

06349176

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

5002 0256

GUN SERIAL # C6349176

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun		89	RW
612	Magnaflux Barrel Action		11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber		11/2/89	C.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-10-89	K
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-10-89	K
	C) Inspect Ejector Hole for Chamfer		11-10-89	K
	D) Oil Firing Pin Ass'y		11-10-89	AC
	E) Adjust Trigger Pull to Min Setting and Stake		11-10-89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			10/28/89	JS
	G) Safety Off Force	3	3	3			10/28/89	JS
	H) Trigger Pull Test & Retainability						10/28/89	JS
	I) Firing Pin Indent	.021	.021	.0215			10/28/89	JS
	J) Assemble Stock						11-16-89	K
	K) Assemble Swivel Studs						11/16/89	JS
	L) Attach Front and Rear Sight Assemblies						11-16-89	K
	M) Iron Sight Alignment						11-16-89	K
	N) Detach Front & Rear Sights & place in numbered container						11-16-89	K
	O) Attach Scope to Rifle						11/16/89	JS
	P) Detach & Attach Scope 20 Times						11/16/89	JS
640	Gallery Target & Test						11-27-89	DH
	A) Time						11-27-89	DH
	B) Malfunctions						11-27-89	DH
	C) Pierced Primers						11-27-89	DH
	D) Optical Clarity of Scope						11-27-89	DH
645	Inspect for Live Ammo						11-27-89	DH
655	Final Inspection							
	A) Headspace						11/28/89	JS
	B) Trigger Pull	248	240	240	242	245	11/28/89	JS
	C) Function						11/28/89	JS
660	Pack						12/28/89	JS

RC-31

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349176DATE 3-10-90TESTER AM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.51	2.26		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.53	2.15		
PULL #3	2.13	2.58	2.23		
PULL #4	2.24	2.52	2.29		
PULL #5	2.31	2.55	2.46		
TOTAL	11.57	12.69	11.39		
AVG.	2.314	2.538	2.278		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.47		
PULL #2	3.49	3.70		
PULL #3	3.54	3.30		
PULL #4	3.51	3.22		
PULL #5	3.52	3.37		
TOTAL	17.51	17.06		
AVG.	3.502	3.412		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.47		4.10
PULL #2	4.53	4.50		4.18
PULL #3	4.60	4.55		4.13
PULL #4	4.23	4.52		4.24
PULL #5	4.35	4.49		4.33
TOTAL	22.08	22.52		20.98
AVG.	4.416	4.504		4.196

MOD.		GA. CAL.	GUN #	ASSEM. #
#	DATE	MALFUNCTION/DEFECT		
TEST	1st	11-27-89 shot burst don't eject		
	2nd	Shot OK —		Ru
	3rd			
	4th			
		FUNCTION		RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector hole	
TEST	Polish Ejector	
TGT	12/8/89	
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349176
27 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.580166
1 TO	2	.827162
1 TO	3	.379258
1 TO	4	.257484
1 TO	5	.349193

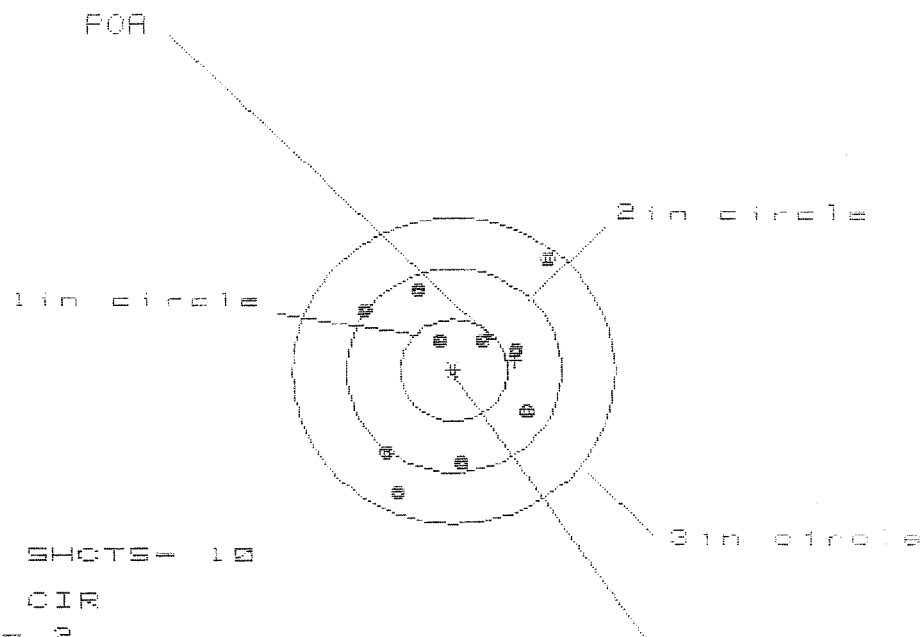
$\sqrt{.5+2}$ <----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2748
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0634
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .282019
THE AMR FOR THIS RIFLE IS: .8708

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06345126

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.593

VS= 2.370

GS= 2.747

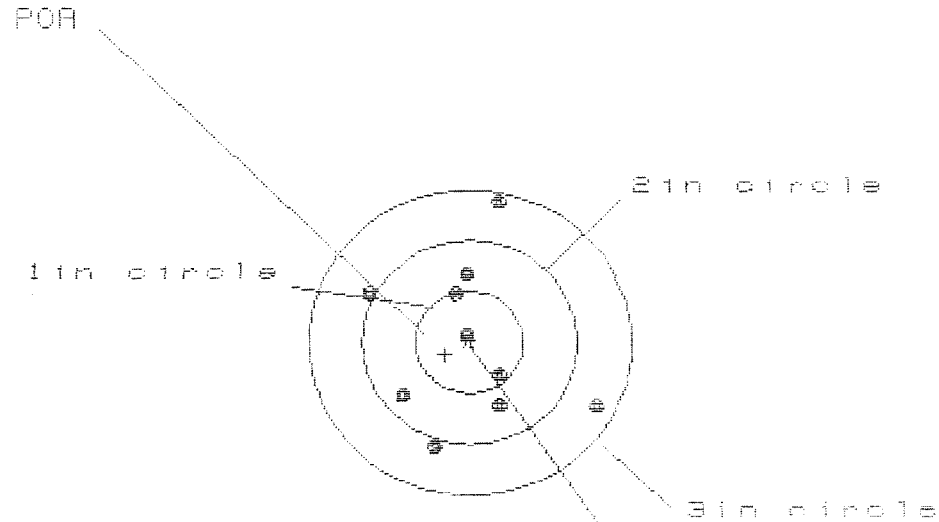
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.883	.765	.714
MINIMUM X	-.810	-.712	-.763
MAXIMUM Y	1.130	.894	.755
MINIMUM Y	-1.240	-1.115	-.914
CENTROID X	-.572	-.670	-.619
CENTROID Y	-.097	-.222	-.083
POA TO CENTROID in.	.580	.706	.625
MIN RADIUS	.280	.383	.251
MEAN RADIUS	.863	.812	.732
MAX RADIUS	1.434	1.187	1.005
HORIZONTAL SPREAD	1.693	1.477	1.477
VERTICAL SPREAD	2.370	2.009	1.669
EXTREME SPREAD	2.747	2.014	1.753
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08345178

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.027

VS= 2.319

GS= 2.394

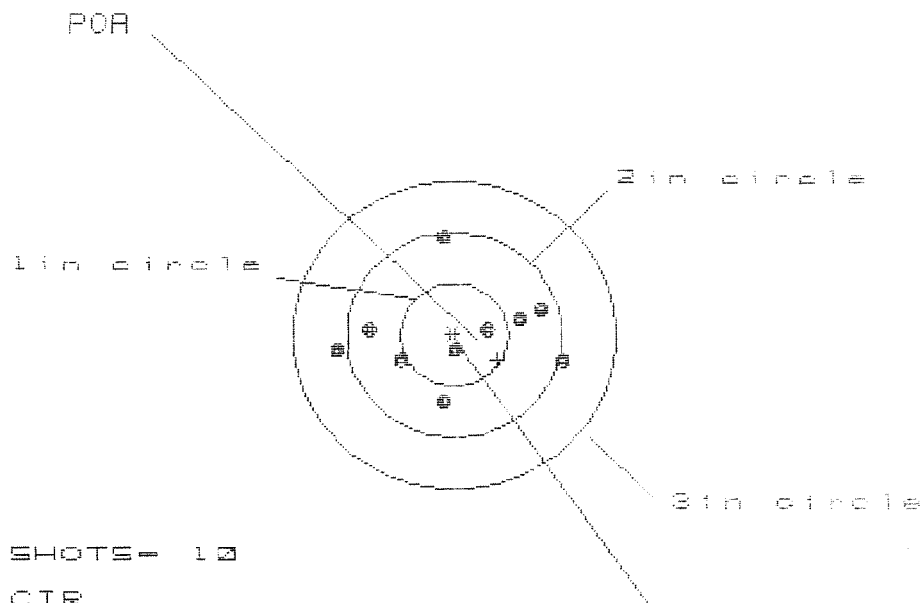
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.133	1.165	.489
MINIMUM X	:	-.895	-.862	-.716
MAXIMUM Y	:	1.343	.782	.725
MINIMUM Y	:	-.976	-.827	-.884
CENTROID X	:	.227	.195	.049
CENTROID Y	:	.117	-.032	.025
POA TO CENTROID in.	:	.256	.197	.055
MIN RADIUS	:	.098	.249	.260
MEAN RADIUS	:	.782	.719	.651
MAX RADIUS	:	1.375	1.250	.905
HORIZONTAL SPREAD	:	2.027	2.027	1.285
VERTICAL SPREAD	:	2.319	1.609	1.609
EXTREME SPREAD	:	2.394	2.288	1.633
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349178

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS = 2.0000

VS = 1.637

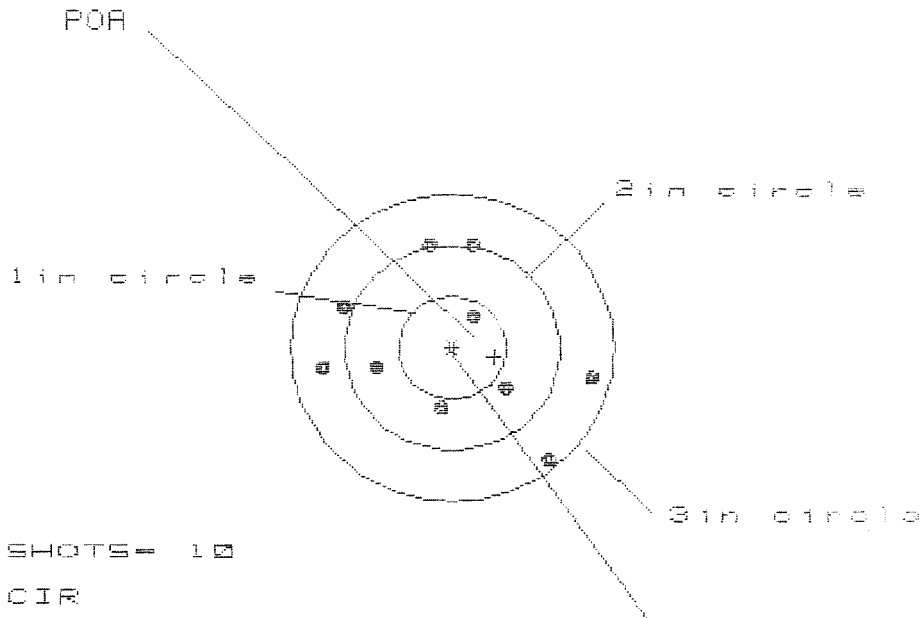
GS = 2.0000

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.961	.836	.773
MINIMUM X	:	-1.129	-.938	-.834
MAXIMUM Y	:	.953	.934	.896
MINIMUM Y	:	-.684	-.703	-.741
CENTROID X	:	-.406	-.281	-.386
CENTROID Y	:	.244	.263	.381
POA TO CENTROID in.	:	.474	.385	.489
MIN RADIUS	:	.134	.190	.190
MEAN RADIUS	:	.703	.640	.614
MAX RADIUS	:	1.141	.963	.906
HORIZONTAL SPREAD	:	2.090	1.774	1.606
VERTICAL SPREAD	:	1.637	1.637	1.637
EXTREME SPREAD	:	2.090	1.811	1.637
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08349178

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.497

VS= 2.071

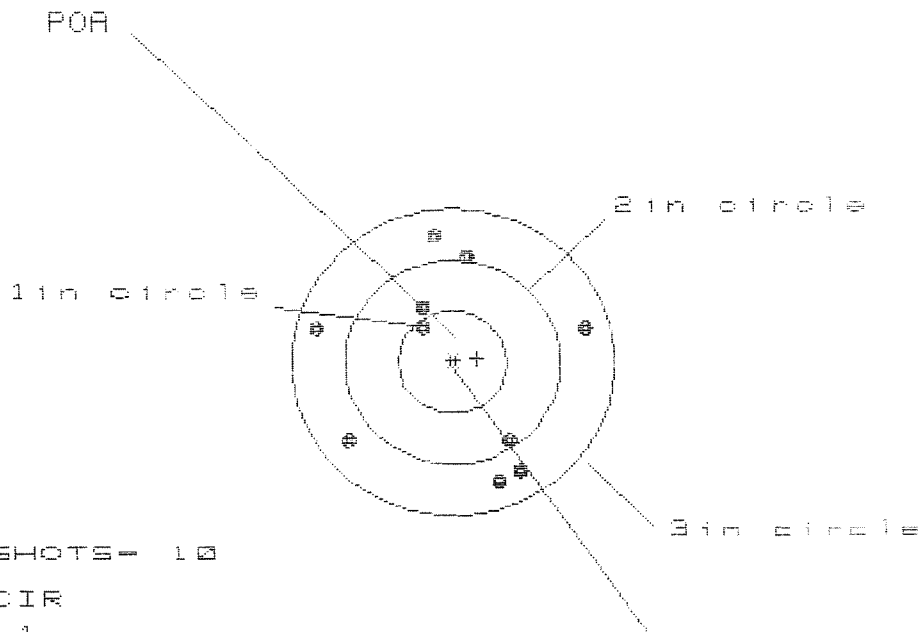
GS= 2.502

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.317	1.417	.778
MINIMUM X	:	-1.180	-1.080	-.983
MAXIMUM Y	:	1.012	.894	.838
MINIMUM Y	:	-1.059	-.685	-.741
CENTROID X	:	-.395	-.495	-.672
CENTROID Y	:	.090	.208	.264
POA TO CENTROID in.	:	.405	.537	.722
MIN RADIUS	:	.374	.381	.531
MEAN RADIUS	:	.936	.876	.789
MAX RADIUS	:	1.392	1.486	.979
HORIZONTAL SPREAD	:	2.497	2.497	1.681
VERTICAL SPREAD	:	2.071	1.579	1.579
EXTREME SPREAD	:	2.502	2.502	1.645
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349176

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 10

HS = 2.559

VS = 2.411

GS = 2.560

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.256	1.111	.665
MINIMUM X	-1.383	-1.160	-1.022
MAXIMUM Y	1.258	1.297	1.338
MINIMUM Y	-1.153	-1.114	-1.073
CENTROID X	-.228	-.083	-.222
CENTROID Y	-.037	-.076	-.117
POA TO CENTROID in.	.231	.113	.251
MIN RADIUS	.406	.539	.471
MEAN RADIUS	1.070	1.040	1.012
MAX RADIUS	1.350	1.362	1.349
HORIZONTAL SPREAD	2.559	2.271	1.687
VERTICAL SPREAD	2.411	2.411	2.411
EXTREME SPREAD	2.560	2.497	2.489
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	10		




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

MODEL 700™ H24

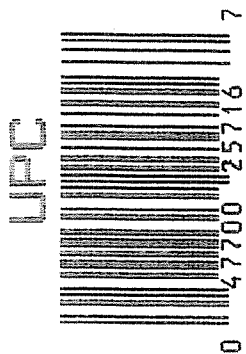
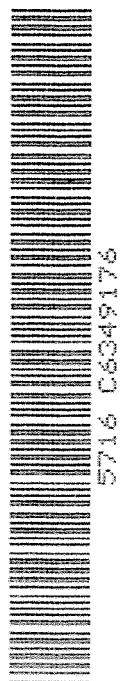
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

SERIAL NO.
C6349176

ORDER NO.
5716

REG. U.S. PAT. & TM. OFF.

01



RECEIVING AND ESTIMATING REPORT

COMMENTS

R 99-04911

INITIAL
SWSCUSTOMER ORDER NO.
AETB-BGR-CA

W/SCOPE, RI-POD

Scope S/N 89-0256

DATE RECEIVED 02/12/99	DATE OPENED 02/18/99	DATE CODE RJ 11-89	SERIAL NUMBER C6349176	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO/M24
ACCESSORIES W/STUDS		SOFT CASE		W/SCOPE MOUNTS		

FROM:

SHIP TO:

DEPARTMENT OF THE ARMY
HDQTS 2ND BATTN 2ND INFANTRY
1ST INFANTRY DIVISION
APO AE

NY 09112

CUST NO: 205685 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

FROM DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

First time for Repair
about Dec 89

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

Barrel
Stock

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

HDDMS REV. 7/87

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400109531



DEPARTMENT OF THE ARMY
HEADQUARTERS, 2ND BATTALION, 2ND INFANTRY
1ST INFANTRY DIVISION
APO AE 09112

REPLY TO
ATTENTION OF

AETB-BGR-C4

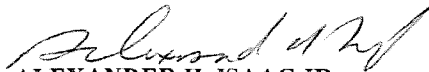
6 FEB 99

MEMORANDUM FOR REMINGTON ARMS CO. (ATTN: ~~Mr. Jerry Beigh~~), SWS, 14 Hoefler
Ave., Ilion, NY 13357, 1-800-895-3240

SUBJECT: Inoperable Sniper Weapon System

RE: Serial # C6349176

1. Due to immediate mission requirements, request the immediate inspection, repair / replacement of the above mentioned weapon system.
2. The system will not hold a group at 100 meters (zeroing range). It shoots an inconsistent grouping of approximately 6 inches.
3. Additionally, the securing Allen screw on the trigger housing closest to the barrel is stripped. Aside from these obvious problems, the barrel may have incurred significant changes during the history of the weapon.
4. POC for this action is the undersigned at 011-499-662-83-2304 or 2314.


ALEXANDER H. ISAAC JR.
CPT, IN
S-4

U.S. GOVERNMENT BILL OF LADING		MEMO	
1. TRANSPORTATION COMPANY TENDERED TO FEDERAL EXPRESS, INC.		2. SCAC FEDX	3. DATE B/L PREPARED 990212
5. DESTINATION (Name, address and ZIP code) REMINGTON ARMS INC. (CMAM22) 14 HOEFLER AVE/ATTN: SWS ILION NY 13357-1816		6. SPLC(Dest.) 172856000	4. ROUTE ORDER/RELEASE NUMBER
		7. SPLC(Orig.) 197234240	8. ORIGIN (Name, address and ZIP code) 305 APS/TRTF (FB4484) 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270
9. CONSIGNEE (Name, address and ZIP code) REMINGTON ARMS INC. (CMAM22) 14 HOEFLER AVE/ATTN: SWS ILION NY 13357-1816		10. GBLOC (Consignee) 1001	11. SHIPPER (Name, address and ZIP code) 305 APS/TRTF (FB4484) 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270
12. APPROPRIATION CHARGEABLE A2DR		13. BILL CHARGES TO (Dept./agency, bureau/office mailing addr. & ZIP) DEFENSE FINANCE AND ACCOUNTING DFAS-RI, BLDG 68 ROCK ISLAND IL 61299-8000	
14. VIA (Route shipment when advantageous to the Government) FEDX		AGENCY LOC CODE	
15. MARKS AND ANNOTATIONS (if extra services are ordered, see Administrative Directions No. 2 on reverse) PRI: 1 DDD: 990216			

*Show also cubic measurements for shipments via
air, truck or water carrier in cases where required

M2400109533

U.S. GOVERNMENT BILL OF LADING		MEMO	B/L NO. > M2389864
1. TRANSPORTATION COMPANY TENDERED TO FEDERAL EXPRESS, INC.	2. SCAC FEDX	3. DATE B/L PREPARED 990212	4. ROUTE ORDER/RELEASE NUMBER
5. DESTINATION (Name, address and ZIP code) REMINGTON ARMS INC. (CMAM22) 14 HOFFLER AVE/ATTN: SWS ILION NY 13357-1816	6. SPLC(Dest.) 172856000	8. ORIGIN (Name, address and ZIP code) 305 APS/TRTF (FB4484) 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270	
	7. SPLC(Orig.) 197234240		
9. CONSIGNEE (Name, address and ZIP code) REMINGTON ARMS INC. (CMAM22) 14 HOFFLER AVE/ATTN: SWS ILION NY 13357-1816	10. GBLOC (Consignee) I001	11. SHIPPER (Name, address and ZIP code) 305 APS/TRTF (FB4484) 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270	
12. APPROPRIATION CHARGEABLE A2DR		13. BILL CHARGES TO (Dept./agency, bureau/office mailing addr. & ZIP) DEFENSE FINANCE AND ACCOUNTING DFAS-RI, BLDG 68 ROCK ISLAND IL 61299-8000	
14. VIA (Route shipment when advantageous to the Government) FEDX		AGENCY LOC CODE	
15. MARKS AND ANNOTATIONS (if extra services are ordered, see Administrative Directions No. 2 on reverse) PRI: 1 DDD: 990216			

16. PACKAGES		17. HM	18. DESCRIPTION OF ARTICLES (Use carrier's classification or tariff description if possible otherwise use a clear nontechnical description)		19. WEIGHT (Pounds only)	FOR USE OF BILLING CARRIER ONLY		
NO.	KIND					Services	Rate	Charges
1	CT		CLASSIFICATION ITEM NO. NMFC999912 TCN: WK4F4Q90390001XXX CUBE: 7 ECONOMY TWO-DAY SERVICE REQUIRED RDD 16 FEB 99		64			.
						TOTAL CHARGES		.
20. TARIFF/SPECIAL RATE AUTHORITY FEDX 000021-00			21. PICKUP SERV. FURNISHED [X] Yes VEHICLE FULLY LOADED [] Yes		Shipper's Initials	22. CARRIER WAY/FREIGHT BILL NO. AND DATE		
23. STOP THIS SHIPMENT AT			24. FURNISH INFORMATION ON CAR/TRUCKLOAD/CONTAINER SHIPMENTS					
			INITIALS & NO.	SEAL NUMBERS	LENGTH/CUBE	MARKED CAPACITY		DATE FURNISHED
FOR:			APPLIED BY:					990212
25. CARRIER'S PICKUP DATE (Year, month, & day) 990212			26a. SIGNATURE OF AGENT		26b. PER FEDX	B/L NUMBER M2389864		
27. MODE QQ	28. ESTIMATE 38.00	29. NO. OF CLS/TLS 1	30. TYPE RATE 5	31. PSC P	32. REASON P	Received by the transportation company named above, subject to conditions named on the reverse hereof, the property hereinafter described, in apparent good order and condition (contents and value unknown), to be forwarded to destination by the said company and connecting lines, there to be delivered in like good order and condition to said consignee.		
FOR USE OF ISSUING OFFICE					CERTIFICATE OF CARRIER BILLING-CONSIGNEE MUST NOT PAY ANY CHARGES			
33a. ISSUING OFFICE (Name and complete address) 305 APS/TRTF 1702 VANDENBERG AVENUE (FB4484) MCGUIRE AFB NJ 08641-5270					33b. GBLOC AQFL	34a. DELIVERED ON (Year, month & day) / /		34b. AT (actual delivery point)
33c. ISSUING OFFICER ROBERT J. VIDINHA, TA FOR TMO					34c. BY (Name of delivering carrier)			
33d. CONTRACT/PURCHASE ORDER NO. OR OTHER AUTHORITY					33e. DATED 990212	34d. DELIVERED THIS CONSIGNMENT COMPLETE & IN APPARENT GOOD ORDER EXCEPT AS MAY BE INDICATED [] SHORTAGE [] DAMAGED		
33f. FOB POINT NAMED IN CONTRACT CWB					34e. [] CARRIER OS&D REPORT ATTACHED [] DELIVERY AT DESTINATION FURNISHED [] ACCESSORIAL SERVICES CERTIFICATION ATTACHED		34f. NAME OF BILLING CARRIER	
							34g. SIGNATURE OF CARRIER'S AGENT	

STANDARD FORM 1103-A (Rev. 4-85)
PRESCRIBED BY GSA, FPMR (41 CFR) 101-41.3

M2400109534

FROM: CPT Isaac, S-4, 2-2 IN, APO AE 09112

DATE: 2 FEB 99

MEMORANDUM FOR: Branch Movement Control Team (BCMT) Vilseck APO AE 09112-5420

SUBJECT: Transportation Movement Request

DESTINATION (DODAAC, UNIT, APO, LOCATION, POC & PHONE NO)

Remington Arms Co. SWS, 14 Hoefler Ave., Ilion, NY 13357, Mr. Jerry Beigh,
1-315-895-3240

ORIGIN (DODAAC, UNIT, APO, LOCATION, POC & PHONE NO)

W9ØK4F, HHC, 2-2 IN, APO AE 09112, Vilseck, CPT Isaac (S-4), 476-2304

DESCRIPTION OF GOODS

	NSN	USA#	SER#	Serv.	Unserv.	Oversize
Rifle, 7.62 mm:	1005-01-240-2136	N/A	C6349176		X	
Sniper, M24						

TOTAL WEIGHT (lbs.)	TOTAL CUBE	PRIORITY	HEIGHT (enter only when oversize)	WIDTH	LENGTH
64 lbs.			18"	13 3/4"	51

MODE OF SHIPMENT

Rail	Highway	☒ Air	Water	N/A	Number and type of truck/trailer
------	---------	--------------------------------------	-------	-----	-------------------------------------

ADDITIONAL INFORMATION

SIGNATURE	<u>Alexander H. Isaac Jr.</u>	RANK	<u>ALEXANDER H. ISAAC JR.</u>	PHONE NO.	<u>476-2304</u>
			<u>CPT, IN</u>		<u>011-499-662-83-2301</u>
			<u>S-4</u>		

PROCESSING INFORMATION

REQ. FWD TO	_____	TMR#	_____
BY NAME/DATE	_____	RDD	_____
BACKL. PERM. RCD	_____		
CONFIRM. RCD	_____		

DATES	Spotting	_____
	Departure	_____
	Arrival	_____

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349176
30 Mar 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0212
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1676
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .168935

THE AMR FOR THIS RIFLE IS: .976

CENTROIDAL DISTANCES

0 TO 1	.0383275
1 TO 2	.246941
1 TO 3	.466512
1 TO 4	.207171
1 TO 5	.375449

4 <----POA
3 2 5

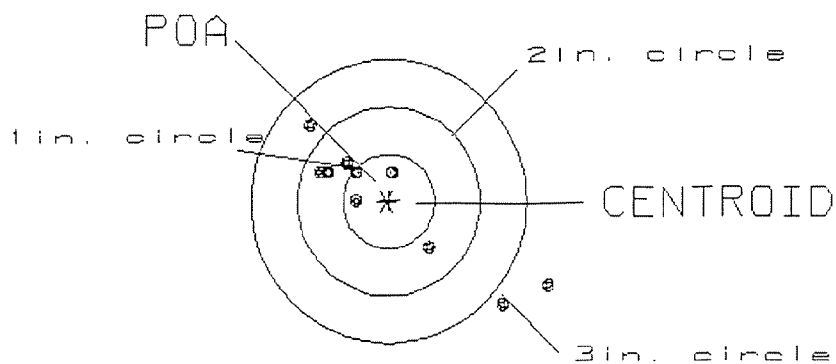
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .038
 MIN RADIUS : .347
 MEAN RADIUS : .889
 MAX RADIUS : 1.924
 CENTROID X : -.037
 CENTROID Y : -.010

30 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.53

3

VS= 1.89

7

GS= 3.06

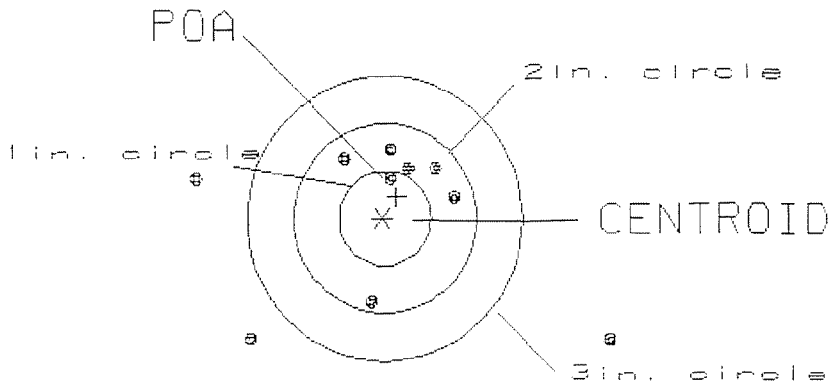
8

PATTERN #: 2
 POA TO CENTROID: .274
 MIN RADIUS : .454
 MEAN RADIUS : 1.178
 MAX RADIUS : 2.810
 CENTROID X : -.153
 CENTROID Y : -.228

30 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.54
 US= 2.01
 GS= 4.86

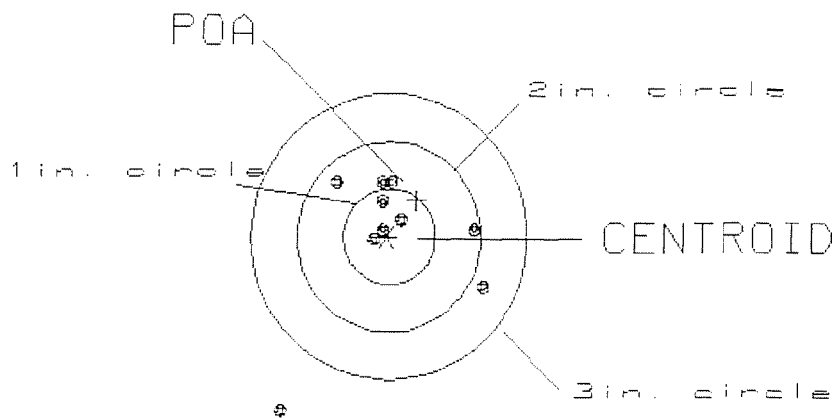
1
 7
 7

PATTERN #: 3
 POA TO CENTROID: .498
 MIN RADIUS : .129
 MEAN RADIUS : .712
 MAX RADIUS : 2.194
 CENTROID X : -.325
 CENTROID Y : -.377

30 Mar 1999

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.18
 VS= 2.48
 GS= 2.83

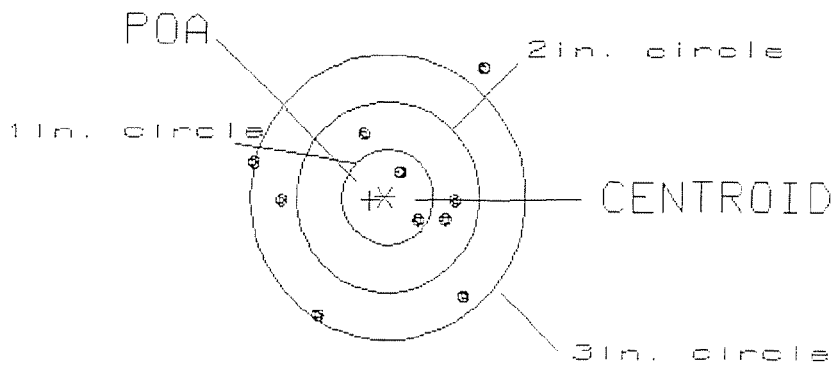
4
 6
 9

PATTERN #: 4
 POA TO CENTROID: .168
 MIN RADIUS : .286
 MEAN RADIUS : .986
 MAX RADIUS : 1.721
 CENTROID X : .165
 CENTROID Y : .036

30 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.48
 VS= 2.57
 GS= 3.12

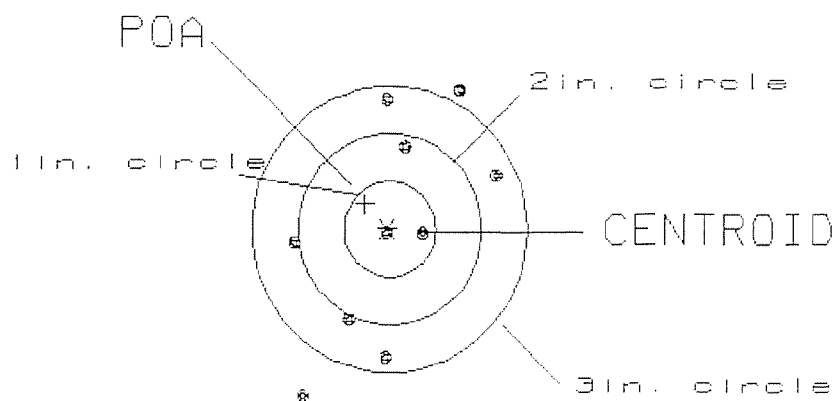
2
 5
 3

PATTERN #: 5
 POA TO CENTROID: .356
 MIN RADIUS : .071
 MEAN RADIUS : 1.115
 MAX RADIUS : 1.978
 CENTROID X : .244
 CENTROID Y : -.259

30 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.23

2

VS= 3.20

3

GS= 3.65

8

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349176
26 Mar 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0392
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0044
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0394462

THE AMR FOR THIS RIFLE IS: 1.286

CENTROIDAL DISTANCES

0 TO	1	.651627
1 TO	2	.843499
1 TO	3	.790302
1 TO	4	.900601
1 TO	5	.916201

5₂
+ 3 <----POA

1

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .652

MIN RADIUS : .430

MEAN RADIUS : 1.429

MAX RADIUS : 3.784

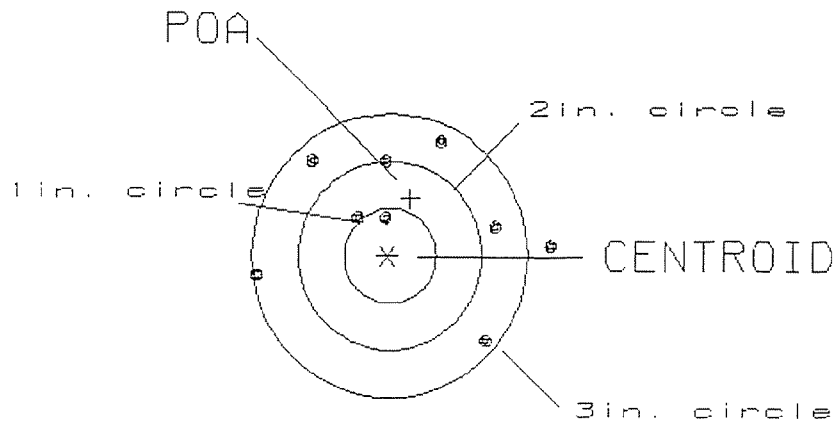
CENTROID X : -.247

CENTROID Y : -.603

26 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.57

1

VS= 4.54

2

GS= 5.12

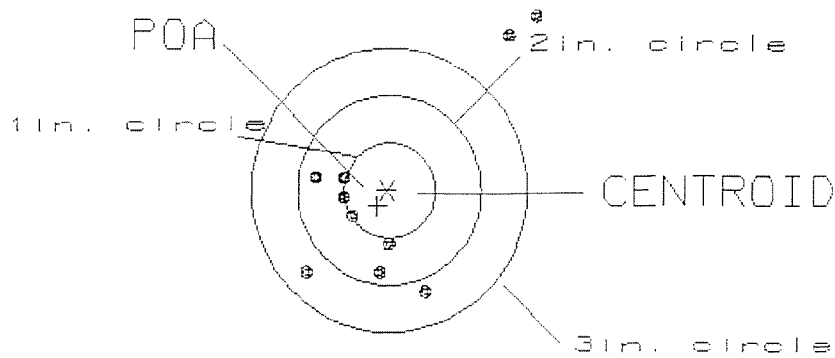
8

PATTERN #: 2
 POA TO CENTROID: .194
 MIN RADIUS : .469
 MEAN RADIUS : 1.074
 MAX RADIUS : 2.433
 CENTROID X : .104
 CENTROID Y : .164

26 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

H3= 2.55

1

V5= 2.87

6

G6= 3.73

8

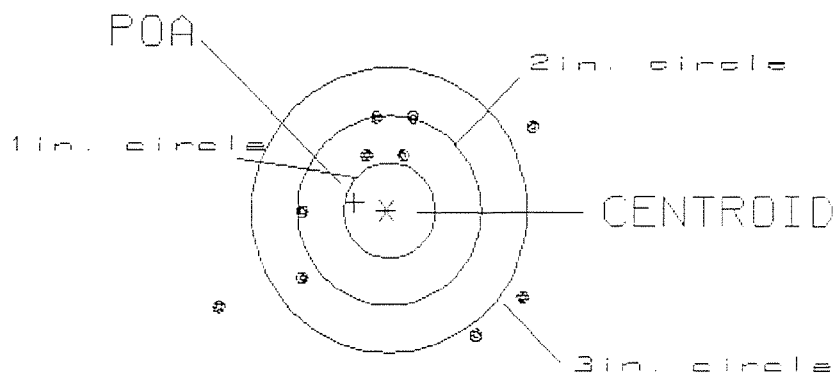
PATTERN #: 3

POA TO CENTROID: .359
 MIN RADIUS : .598
 MEAN RADIUS : 1.255
 MAX RADIUS : 2.104
 CENTROID X : .349
 CENTROID Y : -.084

26 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.32

0

US= 2.32

4

GS= 3.83

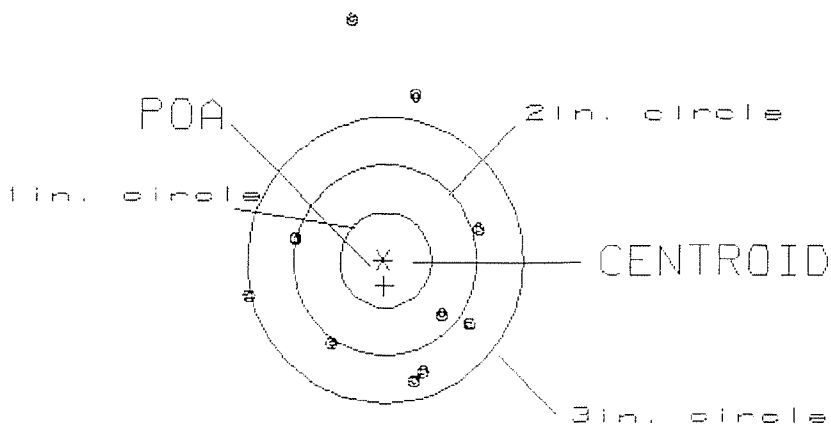
6

PATTERN #: C 4 C
 POA TO CENTROID: .268
 MIN RADIUS : .811
 MEAN RADIUS : 1.361
 MAX RADIUS : 2.564
 CENTROID X : -.018
 CENTROID Y : .268

26 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.49

0

VS= 3.83

1

GS= 3.89

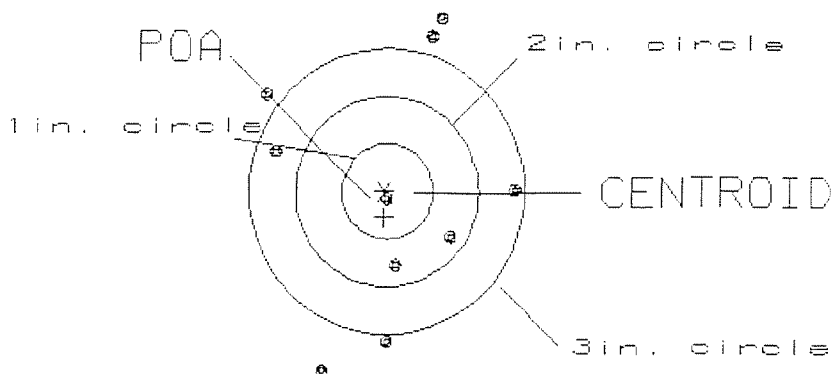
7

PATTERN #: 5
 POA TO CENTROID: .277
 MIN RADIUS : .049
 MEAN RADIUS : 1.313
 MAX RADIUS : 2.031
 CENTROID X : .008
 CENTROID Y : .277

26 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.68

1

VS= 3.75

3

GS= 3.98

6

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349176
24 Mar 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0316
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0882
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0936899

THE AMR FOR THIS RIFLE IS: 1.391

CENTROIDAL DISTANCES

0 TO 1	.0703491
1 TO 2	.218179
1 TO 3	.359555
1 TO 4	.115117
1 TO 5	.313129

2 4 5 <----POA
3

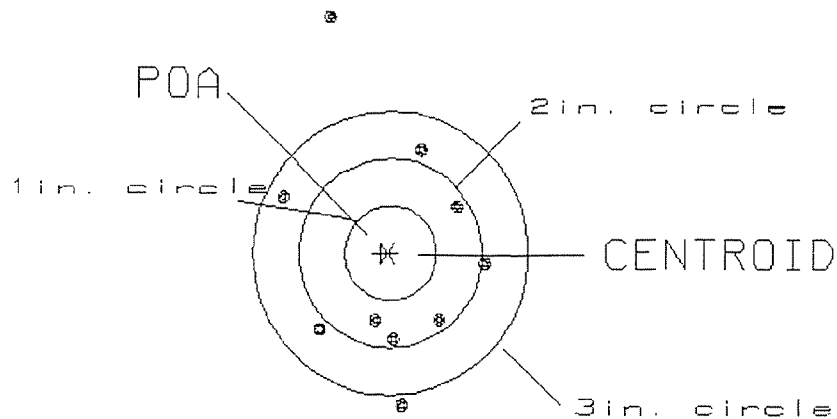
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .070
 MIN RADIUS : .706
 MEAN RADIUS : 1.234
 MAX RADIUS : 2.600
 CENTROID X : .070
 CENTROID Y : .007

24 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.28
 VS= 4.15
 GS= 4.23

0
 4
 8

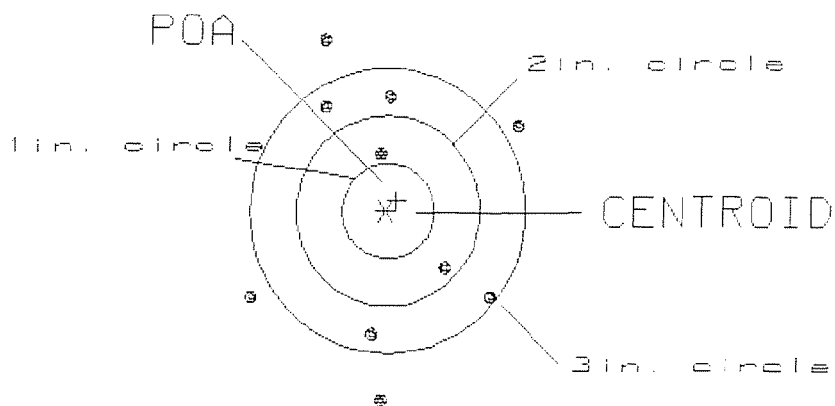
PATTERN #: 2

POA TO CENTROID: .156
 MIN RADIUS : .649
 MEAN RADIUS : 1.397
 MAX RADIUS : 1.976
 CENTROID X : -.119
 CENTROID Y : -.102

24 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.83
 VS= 3.72
 GS= 3.77

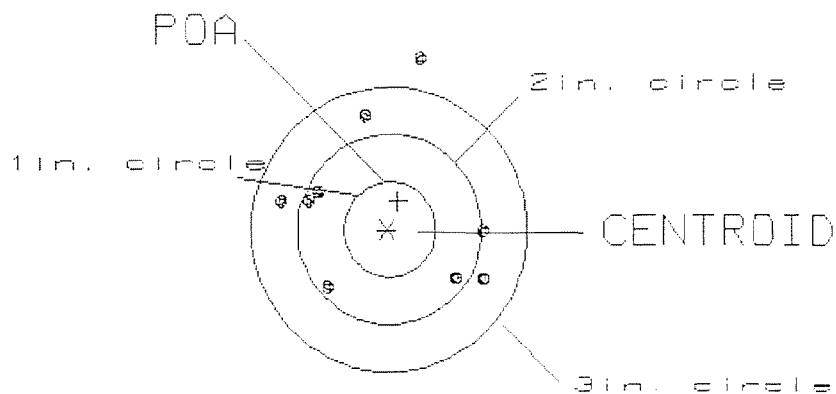
0
 2
 6

PATTERN #: 735
 POA TO CENTROID: .321
 MIN RADIUS : .843
 MEAN RADIUS : 1.245
 MAX RADIUS : 2.449
 CENTROID X : -.122
 CENTROID Y : -.297

24 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

H3= 2.20

0

VS= 4.16

4

GS= 4.19

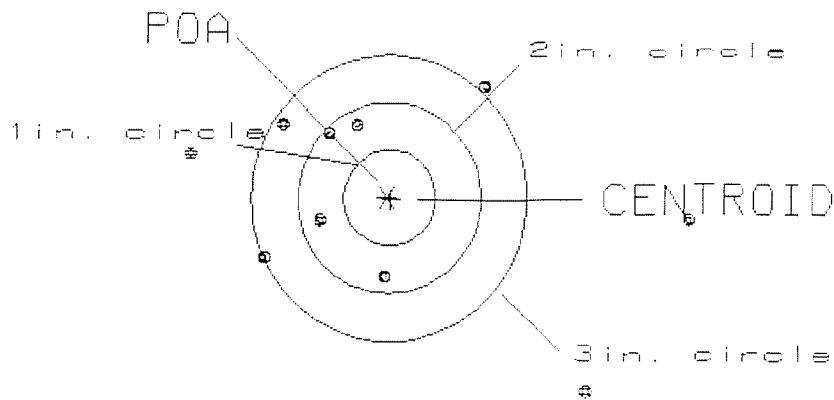
8

PATTERN #: 4
 POA TO CENTROID: .050
 MIN RADIUS : .749
 MEAN RADIUS : 1.616
 MAX RADIUS : 3.237
 CENTROID X : -.044
 CENTROID Y : .023

24 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 5.34

0

VS= 3.17

4

GS= 5.38

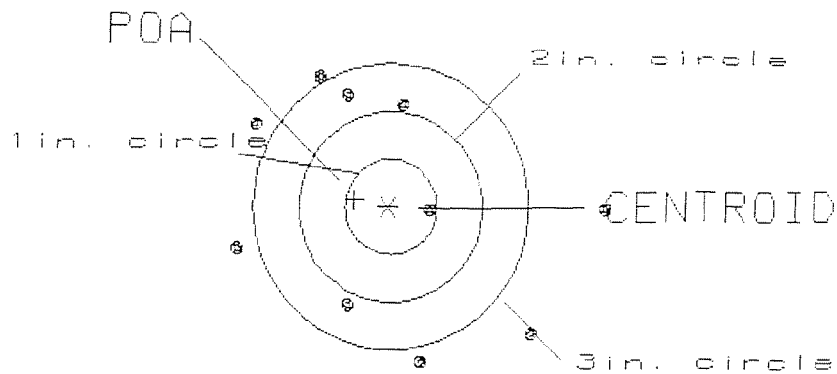
5

PATTERN #: 5
 POA TO CENTROID: .380
 MIN RADIUS : .403
 MEAN RADIUS : 1.465
 MAX RADIUS : 2.300
 CENTROID X : .373
 CENTROID Y : -.072

24 Mar 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349176

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.93

1

VS= 2.91

1

GS= 3.94

4