

06587669

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

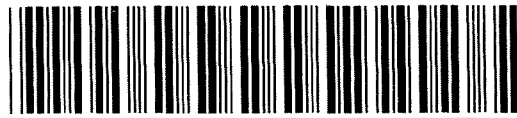
Order No. **5716**

*Includes 1 in chamber.

Remington

C6587669

Model: 700



RE00004853

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: RE00004853
Serial: CB587669 Model: 700 Center Fire Caliber: 7.62 M-24 (SWS)
Repairman:
Status: New 2/16/00 7:26:16 AM

Verify Repair

Address Information

Customer:
Name: TRANSPORTATION DIVISION
Address 1: LOGISTIC MGMT DIV/DOL
Address 2: CRSP,BLDG.315
City: FORT CARSON
State: CO Zip Code: 80913 Country: US

Received From:
Return To: TRANSPORTATION DIVISION
LOGISTIC MGMT DIV/DOL
CRSP,BLDG.315
FORT CARSON
State: CO Zip Code: 80913 Country: US

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone:
Fax:
Email:
Comments:

Condition: Fair
Condition Notes:
CSR Notes:

Code	Desc	Qty
A007	With Stud	2
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope,S/N 90 0126	1

Repair Search

Refresh

Close

naglej
2/16/00
9:01 AM
CAPS
NUM
INS
SCPL

Start
Inb.
Na.
SA...
Mic...
Mic...
Exp...
Ar...
Fin...
DE...
UP...
SA...
Print...
9:01 AM

Scope S/N 90-0126 Date Sent 2/17/2000
Sent Back To Leopold for Repair
Elevation Cam Slipping

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)				
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG										
SECTION I - EQUIPMENT DATA										
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION				
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION SPT CO 10TH SFG(A)		B. LOCATION FT. CARSON C. 80013		C. UNIT IDENT CODE WH2AUG				
2. SERIAL NO. SER REPAIRERS		3. NOUN NOMENCLATURE SMIPER WEAPON SYSTEM		4. LINE NO.	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005-01-240-2136				
7A. MAINTENANCE ACTIVITY		B. LEVEL	B. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
14. FAILURE DETECTED DURING (Select one - use ✓ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X)					
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). BOTH SIGHTS ELEVATION CAM SLIPPING OR BROKE										
B. REMARKS M24 C6587669/SIGHT 900126 M24 C6225581/SIGHT 880413										
SECTION II - WORK ACCOMPLISHED										
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ✓ or X)		19. AMS ACCT. CODE		
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE						
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
									\$	
I. TOTAL MANHOURS					J. TOTAL MANHOURS COST		K. TOTAL PARTS COST			
					\$		\$			
21. DELAY (Select One)					22. Data Transcribed					
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools										
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		
00026										
28. DISPOSITION (Select One)										
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged										

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

ORGANIZATION COPY 4

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400024932

LEUPOLD & STEVENS, INC.

MAILING: PO BOX 688
BEAVERTON OR 97075-0688
(503) 646-9171

SHIPPING: 14400 NW GREENBRIER PARKWAY
BEAVERTON OR 97006-5934
FAX (503) 526-1455

TELEX 15-1227

MAIL REMITTANCE IN U.S.
FUNDS TO:

LEUPOLD & STEVENS, INC.
PO BOX 4985
BEAVERTON OR 97076-4985 USA

B
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T
O
REMINGTON ARMS CO., INC.
Attn:
14 HOEFLER AVE.
ILION NY 13357

S
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P
T
O
REMINGTON ARMS CO., INC.
Attn:
14 HOEFLER AVE.
ILION NY 13357

Invoice No.	Date	Type of Service	Via
0202818	03/14/00	WARRANTY	
1 ea ULTRA M3A-10X S/N# 900126			Charge
Complaints/Requests WARRANTY- INSPECTION ADJUSTMENT PROBLEMS			
Service Activity: ALIGNED ADJUSTMENTS ALIGNED FOCUS ADJ SCREW			
CLEANED, SEALED, RECOLLIMATED, VISUAL & MECHANICAL INSPECTION 100%			AMOUNT DUE
SHIPPING & HANDLING			NO CHG

For Customer Use Only:

Charge/Debit Card Payment: ☐ Visa ☐ Master Card Card # _____

Expiration Date: _____ Signature: _____

VALUE FOR CUSTOMS PURPOSES ONLY \$ _____ THESE COMMODITIES ARE EXITING THE U.S.A. UNDER GENERAL LICENSE _____
"THESE COMMODITIES LICENSED BY THE UNITED STATES FOR ULTIMATE DESTINATION USA DIVERSION CONTRARY TO
UNITED STATES LAW PROHIBITED."

EXPORTER/MANUFACTURER: LEUPOLD & STEVENS INC.
PLACE: BEAVERTON, OREGON USA

ECCN: 0A987

SIGNATURE: _____
NAME: _____ EXPORT/INVOICING SPECIALIST

I.D. 93-0372974

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400024933

FINAL Inspection

S.N. C6587669

DATE REC'D: 7-9-00

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

☒ BARREL

☒ RECEIVER

☒ FRONT SIGHT BLOCK

☒ REAR SIGHT BLOCK

☒ SCREWS

☒ FINISH

SCOPE ASSY.

☒ SCOPE

☒ SCOPE RINGS

☒ MOUNTING SCREWS

☒ MOUNTING BASE

☒ SCREWS

☒ FINISH

☐ LOOSENESS

☒ CLARITY

MISC.

☐ DD-250

☐ BAR CODE

☐ PACKAGING

Item:

STOCK ASSY.

☒ STOCK

☒ SLING SWIVEL STUDS

☒ ADJUSTABLE BUTT PLATE

☒ LOCK NUTS

☒ BARREL CLEARANCE

☒ COLOR/FINISH

SYSTEMS CASE

☐ SCOPE CASE

☐ IRON SIGHTS

☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION

☒ SET

Comments:

R ORDER
95-17766

M2400024935

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587669
DATE 7/23/96
TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.94	2.70		2.58	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.64	2.47		2.57	
PULL #3	2.72	2.43		2.62	
PULL #4	2.72	2.42		2.61	
PULL #5	2.70	2.43		2.71	
TOTAL	13.72	12.45		13.09	
AVG.	2.744	2.49		2.618	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.97	3.88		
PULL #2	3.80	3.89		
PULL #3	3.78	3.87		
PULL #4	3.79	3.86		
PULL #5	3.78	3.93		
TOTAL	19.12	19.43		
AVG.	3.824	3.886		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.99	4.24		4.34
PULL #2	4.73	4.31		4.33
PULL #3	4.98	4.28		4.33
PULL #4	4.95	4.24		4.36
PULL #5	4.96	4.14		4.28
TOTAL	24.61	21.21		21.64
AVG.	4.922	4.242		4.328

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5.5	8/2	SF
	G) Safety Off Force	4	4.5	4.5	8/2	SF
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.022	.0225	.022	8/2	SF
	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 Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection					
	A) Headspace					
	B) Trigger Pull	2.81	2.86	2.83	2.88	2.90
	C) Function				8/24/96	RW
660	Pack					

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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			

Remington



VERY IMPORTANT!
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.



5716 06587669

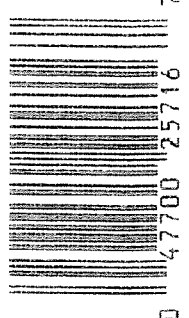
SERIAL NO.

06587669

ORDER NO.

5716

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587669

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/18/90	KS
600	Proof		10/18/90	KS
607	Check Headspace		10/18/90	KS
610	Dis-assemble Gun		10/18/90	KS
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	GS
617	Drill and Tap Sight Holes		10/23/90	KS
618	Polish Barrel	RB	10/24/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	HA
	Apply Coating (Bolt)			HA
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		11-10-90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.0	4.5	4.25			11-9-90	KT
	G) Safety Off Force	3.25	3.0	3.0			11-9-90	KT
	H) Trigger Pull Test & Retainability						11-10-90	JJ
	I) Firing Pin Indent	0.22	0.22	0.22			11-9-90	KT
	J) Assemble Stock						11-10-90	KS
	K) Assemble Swivel Studs						11/19/90	JJ
	L) Attach Front and Rear Sight Assemblies						11/19/90	KS
	M) Iron Sight Alignment						11/10/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/10/90	KS
	O) Attach Scope to Rifle						11/19/90	KS
	P) Detach & Attach Scope 20 Times						11/10/90	KS
640	Gallery Target & Test						11-13-90	KT
	A) Time						11-13-90	KT
	B) Malfunctions						11-13-90	KT
	C) Pierced Primers						11-13-90	KT
	D) Optical Clarity of Scope						11-13-90	KT
645	Inspect for Live Ammo						11-13-90	KT
655	Final Inspection							
	A) Headspace						11/19/90	JJ
	B) Trigger Pull	255	254	253	250	238	11/19/90	JJ
	C) Function						11/19/90	JJ
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. C6587669

DATE 11-10-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.29	2.28	2.55	MIN. SETTING,
PULL #2	2.11	2.26	2.25	2.54	NO AVG. OF 5
PULL #3	2.31	2.32	2.28	2.53	READINGS ACCEPT-
PULL #4	2.31	2.26	2.30	2.50	ABLE LESS THAN 2#
PULL #5	2.34	2.27	2.26	2.38	
TOTAL	11.36	11.40	11.37		
AVG.	2.272	2.28	2.274		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.39		
PULL #2	3.41	3.41		
PULL #3	3.38	3.40		
PULL #4	3.40	3.39		
PULL #5	3.40	3.39		
TOTAL	17.03	16.98		
AVG.	3.406	3.396		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.45		4.40
PULL #2	4.40	4.45		4.42
PULL #3	4.42	4.41		4.45
PULL #4	4.39	4.42		4.43
PULL #5	4.40	4.44		4.45
TOTAL	22.02	22.17		22.15
AVG.	4.404	4.434		4.43

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587669
14 Nov 1990

CENTROIDAL DISTANCES

Ø TO	1	.149913
1 TO	2	.0680074
1 TO	3	.186325
1 TO	4	.062482
1 TO	5	.155081

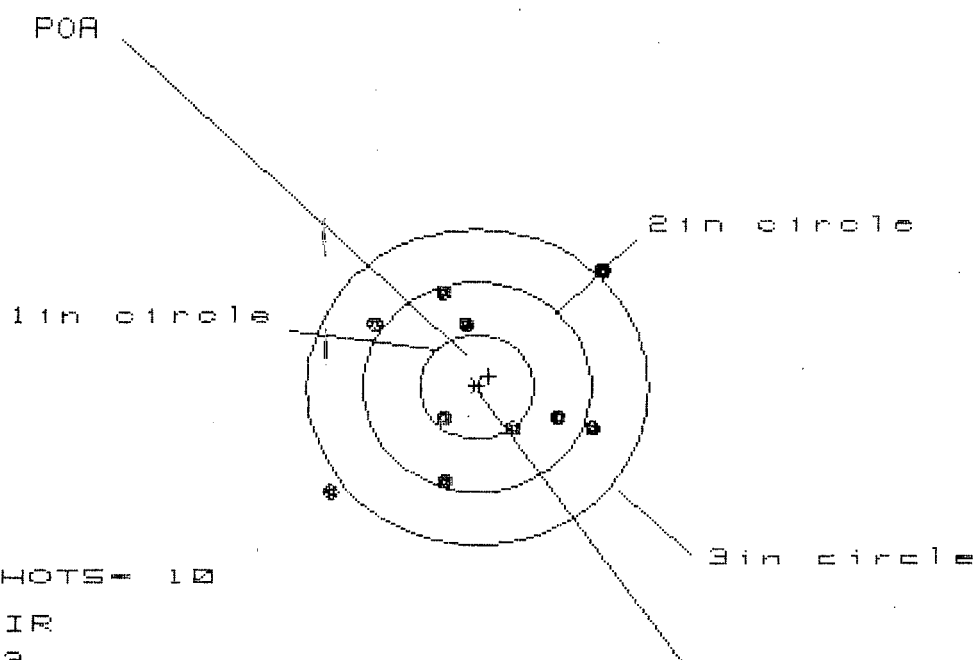
5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.062
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .141146
THE AMR FOR THIS RIFLE IS: 1.01

14 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587669

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.427

VS= 2.068

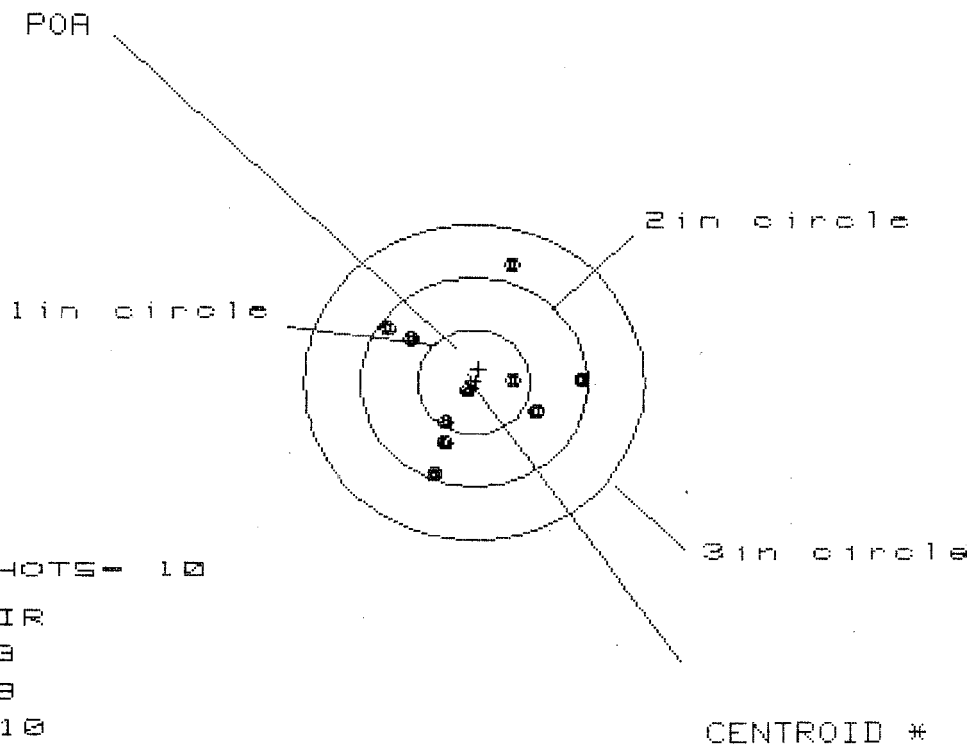
GS= 3.189

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.122	.977	1.009
MINIMUM X	-1.305	-1.038	-.915
MAXIMUM Y	1.079	.969	.953
MINIMUM Y	-.989	-1.007	-.885
CENTROID X	-.107	.038	-.085
CENTROID Y	-.105	.005	-.117
POA TO CENTROID in.	.150	.038	.144
MIN RADIUS	.419	.485	.429
MEAN RADIUS	.961	.884	.800
MAX RADIUS	1.637	1.377	1.105
HORIZONTAL SPREAD	2.427	2.015	1.924
VERTICAL SPREAD	2.068	1.976	1.838
EXTREME SPREAD	3.189	2.431	2.190
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

14 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587663

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

HS= 1.715

VS= 2.048

GS= 2.182

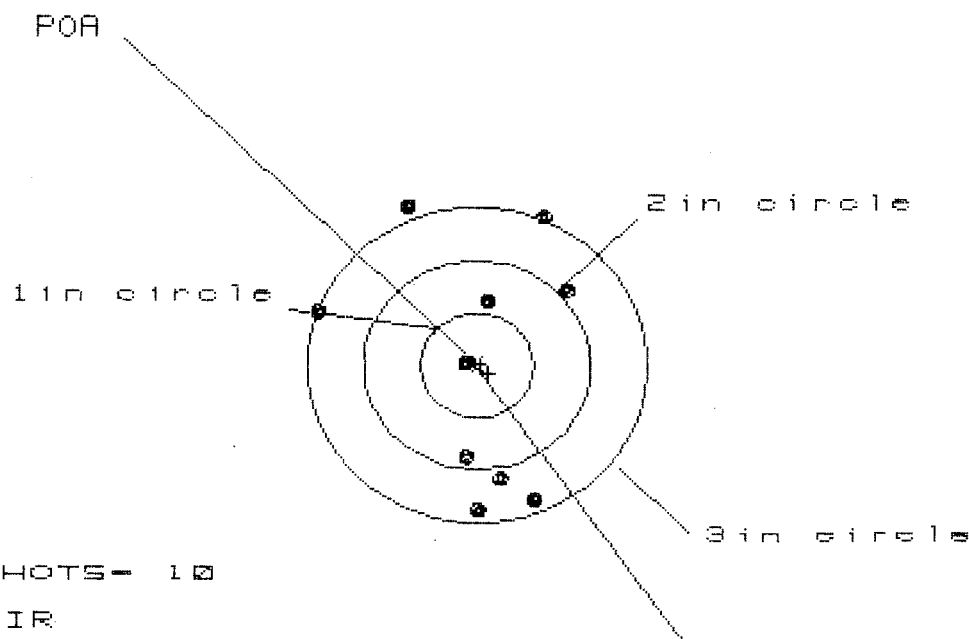
CENTROID #

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.930
MINIMUM X	-.784
MAXIMUM Y	1.168
MINIMUM Y	-.880
CENTROID X	-.042
CENTROID Y	-.125
POA TO CENTROID in.	.132
MIN RADIUS	.055
MEAN RADIUS	.689
MAX RADIUS	1.231
HORIZONTAL SPREAD	1.715
VERTICAL SPREAD	2.048
EXTREME SPREAD	2.182
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	9
NUMBER IN THREE INCH CIRCLE =	10

14 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587669

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.249

VS= 2.837

GS= 2.980

CENTROID #

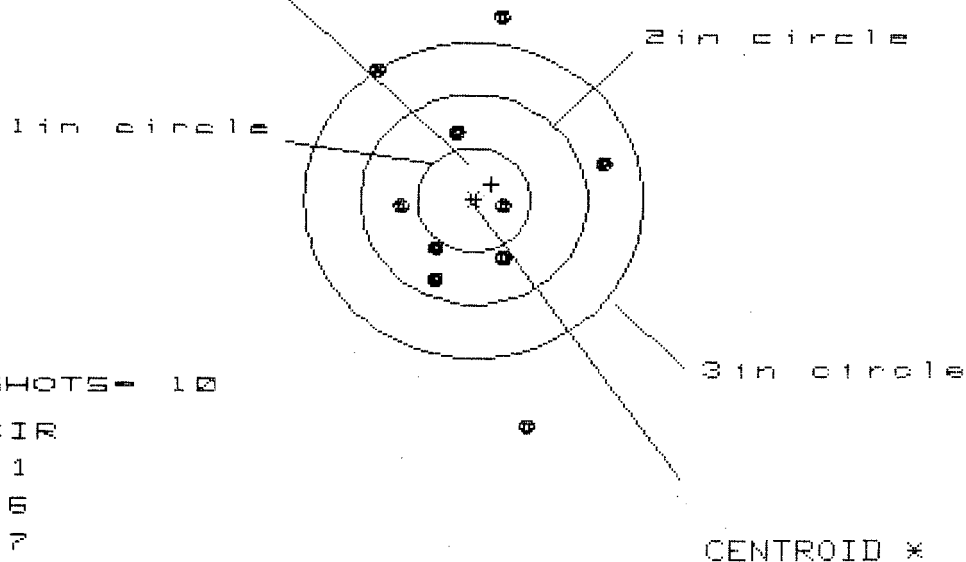
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.815	.749	.821
MINIMUM X	:	-1.434	-1.500	-1.428
MAXIMUM Y	:	1.489	1.549	1.031
MINIMUM Y	:	-1.348	-1.182	-.989
CENTROID X	:	-.096	-.030	-.102
CENTROID Y	:	.081	-.085	-.278
POA TO CENTROID in.	:	.125	.090	.296
MIN RADIUS	:	.131	.288	.430
MEAN RADIUS	:	1.117	1.058	.963
MAX RADIUS	:	1.603	1.651	1.656
HORIZONTAL SPREAD	:	2.249	2.249	2.249
VERTICAL SPREAD	:	2.837	2.731	2.020
EXTREME SPREAD	:	2.980	2.795	2.601
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			7	

14 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587663

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 2.009

VS= 3.896

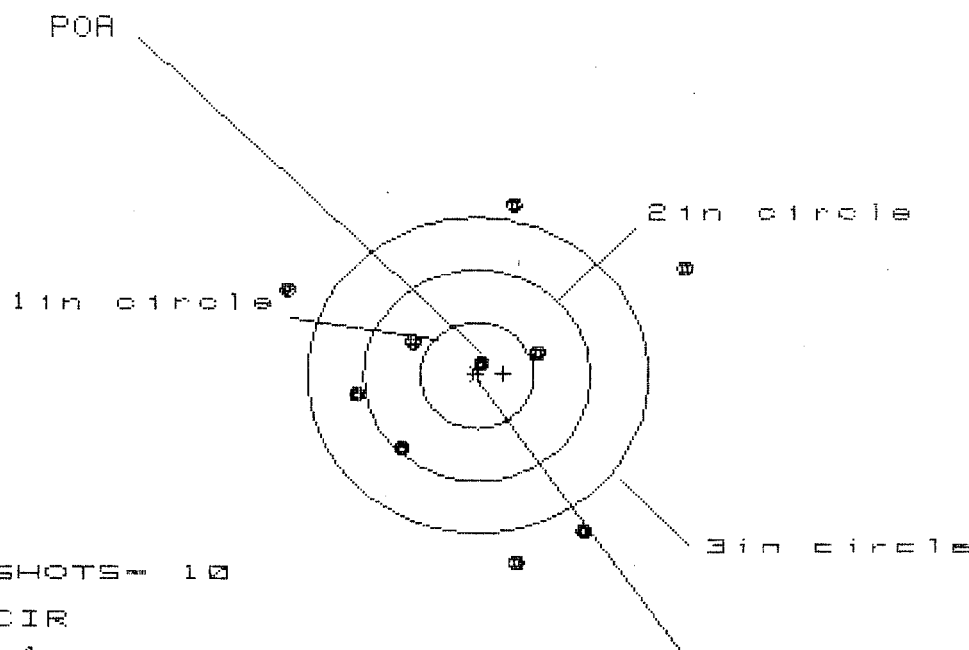
GS= 3.907

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.117	1.172	1.205
MINIMUM X	:	-.892	-.837	-.804
MAXIMUM Y	:	1.771	1.535	1.218
MINIMUM Y	:	-2.125	-.967	-.776
CENTROID X	:	-.155	-.210	-.243
CENTROID Y	:	-.145	.091	-.100
POA TO CENTROID in.	:	.212	.229	.263
MIN RADIUS	:	.290	.416	.384
MEAN RADIUS	:	1.034	.918	.800
MAX RADIUS	:	2.182	1.557	1.459
HORIZONTAL SPREAD	:	2.009	2.009	2.009
VERTICAL SPREAD	:	3.896	2.502	1.993
EXTREME SPREAD	:	3.907	2.556	2.190
NUMBER IN ONE INCH CIRCLE =	:	1		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	7		

14 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587669

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

HS= 3.507

VS= 3.424

GS= 3.514

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.806	1.117	.930
MINIMUM X	-1.701	-1.500	-1.032
MAXIMUM Y	1.609	1.726	1.849
MINIMUM Y	-1.815	-1.698	-1.575
CENTROID X	-.234	-.435	-.248
CENTROID Y	-.016	-.133	-.255
POA TO CENTROID in.	.235	.455	.356
MIN RADIUS	.107	.335	.333
MEAN RADIUS	1.248	1.147	1.074
MAX RADIUS	2.090	1.801	1.877
HORIZONTAL SPREAD	3.507	2.617	1.962
VERTICAL SPREAD	3.424	3.424	3.424
EXTREME SPREAD	3.514	3.514	3.424
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		