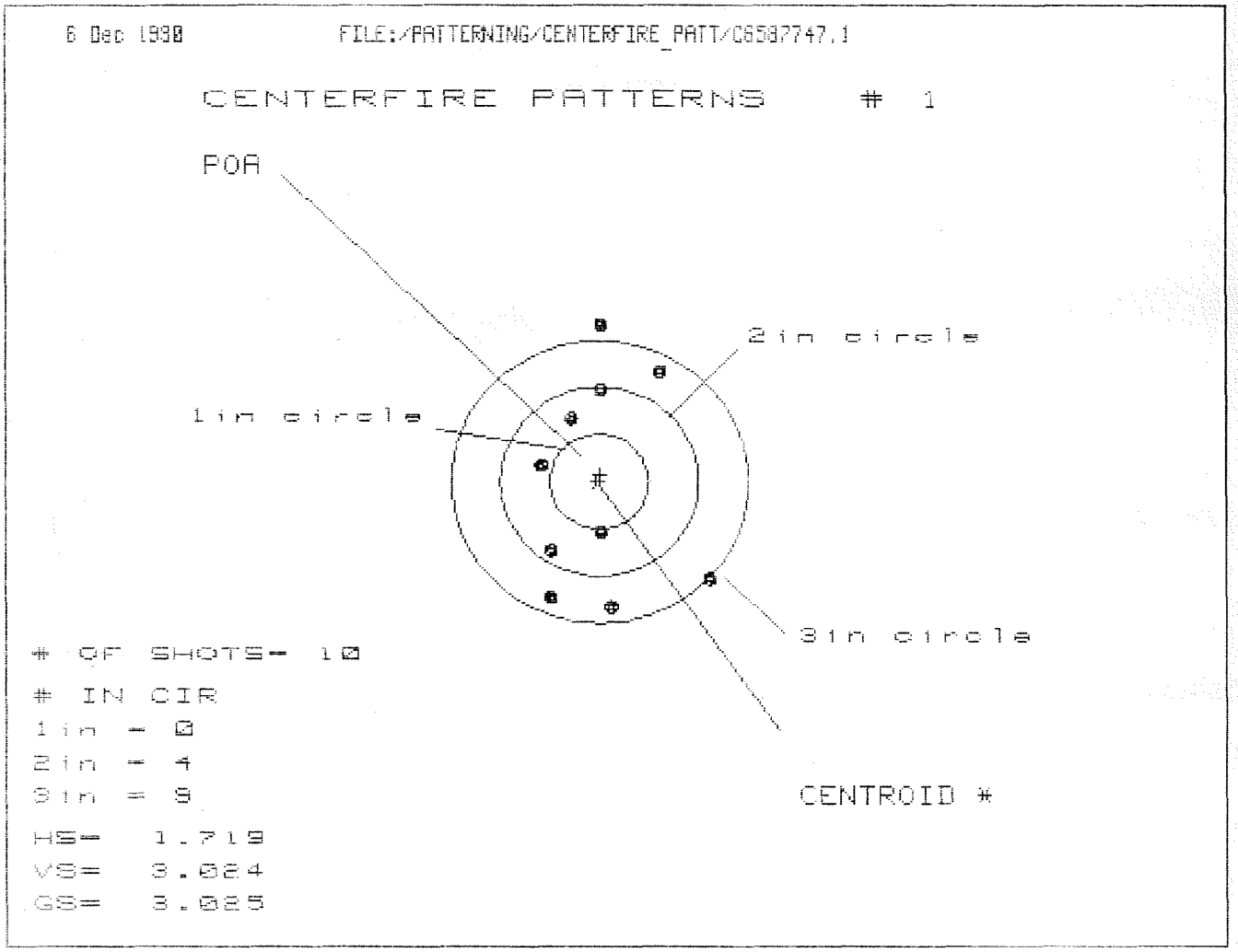
CENTROIDAL DISTANCES

0	TO	1	.0710211
1	TO	2	.53255
1	TO	3	.175251
1	TO	4	.0491935
1	TO	5	.180887

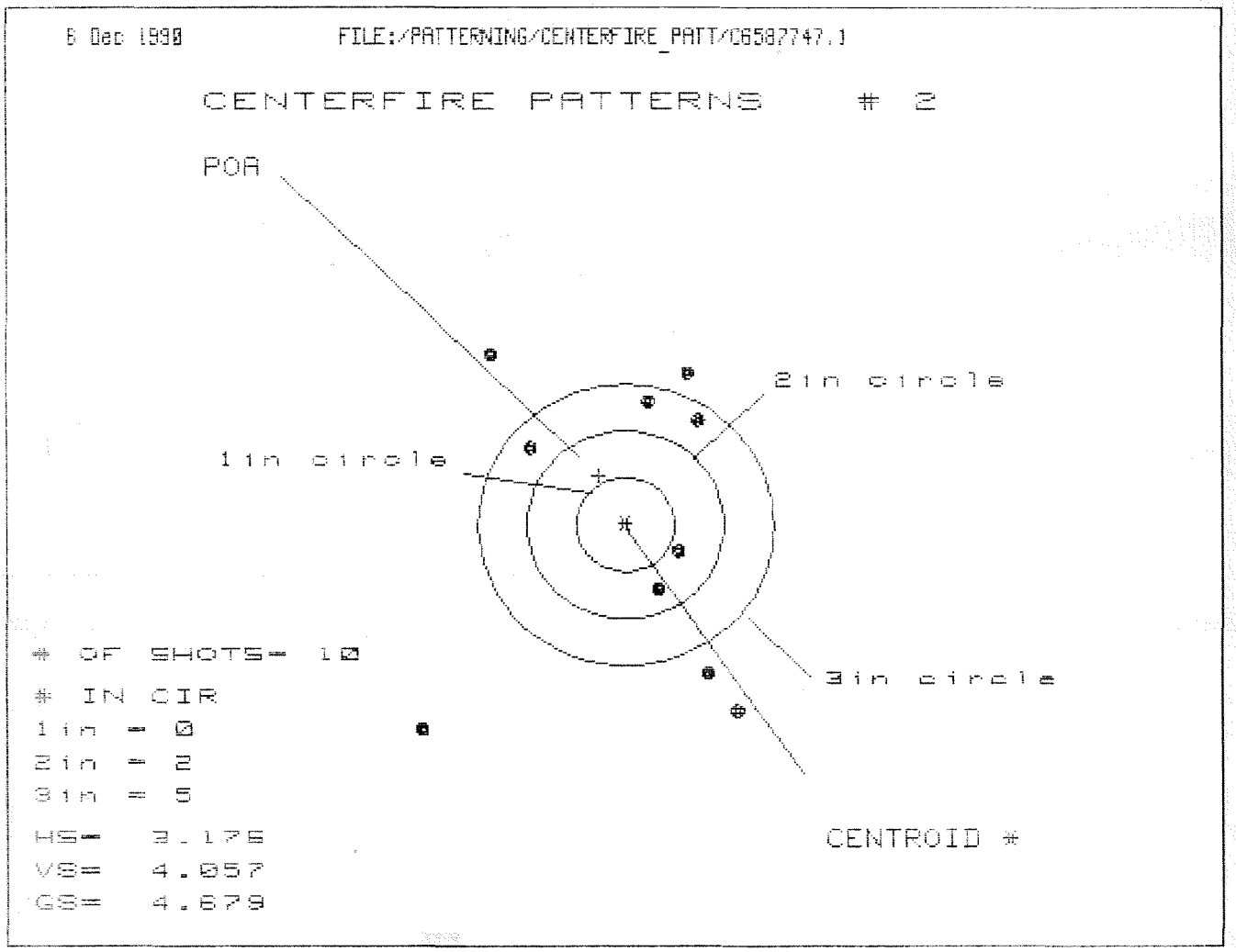
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0752
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1104
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .133578

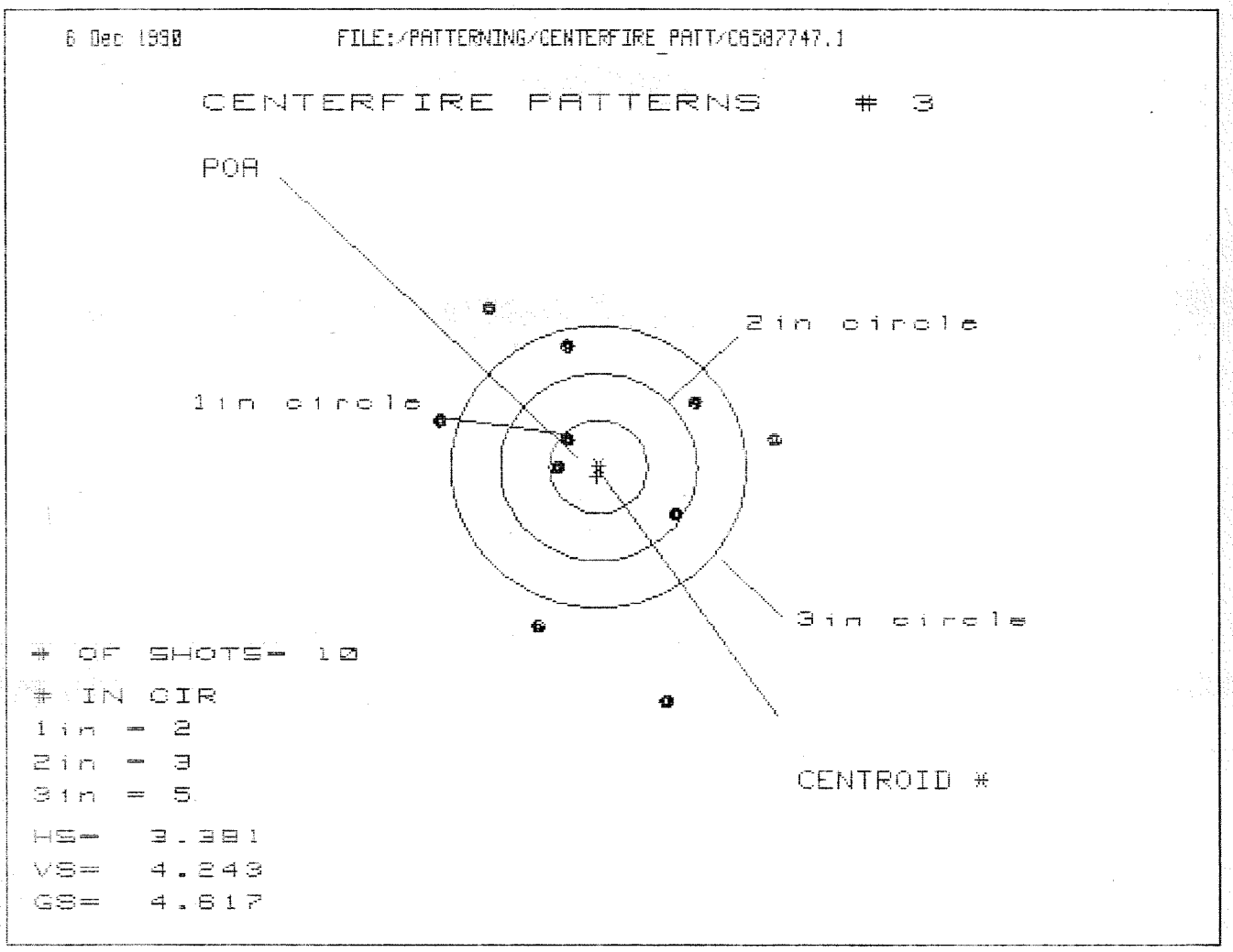
THE AMR FOR THIS RIFLE IS: 1.38



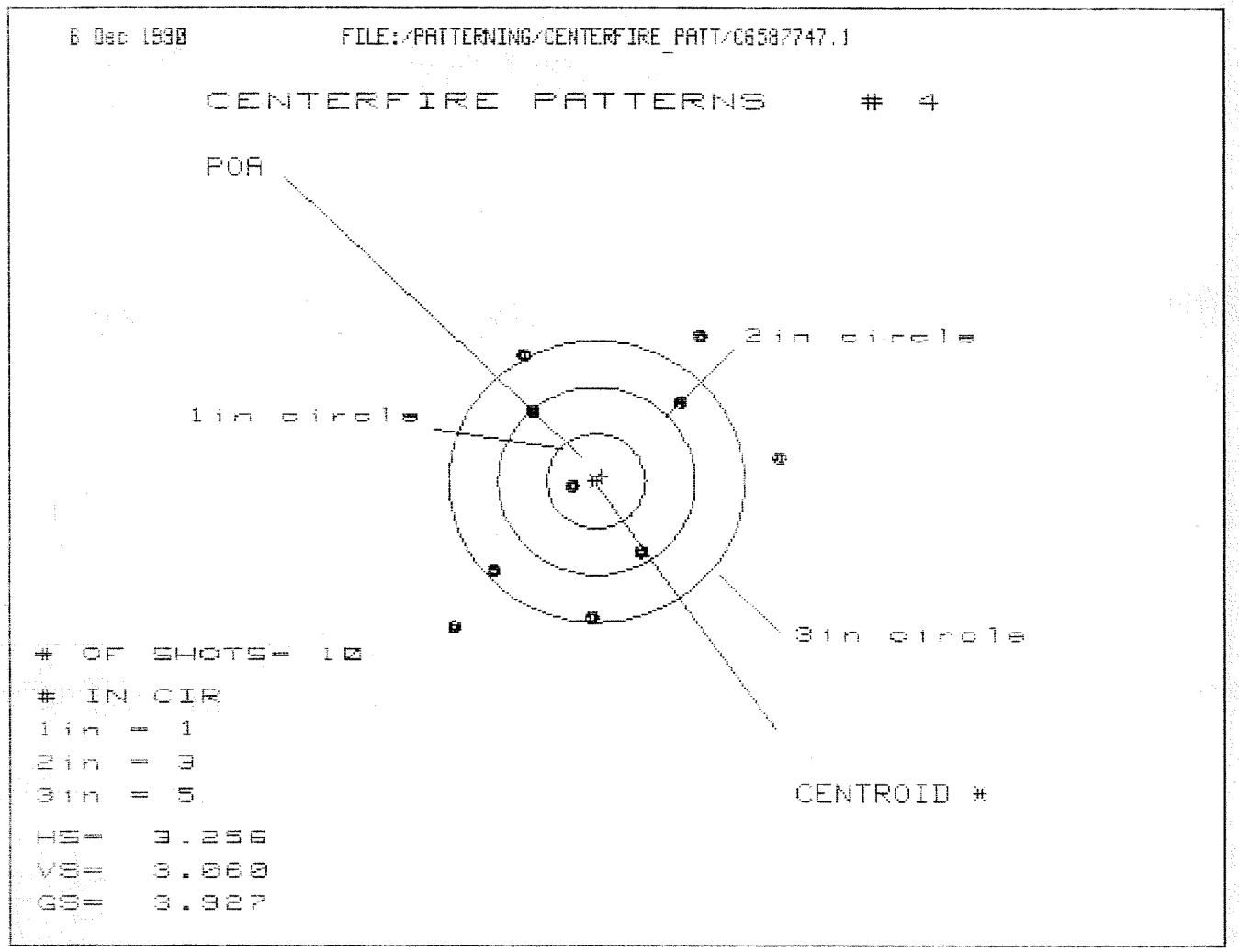
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	1.113	.803
MINIMUM X	:	-.610	-.606	-.466
MAXIMUM Y	:	1.708	1.405	1.305
MINIMUM Y	:	-1.316	-1.126	-1.226
CENTROID X	:	-.012	-.016	-.156
CENTROID Y	:	-.070	-.260	-.160
POA TO CENTROID in.	:	.071	.261	.223
MIN RADIUS	:	.515	.326	.461
MEAN RADIUS	:	1.101	1.010	.948
MAX RADIUS	:	1.709	1.554	1.532
HORIZONTAL SPREAD	:	1.719	1.719	1.269
VERTICAL SPREAD	:	3.024	2.531	2.531
EXTREME SPREAD	:	3.025	2.685	2.685
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	



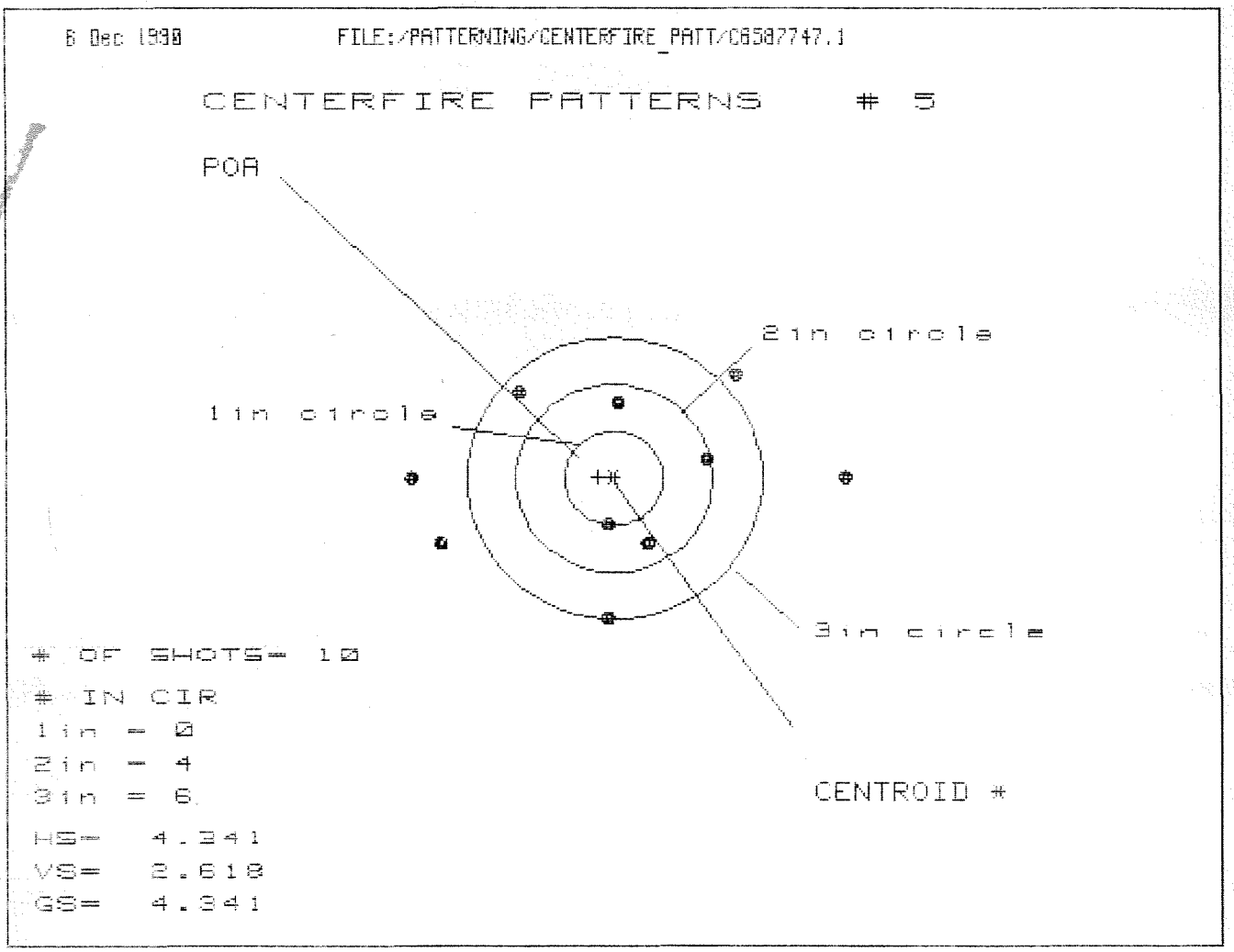
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.118	.889	.684
MINIMUM X	:	-2.058	-1.638	-1.383
MAXIMUM Y	:	1.871	1.628	1.572
MINIMUM Y	:	-2.186	-2.241	-2.038
CENTROID X	:	.268	.497	.701
CENTROID Y	:	-.523	-.280	-.483
POA TO CENTROID in.	:	.587	.570	.852
MIN RADIUS	:	.635	.618	.340
MEAN RADIUS	:	1.643	1.443	1.305
MAX RADIUS	:	3.003	2.411	2.150
HORIZONTAL SPREAD	:	3.176	2.527	2.068
VERTICAL SPREAD	:	4.057	3.869	3.610
EXTREME SPREAD	:	4.679	4.621	3.637
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.761	1.842	1.716
MINIMUM X	:	-1.620	-1.539	-1.665
MAXIMUM Y	:	1.702	1.420	1.200
MINIMUM Y	:	-2.541	-1.991	-1.814
CENTROID X	:	.016	-.065	.061
CENTROID Y	:	.103	.385	.208
POA TO CENTROID in.	:	.104	.391	.217
MIN RADIUS	:	.397	.195	.376
MEAN RADIUS	:	1.419	1.239	1.183
MAX RADIUS	:	2.644	2.056	1.923
HORIZONTAL SPREAD	:	3.381	3.381	3.381
VERTICAL SPREAD	:	4.243	3.411	3.014
EXTREME SPREAD	:	4.617	3.447	3.384
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.829	1.670	1.084
MINIMUM X	:	-1.427	-1.215	-1.006
MAXIMUM Y	:	1.498	1.324	1.336
MINIMUM Y	:	-1.562	-1.673	-1.661
CENTROID X	:	-.056	.103	-.106
CENTROID Y	:	-.048	.126	.114
POA TO CENTROID in.	:	.073	.163	.156
MIN RADIUS	:	.203	.402	.225
MEAN RADIUS	:	1.360	1.278	1.198
MAX RADIUS	:	2.116	1.689	1.720
HORIZONTAL SPREAD	:	3.256	2.885	2.090
VERTICAL SPREAD	:	3.060	2.997	2.997
EXTREME SPREAD	:	3.927	3.232	3.232
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.323	1.495	1.275
MINIMUM X	:	-2.018	-1.760	-1.727
MAXIMUM Y	:	1.163	1.170	1.176
MINIMUM Y	:	-1.455	-1.448	-1.442
CENTROID X	:	.160	-.098	.122
CENTROID Y	:	-.014	-.021	-.027
POA TO CENTROID in.	:	.161	.100	.125
MIN RADIUS	:	.521	.553	.506
MEAN RADIUS	:	1.379	1.278	1.183
MAX RADIUS	:	2.324	1.898	1.847
HORIZONTAL SPREAD	:	4.341	3.255	3.002
VERTICAL SPREAD	:	2.618	2.618	2.618
EXTREME SPREAD	:	4.341	3.515	3.515
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587747
6 Dec 1990

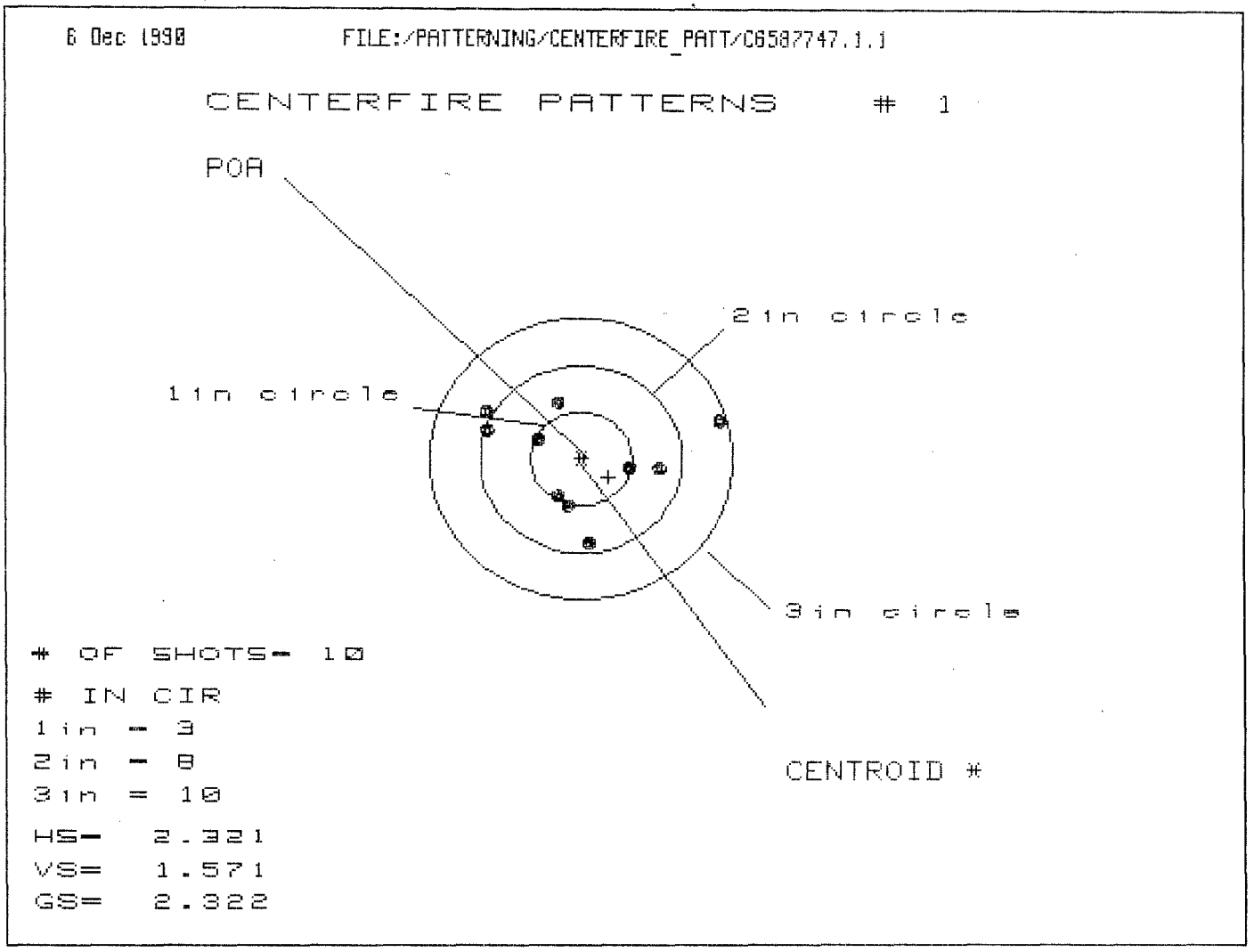
CENTROIDAL DISTANCES

Ø	TO	1	.334Ø96
1	TO	2	.861861
1	TO	3	.552914
1	TO	4	.24Ø468
1	TO	5	.48945

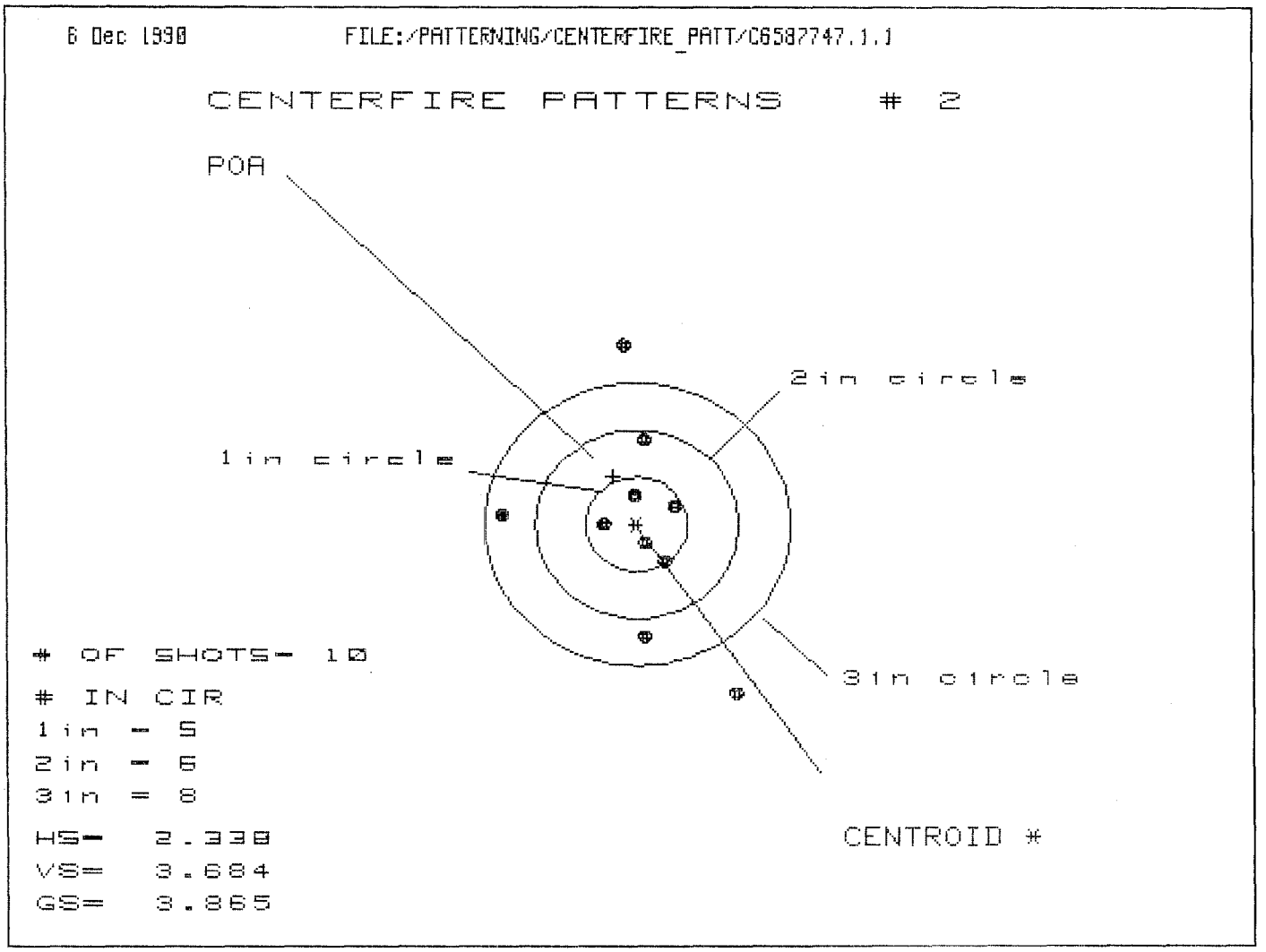
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0138
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.023
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0268224

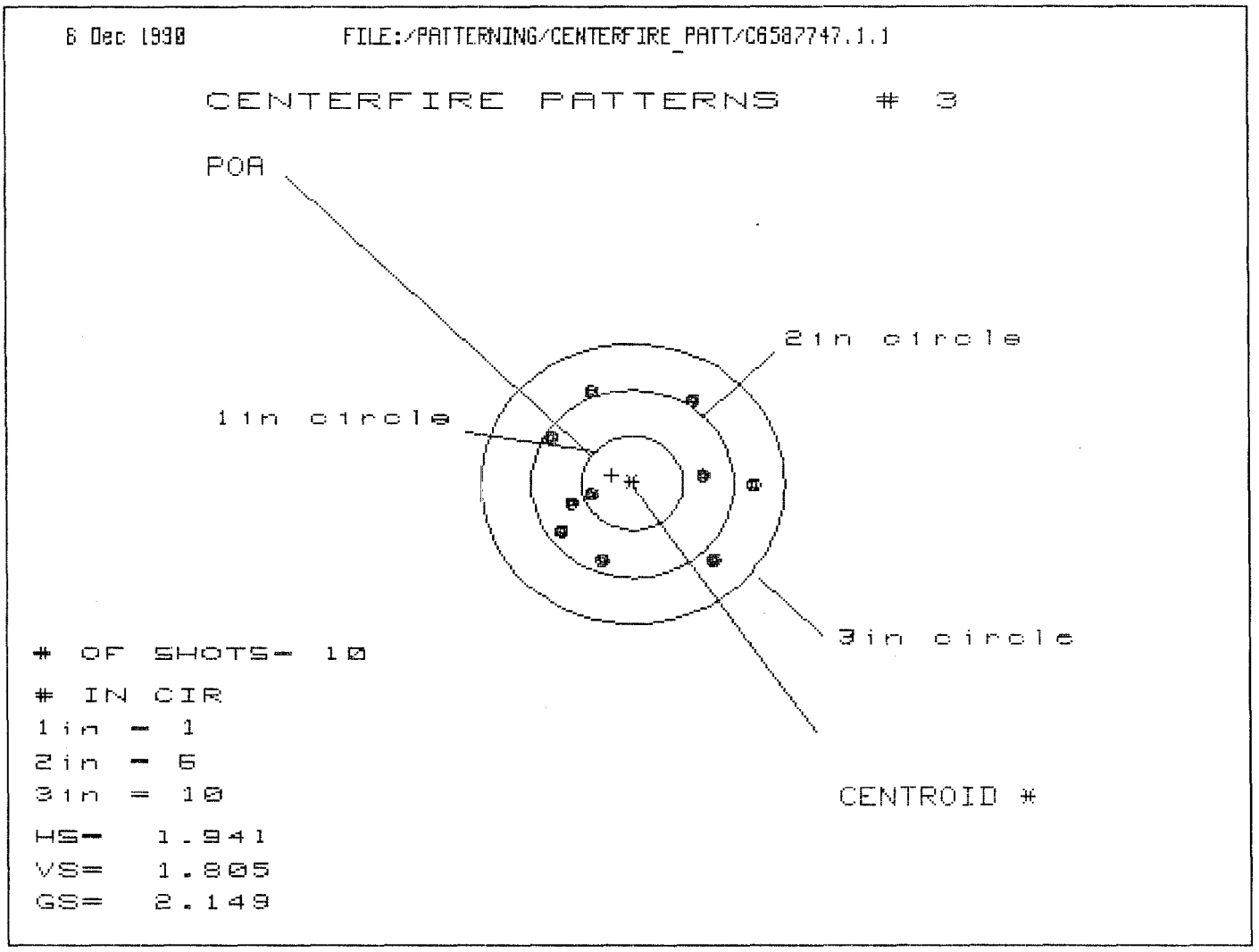
THE AMR FOR THIS RIFLE IS: .9442



PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.411	.969	.877
MINIMUM X	:	-.910	-.753	-.845
MAXIMUM Y	:	.637	.680	.754
MINIMUM Y	:	-.934	-.891	-.817
CENTROID X	:	-.272	-.429	-.337
CENTROID Y	:	.194	.151	.077
POA TO CENTROID in.	:	.334	.455	.345
MIN RADIUS	:	.463	.372	.329
MEAN RADIUS	:	.789	.693	.651
MAX RADIUS	:	1.463	.969	.946
HORIZONTAL SPREAD	:	2.321	1.722	1.722
VERTICAL SPREAD	:	1.571	1.571	1.571
EXTREME SPREAD	:	2.322	1.817	1.765
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	



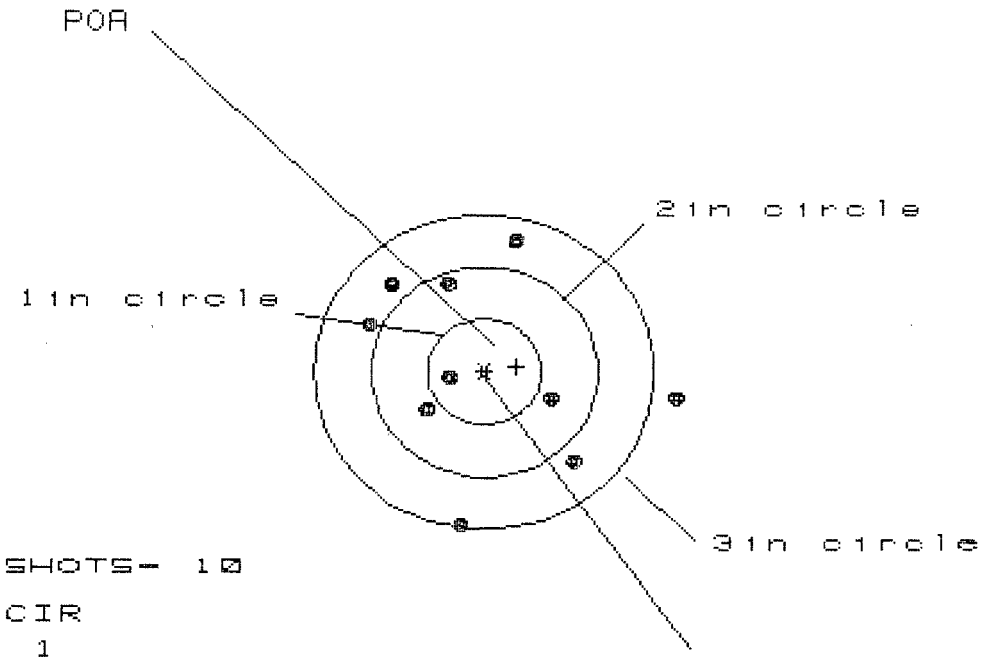
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.020	.529	.524
MINIMUM X	:	-1.318	-1.204	-1.209
MAXIMUM Y	:	1.936	1.742	.927
MINIMUM Y	:	-1.748	-1.423	-1.205
CENTROID X	:	.228	.114	.119
CENTROID Y	:	-.508	-.314	-.532
POA TO CENTROID in.	:	.557	.334	.545
MIN RADIUS	:	.206	.142	.247
MEAN RADIUS	:	.927	.801	.669
MAX RADIUS	:	2.024	1.742	1.218
HORIZONTAL SPREAD	:	2.338	1.733	1.733
VERTICAL SPREAD	:	3.684	3.165	2.132
EXTREME SPREAD	:	3.865	3.170	2.132
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	.921	.943
MINIMUM X	:	-.781	-.652	-.537
MAXIMUM Y	:	.972	.966	.867
MINIMUM Y	:	-.833	-.839	-.938
CENTROID X	:	.203	.074	-.041
CENTROID Y	:	-.089	-.083	.016
POA TO CENTROID in.	:	.222	.112	.044
MIN RADIUS	:	.391	.267	.227
MEAN RADIUS	:	.890	.835	.767
MAX RADIUS	:	1.161	1.216	1.125
HORIZONTAL SPREAD	:	1.941	1.573	1.480
VERTICAL SPREAD	:	1.805	1.805	1.805
EXTREME SPREAD	:	2.149	2.149	1.922
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6587747.1.1

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

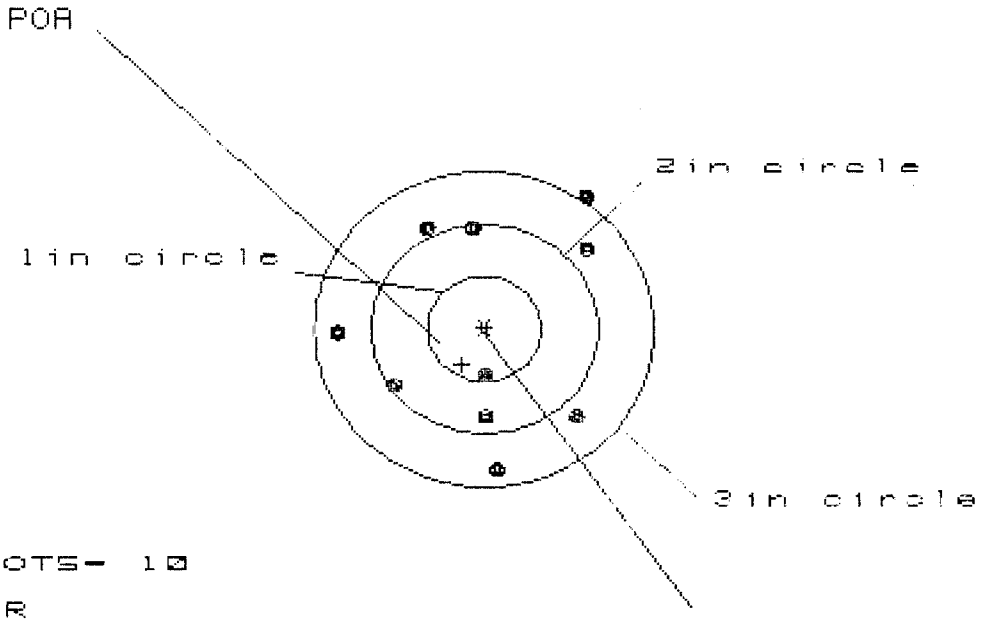
# IN CIR
1in = 1
2in = 4
3in = 9

HS= 2.663
VS= 2.709
GS= 2.757

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.679	.929	.920
MINIMUM X	:	-.984	-.798	-.807
MAXIMUM Y	:	1.234	1.201	1.013
MINIMUM Y	:	-1.475	-1.508	-1.100
CENTROID X	:	-.287	-.473	-.464
CENTROID Y	:	-.046	-.013	.175
POA TO CENTROID in.	:	.290	.474	.496
MIN RADIUS	:	.356	.183	.315
MEAN RADIUS	:	1.036	.924	.844
MAX RADIUS	:	1.704	1.509	1.434
HORIZONTAL SPREAD	:	2.663	1.727	1.727
VERTICAL SPREAD	:	2.709	2.709	2.113
EXTREME SPREAD	:	2.757	2.757	2.321
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Dec 1990 FILE:/PATTERNING/CENTERFIRE_PATT/C6507747.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.272
VS= 2.609
GS= 2.716

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.928	1.026	.870
MINIMUM X	:	-1.344	-1.246	-.813
MAXIMUM Y	:	1.278	1.146	1.154
MINIMUM Y	:	-1.331	-1.189	-1.181
CENTROID X	:	.197	.099	.255
CENTROID Y	:	.334	.192	.184
POA TO CENTROID in.	:	.388	.216	.315
MIN RADIUS	:	.437	.317	.289
MEAN RADIUS	:	1.079	.997	.956
MAX RADIUS	:	1.551	1.393	1.297
HORIZONTAL SPREAD	:	2.272	2.272	1.683
VERTICAL SPREAD	:	2.609	2.335	2.335
EXTREME SPREAD	:	2.716	2.435	2.427
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

RECEIVING AND ESTIMATING REPORT

COMMENTS: WOG 20 OF 30 W/10X SCOPE & DEPLOYMENT KIT M-24

ORDER: R 93-02472

INITIAL	CUSTOMER ORDER NO.
FPS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/25/93	01/25/93	EK 10-90	C6587747		700 7-62 NATO

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

FROM:

MCHALE; EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

SHIP TO:

MCHALE; EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO:073985 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C		PROM. DATE	ESTIMATED	VIA
		WRITE ☐ CLEAN/TEST			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.		D4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT: Rust ON Gun

PARTS

Firing pin Assy - 96007
Magazine Spring - 15677
Magazine - 96013
Trigger Assy - 96024
Stock Assy - 96018
Barrel Assy Complete - 96001
Bolt Stop - 17013
Front Guard Screw - 96010
Rear Guard Screw - 96015
Front Sight Assy - 96118
Rear Sight Assy - 96119

COMMENTS

Zinc phosphate Scope Base, Scope Rings, Swivels & Swivel Studs Re-powder Coat Floor plate, latch, Trigger Guard, Front & Rear Sight Bases

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW	2/4/93	2/9/93	3/2/93	3/2/93	

OFFICE COPY

RD6925 REV. 1/92