0652154

MODEL 700™ XCR

Model 5R5 ™

Action

Barrel Length

Capacity

Order No. 571b

*Includes 1 in chamber.

Remington

Smart

M2400003818

RECEIVING AND ESTIMATING REPORT

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

ORDER: R 94-18406

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6522154		700 7.62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

90-0607

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
					FRT

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	F5	F5
METAL			C2			

MAIN FAULT

PARTS

Trigger Assy	123.71
Scope Rep	119.43
Clean/Insp/Prep	30.00
~~350.14~~	
343.14	

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
			Ac		
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
			10/30/95		

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. C6522154
DATE 10-26-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.51	2.45		MIN. SETTING,
PULL #2	2.30	2.25	2.42		NO AVG. OF 5
PULL #3	2.37	2.25	2.37		READINGS ACCEPT-
PULL #4	2.39	2.30	2.44		ABLE LESS THAN 2#
PULL #5	2.30	2.30	2.51		
TOTAL	11.90	11.61	12.19		
AVG.	2.38	2.32	2.43		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.17		
PULL #2	3.00	3.25		
PULL #3	3.01	3.22		
PULL #4	2.98	3.00		
PULL #5	2.96	3.18		
TOTAL	15.01	15.82		
AVG.	3.00	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	3.94	4.08	
PULL #2	4.10	3.90	4.12	
PULL #3	4.08	3.90	3.95	
PULL #4	4.00	3.94	3.98	
PULL #5	4.02	3.96	4.08	
TOTAL	20.26	19.64	20.21	
AVG.	4.05	3.92	4.04	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522154

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	5½	5½	5½			4/28	WB
	G) Safety Off Force	7½	7½	7½			4/28	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	2.48	2.35	2.33	2.28	2.25	4/28	WB
	C) Function							
660	Pack							

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522154

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 RB		10/5/90	
620	Apply Coatings (Barrel Action)		10-20-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-9-90	

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5½	5½	5½			11/8/90	WB
	G) Safety Off Force	2	2	2			11/8/90	WB
	H) Trigger Pull Test & Retainability						11-19-90	DH
	I) Firing Pin Indent	.0205	.0205	.0205			11/8/90	WB
	J) Assemble Stock						11/19/90	KS
	K) Assemble Swivel Studs						11-19-90	DH
	L) Attach Front and Rear Sight Assemblies						11/19/90	KS
	M) Iron Sight Alignment						11/19/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/19/90	KS
	O) Attach Scope to Rifle						11/19/90	KS
	P) Detach & Attach Scope 20 Times						11/19/90	KS
640	Gallery Target & Test						11/12/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clearity of Scope						"	NF
645	Inspect for Live Ammo						11/12/90	NF
655	Final Inspection A) Headspace						11-19-90	DH
	B) Trigger Pull	2.14	2.41	2.43	2.48	2.47	11-19-90	DH
	C) Function						11-19-90	DH
660	Pack						12/18/90	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522154
DATE 11-9-90
TESTER JRA

Final

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.58	290	2.14	MIN. SETTING,
PULL #2	2.19	2.49	280	2.41	NO AVG. OF 5
PULL #3	2.49	2.20	279	2.43	READINGS ACCEPT-
PULL #4	2.28	2.18	293	2.48	ABLE LESS THAN 2#
PULL #5	2.36	2.34	275	2.47	
TOTAL	11.55	11.71		11.93	
AVG.	2.31	2.342		2.386	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.35		
PULL #2	3.28	3.12		
PULL #3	3.20	3.39		
PULL #4	3.38	3.25		
PULL #5	3.38	3.12		
TOTAL	16.43	16.23		
AVG.	3.326	3.246		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.28		4.17
PULL #2	4.48	4.42		4.43
PULL #3	4.49	4.34		4.39
PULL #4	4.44	4.45		4.43
PULL #5	4.49	4.46		4.50
TOTAL	22.34	21.95		21.92
AVG.	4.468	4.39		4.384

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522154
13 Nov 1990

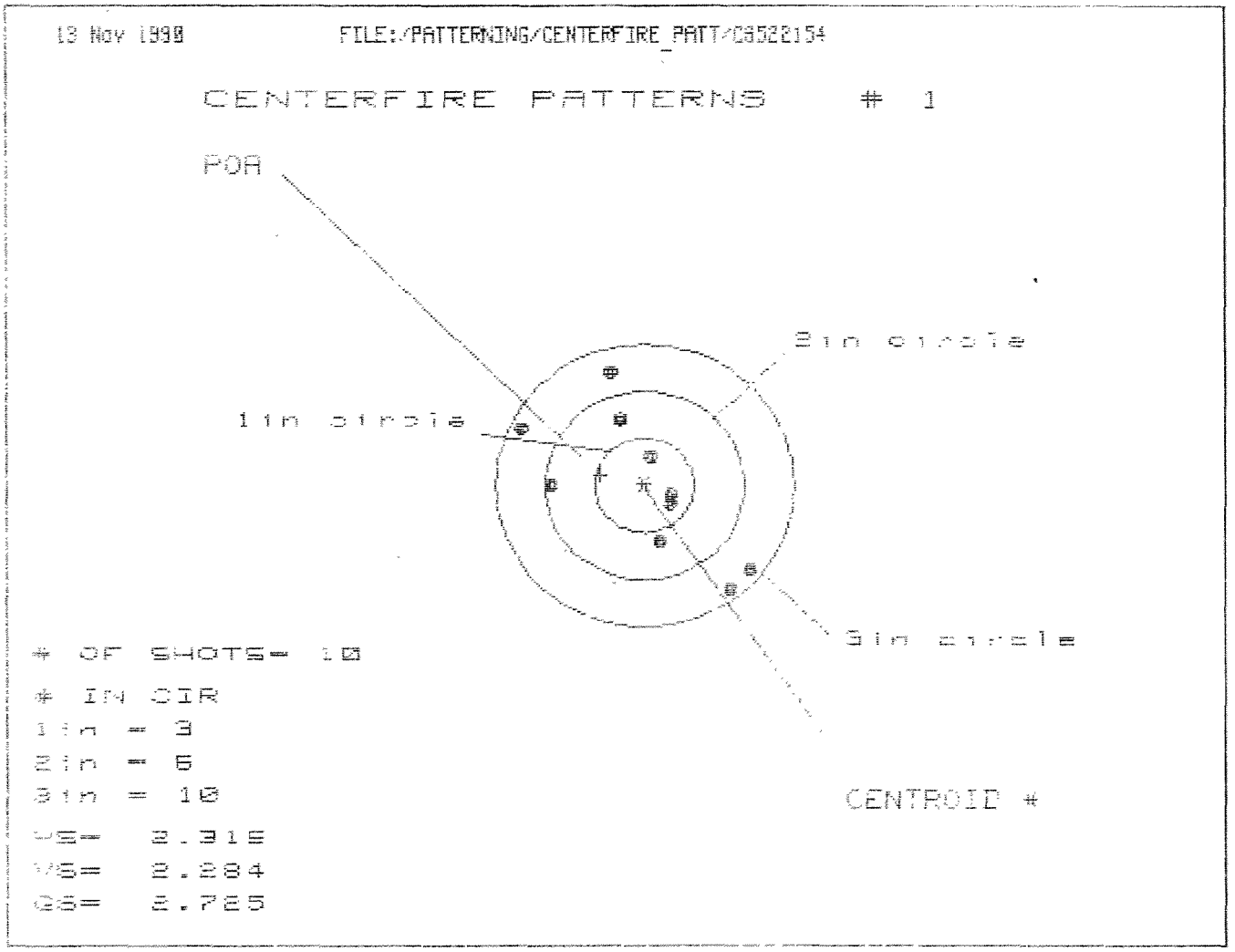
CENTROIDAL DISTANCES

0	TO	1	.456478
1	TO	2	.57171
1	TO	3	.369121
1	TO	4	.585109
1	TO	5	.538380

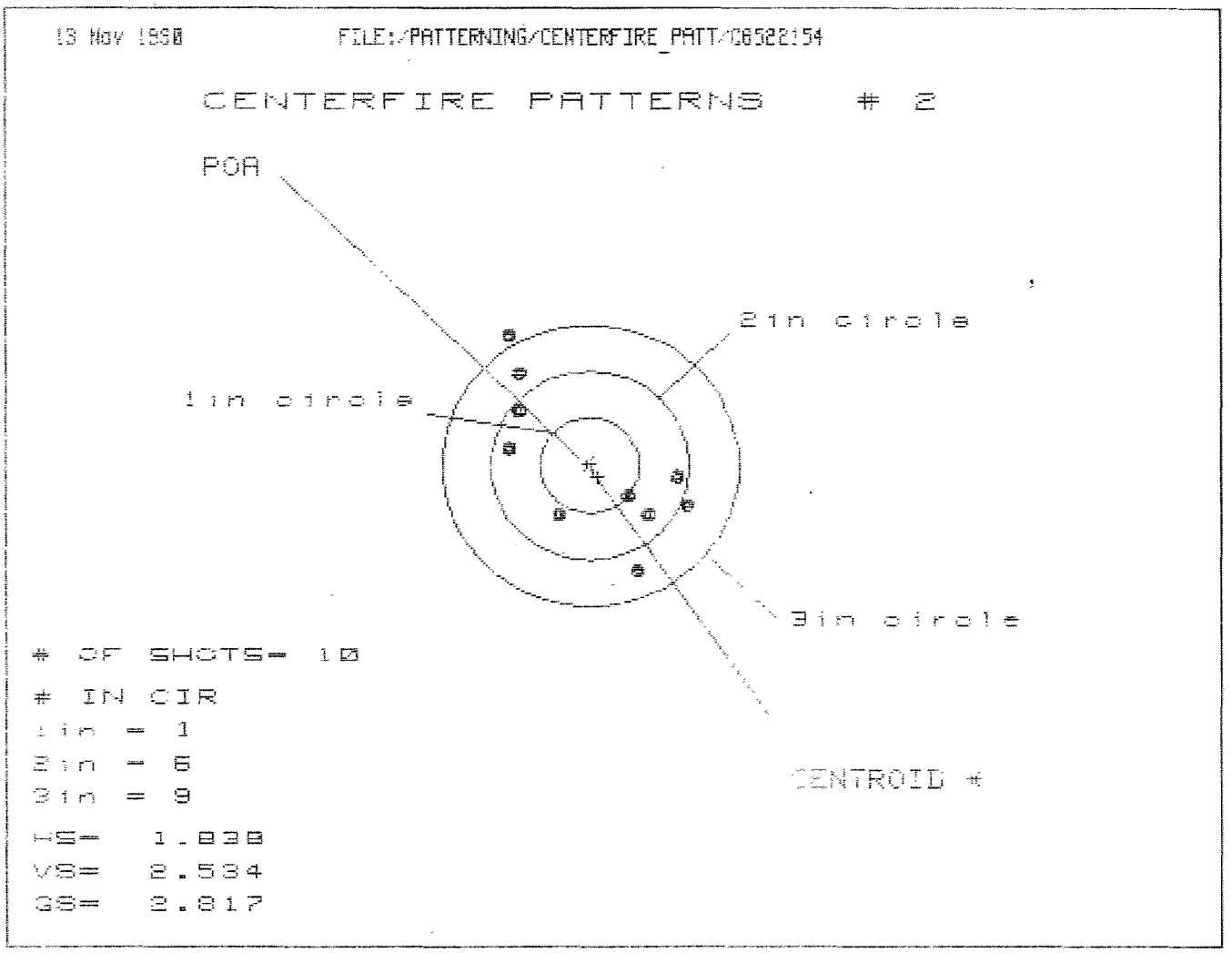
$1, <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0382
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0272
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0469

THE ANR FOR THIS RIFLE IS: .0986



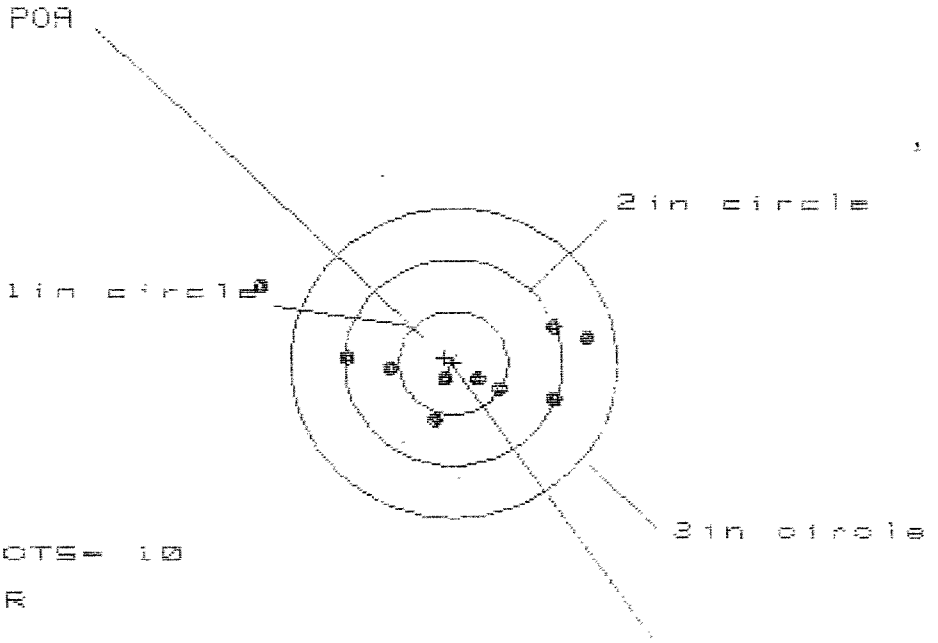
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.083	.992	.536
MINIMUM X	:	-1.233	-1.112	-.988
MAXIMUM Y	:	1.218	1.122	.977
MINIMUM Y	:	-1.066	-1.162	-.840
CENTROID X	:	.444	.323	.199
CENTROID Y	:	-.106	-.010	.135
POA TO CENTROID in.	:	.456	.323	.241
MIN RADIUS	:	.295	.255	.293
MEAN RADIUS	:	.861	.806	.716
MAX RADIUS	:	1.387	1.528	1.041
HORIZONTAL SPREAD	:	2.316	2.104	1.524
VERTICAL SPREAD	:	2.284	2.284	1.817
EXTREME SPREAD	:	2.725	2.665	1.895
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.030	.942	.936
MINIMUM X	:	-.808	-.896	-.852
MAXIMUM Y	:	1.393	1.096	.973
MINIMUM Y	:	-1.141	-.986	-.495
CENTROID X	:	-.082	.006	-.038
CENTROID Y	:	.118	-.037	.086
POA TO CENTROID in.	:	.144	.037	.094
MIN RADIUS	:	.452	.288	.398
MEAN RADIUS	:	.958	.849	.837
MAX RADIUS	:	1.603	1.355	1.230
HORIZONTAL SPREAD	:	1.838	1.838	1.838
VERTICAL SPREAD	:	2.534	2.082	1.468
EXTREME SPREAD	:	2.817	2.377	2.226
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6522154

CENTERFIRE PATTERNS # 3

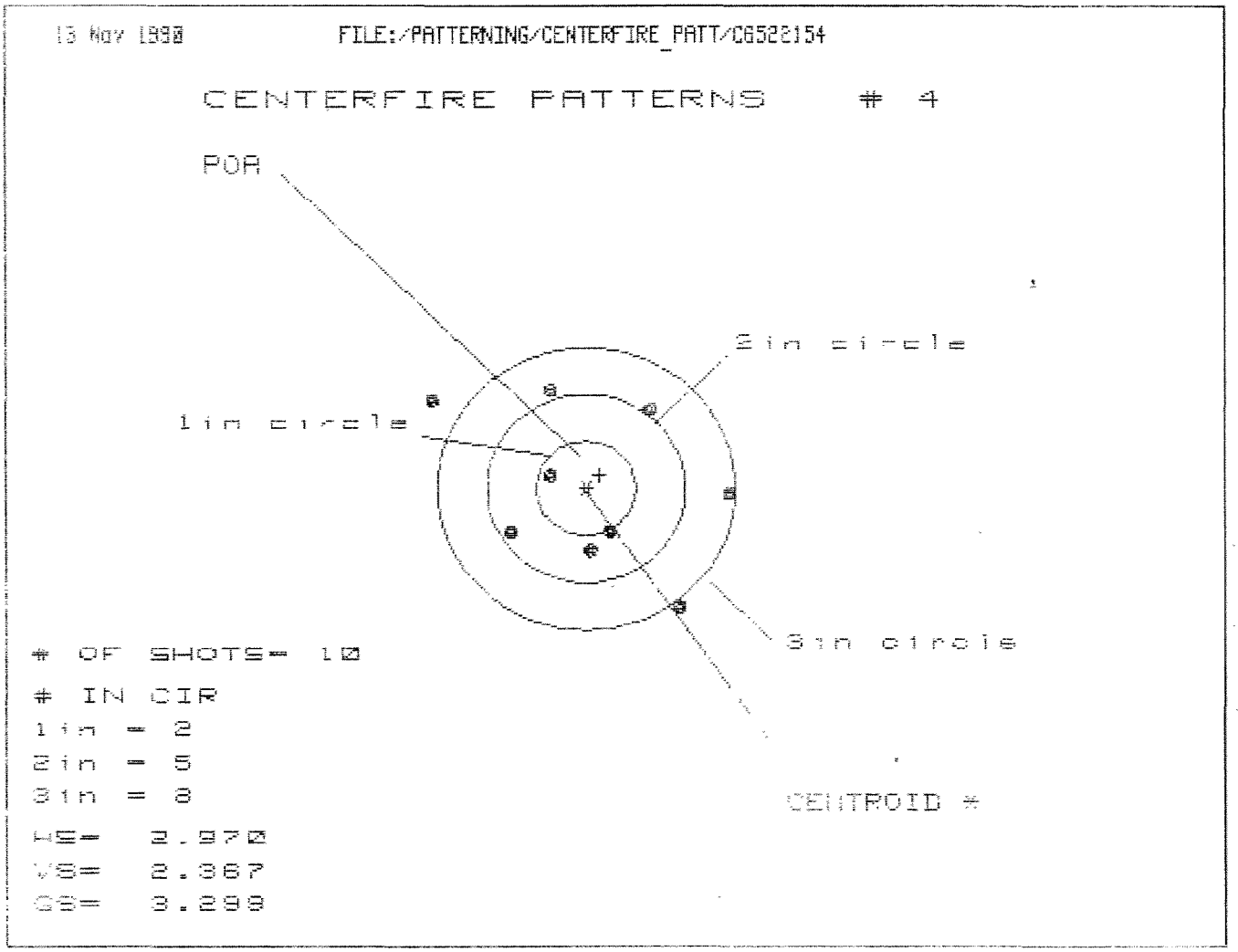


\# OF SHOTS= 10

\# IN CIR
1in = 3
2in = 8
3in = 9

HS= 2.994
VS= 1.304
GS= 3.041

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.250	1.056	.832
MINIMUM X	:	-1.744	-1.177	-1.045
MAXIMUM Y	:	.776	.480	.521
MINIMUM Y	:	-.528	-.441	-.400
CENTROID X	:	.079	.273	.141
CENTROID Y	:	-.051	-.138	-.179
POA TO CENTROID in.	:	.095	.306	.228
MIN RADIUS	:	.194	.080	.134
MEAN RADIUS	:	.814	.651	.582
MAX RADIUS	:	1.909	1.184	1.059
HORIZONTAL SPREAD	:	2.994	2.233	1.877
VERTICAL SPREAD	:	1.304	.921	.921
EXTREME SPREAD	:	3.041	2.242	1.909
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.437	1.267	1.360
MINIMUM X	:	-1.533	-.906	-.513
MAXIMUM Y	:	1.069	1.170	1.021
MINIMUM Y	:	-1.298	-1.197	-.736
CENTROID X	:	-.140	.030	-.063
CENTROID Y	:	-.142	-.243	-.094
POA TO CENTROID in.	:	.199	.245	.113
MIN RADIUS	:	.362	.398	.425
MEAN RADIUS	:	.980	.895	.815
MAX RADIUS	:	1.785	1.409	1.367
HORIZONTAL SPREAD	:	2.970	2.173	2.173
VERTICAL SPREAD	:	2.367	2.367	1.757
EXTREME SPREAD	:	3.299	2.670	2.209
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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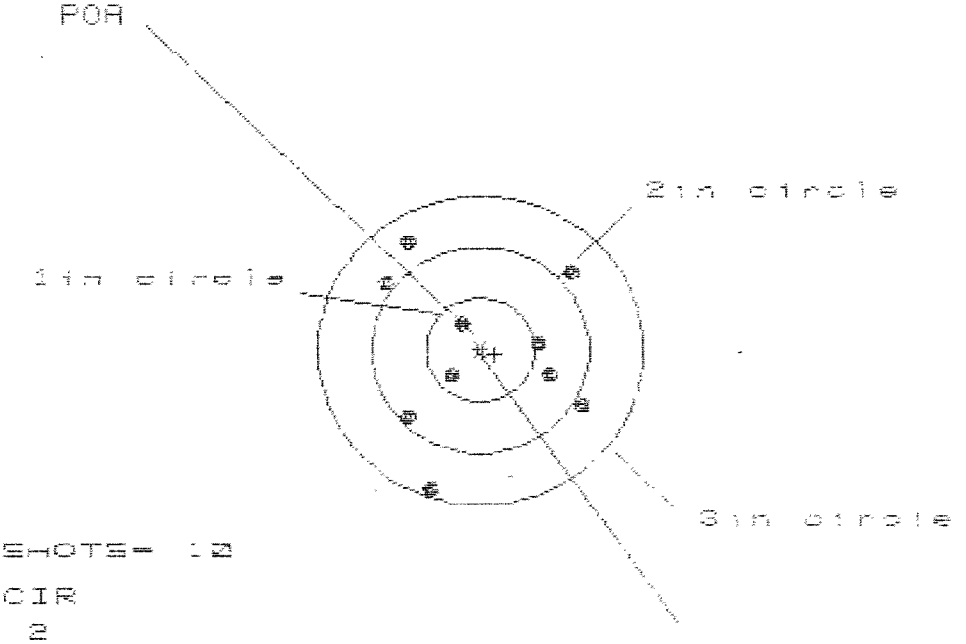
CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 2
2in = 5
3in = 10

HS= 1.785
VS= 2.389
GS= 2.457

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.967	.919	.827
MINIMUM X	:	-.818	-.866	-.959
MAXIMUM Y	:	1.076	.930	.740
MINIMUM Y	:	-1.313	-.788	-.672
CENTROID X	:	-.135	-.087	.005
CENTROID Y	:	.045	.191	.079
POA TO CENTROID in.	:	.142	.210	.075
MIN RADIUS	:	.331	.260	.394
MEAN RADIUS	:	.830	.817	.758
MAX RADIUS	:	1.381	1.188	1.163
HORIZONTAL SPREAD	:	1.785	1.785	1.785
VERTICAL SPREAD	:	2.389	1.718	1.412
EXTREME SPREAD	:	2.457	2.297	2.152
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10