

06348954

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

næglej	10/21/2003	12:43 PM	CAPS	NUM	INS	SCPL

Serial Number: C6348954

Model: 700



RE00071777

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

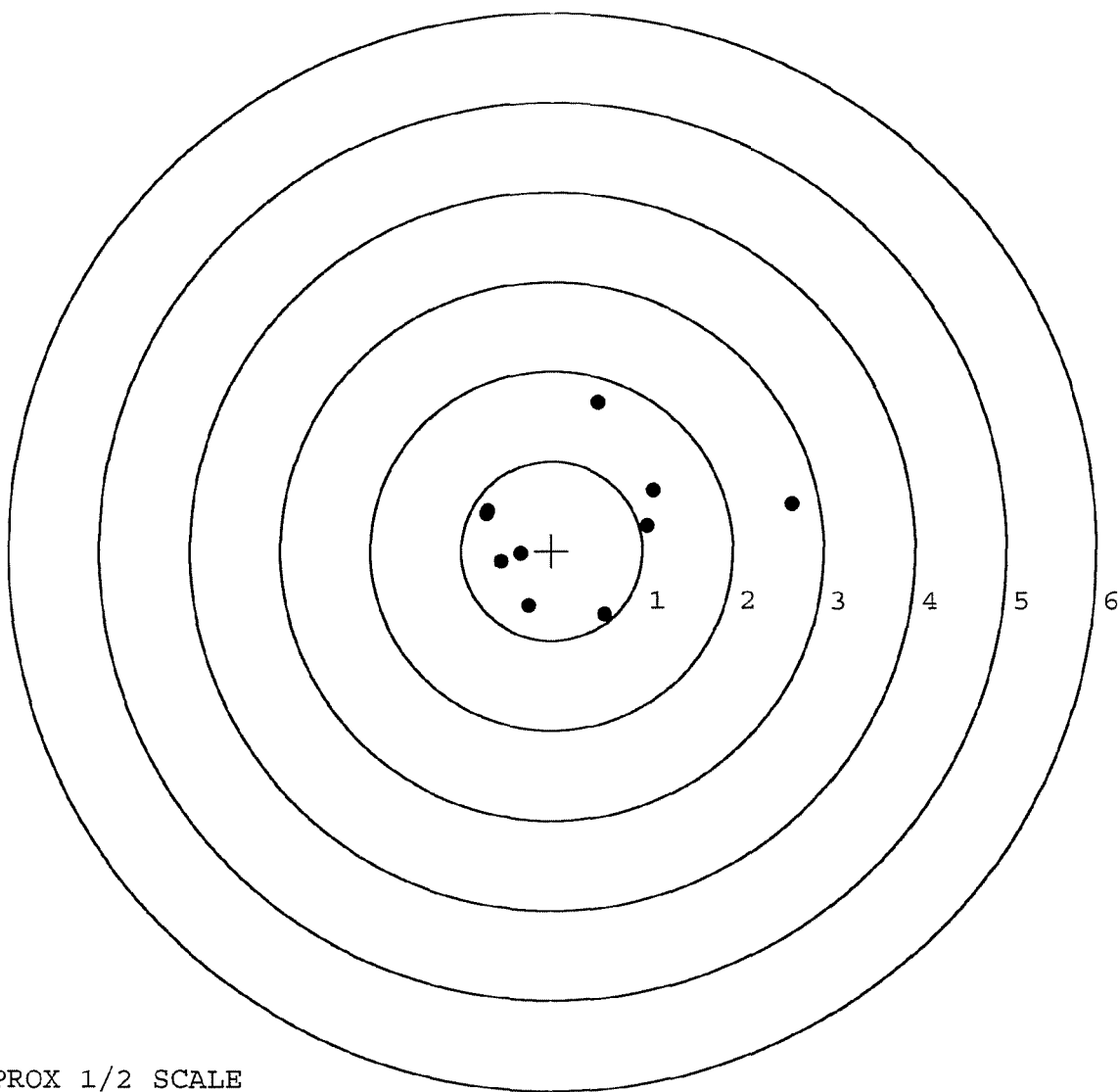
FIREARM SERIAL NUMBER / DATASET NAME: C6348954.___0

FILE DATE AND TIME: 11/13/2003 11:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.106
The Average Y Centroid of the Five Target Set:	0.077
The Average Point of Impact of the Five Target Set:	0.132
The Average Mean Radius of the Five Target Set:	0.820
The Distance from POA to Centroid Target #1:	0.416
The Distance from Centroid Target #2 to Centroid Target #1:	0.341
The Distance from Centroid Target #3 to Centroid Target #1:	0.364
The Distance from Centroid Target #4 to Centroid Target #1:	0.599
The Distance from Centroid Target #5 to Centroid Target #1:	0.284

SERIAL NUMBER: C6348954. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.513	1.655
FILE DATE: 11/13/2003	2:	2.650	0.533
FILE TIME: 11:49	3:	1.120	0.678
	4:	1.051	0.286
X CENTROID: 0.332	5:	-0.711	0.441
Y CENTROID: 0.251	6:	-0.345	-0.040
POA TO CENTROID: 0.416	7:	-0.558	-0.130
HORZ SPREAD: 3.373	8:	-0.255	-0.620
VERT SPREAD: 2.362	9:	0.580	-0.707
GROUP SPREAD: 3.375	10:	-0.723	0.413
MIN RADIUS: 0.720			
MAX RADIUS: 2.335			
MEAN RADIUS: 1.124			
# IN 1 IN DIAMETER: 0			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 9			

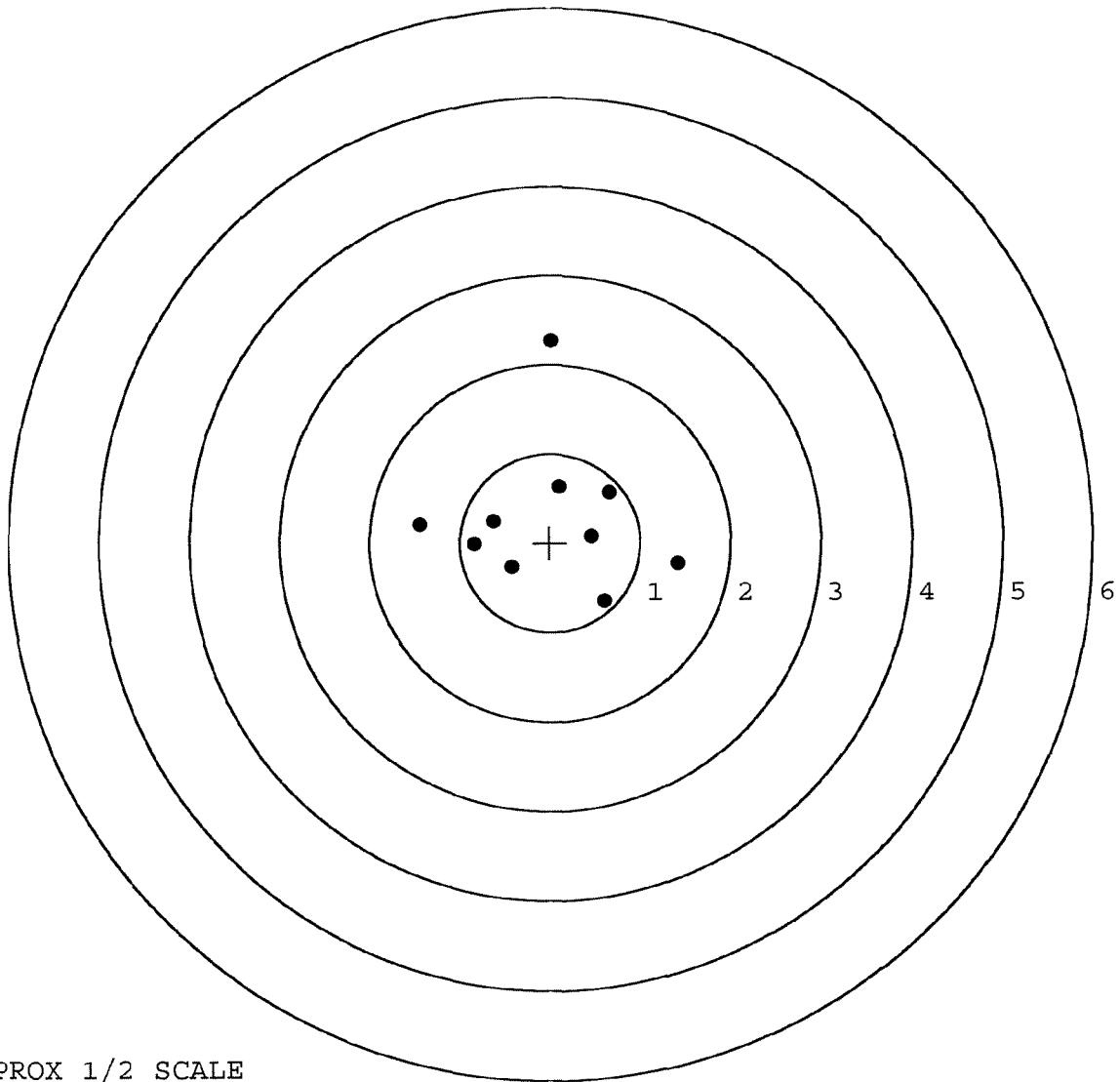


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348954. __0
 TARGET NUMBER: 2
 FILE DATE: 11/13/2003
 FILE TIME: 11:49

POINT#	X	Y
1:	0.104	0.631
2:	0.658	0.568
3:	0.455	0.075
4:	1.418	-0.227
5:	0.606	-0.659
6:	-0.628	0.245
7:	-1.446	0.202
8:	-0.836	-0.016
9:	-0.423	-0.274
10:	0.019	2.263

X CENTROID: -0.007
 Y CENTROID: 0.281
 POA TO CENTROID: 0.281
 HORZ SPREAD: 2.864
 VERT SPREAD: 2.922
 GROUP SPREAD: 2.980
 MIN RADIUS: 0.367
 MAX RADIUS: 1.982
 MEAN RADIUS: 0.985
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0042490

SERIAL NUMBER: C6348954. __0

TARGET NUMBER: 3

FILE DATE: 11/13/2003

FILE TIME: 11:49

POINT#	X	Y
1:	1.196	-0.271
2:	1.466	-0.403
3:	0.305	-0.226
4:	0.024	-1.032
5:	-0.578	-0.243
6:	-0.330	-0.129
7:	0.337	0.604
8:	0.099	0.383
9:	0.015	0.174
10:	-0.183	0.145

X CENTROID: 0.235

Y CENTROID: -0.100

POA TO CENTROID: 0.255

HORZ SPREAD: 2.044

VERT SPREAD: 1.636

GROUP SPREAD: 2.050

MIN RADIUS: 0.144

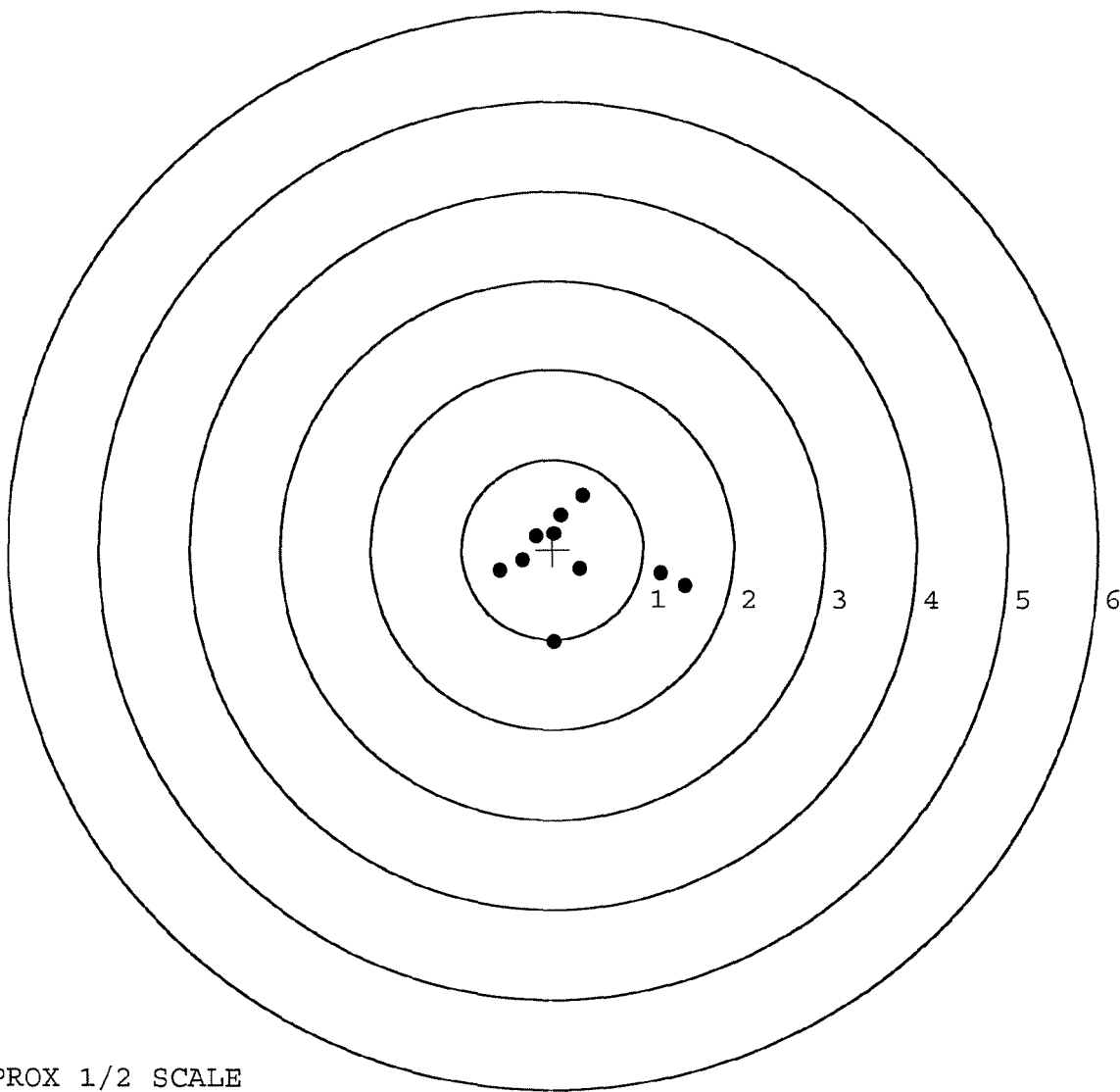
MAX RADIUS: 1.268

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



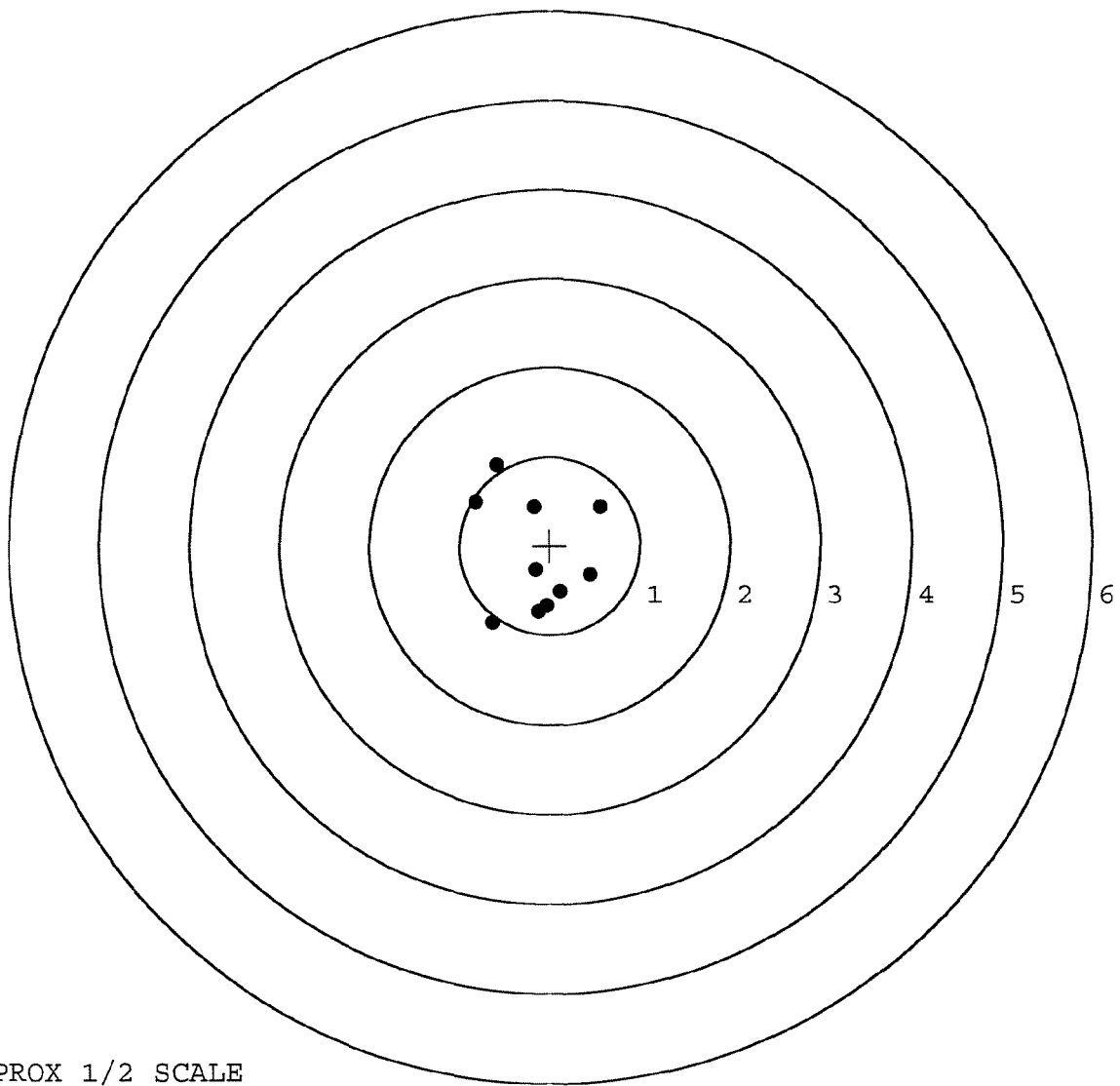
TARGET APPROX 1/2 SCALE

BARBER - M24 0042491

SERIAL NUMBER: C6348954. __0
TARGET NUMBER: 4
FILE DATE: 11/13/2003
FILE TIME: 11:49

POINT#	X	Y
1:	-0.589	0.909
2:	-0.822	0.499
3:	-0.176	0.435
4:	0.554	0.446
5:	-0.158	-0.277
6:	0.451	-0.329
7:	0.114	-0.521
8:	-0.132	-0.748
9:	-0.634	-0.873
10:	-0.039	-0.680

X CENTROID: -0.143
Y CENTROID: -0.114
POA TO CENTROID: 0.183
HORZ SPREAD: 1.376
VERT SPREAD: 1.782
GROUP SPREAD: 1.783
MIN RADIUS: 0.164
MAX RADIUS: 1.116
MEAN RADIUS: 0.687
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

[illegible]

DEPARTMENT OF THE ARMY
C Co 3/1 SFG(A)
Bldg. 9177
Fort Lewis, WA 98433
OFFICIAL BUSINESS

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

Remington Arms Co., Inc.
ATTN: Fabricated Products Dept.
14 Hoefler Avenue
Ilion, NY 13357-1816

Contract No. DAAE20-97-0242



RECEIVED BARBER - M24 0042494 REPORT

COMMENTS

ORDER

R 99-16107

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 2
ARMY CAMO

SWS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

08/10/99

08/19/99

C6348954

700 7.62NAT

SWS/M24

ACCESSORIES

W/STUDS

SCOPE BASE

ADJ BUTT FLT - PEEP SGT MT

FROM:

SHIP TO:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

CUST NO: 138744 C.O.D.L.

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

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

RAC 0073

PARTS

COMMENTS

Trigger Assy 96024

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0042494 2533

AUS. GOVERNMENT PRINTING OFFICE 1991 290-735
USE TYPEWRITER OR BALL-POINT PEN
PRESS HARD TO ASSURE LEGIBILITY ON ALL COPIES

BARBER - M24 0042495

SEND TO: **Acco 3rd BN 1st Special Forces**

REQUEST IS FROM: **1605012402136 Ea00001**

STOCK NUMBER: **5145** UNIT PRICE: **5145.00** TOTAL PRICE: **5145.00**

ITEM DESCRIPTION: **M24, Rifle 7.62mm Sniper (RFS387)**

PUBLICATION DATA: **Ser# C6225398**

DOC IDENT: **W81L8M91799110**

PRIORITY: **02**

REQ DEL DATE: **02**

ISSUED: **0** DATE POSTED: **0** INIT: **0**

DUE OUT: **0** DATE AVAILABLE: **0** INIT: **0**

RECEIVED: **0** DATE RECEIVED: **0** SIGNATURE: **0**

REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2-1)

AUS. GOVERNMENT PRINTING OFFICE 1991 290-735
USE TYPEWRITER OR BALL-POINT PEN
PRESS HARD TO ASSURE LEGIBILITY ON ALL COPIES

DA FORM 2708-1, APR 79

SEND TO: **Acco 3/1 SFA (A)**

REQUEST IS FROM: **1005012402136 ea00001**

STOCK NUMBER: **5145.00** UNIT PRICE: **\$ 5145.00** TOTAL PRICE: **\$ 5145.00**

ITEM DESCRIPTION: **RIFLE 7.62 SNIP M24**

PUBLICATION DATA: **SN: C6348954**

DOC IDENT: **W81L8P91799102**

PRIORITY: **02**

REQ DEL DATE: **02**

ISSUED: **0** DATE POSTED: **0** INIT: **0**

DUE OUT: **0** DATE AVAILABLE: **0** INIT: **0**

RECEIVED: **0** DATE RECEIVED: **0** SIGNATURE: **0**

REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2-1)

DSN 357

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

[illegible]

USAPPC V1.10

USAPPC V1.10

DEPARTMENT OF THE ARMY
COMPANY C, 3D BATTALION, 1st SPECIAL FORCES GROUP (AIRBORNE)
FORT LEWIS, WASHINGTON 98433-7034

AOSO-SFI-TB-C

02 Jun 99

MEMORANDUM FOR: Commander, 542nd Maintenance Company, ATTN: Maintenance Control
Officer, Fort Lewis, WA 98433

SUBJECT: Damage Statement

1. The trigger of the M-24 SWS was observed to be broken after ODA 193 deployed to Cobra Current. The damage occurred during the shipment of the weapons from Ft. Lewis, WA. To San Clemente Island. I have reviewed the damage to the item below, and find no evidence of negligence or misconduct.

NSN	Nomenclature	Serial Number
1005-01-240-2136	M-24 SWS	C6348954

1. I release the item for repair.
2. POC this memorandum is SSG Thacker @ 967-8833


RYAN M. TRITSCHLER
CPT, SF
Detachment Commander

USAPPC V1.10

DATE: 19990723

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WH56AA
UTIL CODE: 0

3/1 SFG(A)

PHONE: (206)967-8970

----- ACTIVITY DATA -----

SUP WON:
SUP UIC: WEXQAA

542ND MAINT CO

PHONE: 967-7902
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1

ID: A NSN: 1005012402136

MODEL: M24

NOUN: SNIPER RIFLE

SER NUM: ~~C348954~~ C6348954 JAS

QTY: 00001

ORG WON: H56AA1905187 PRIORITY: 02

FAILURE DETECTED: D

MI/KM: -----

HOURS: -----

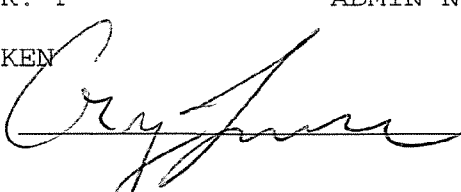
ROUNDS:

IN WARRANTY:

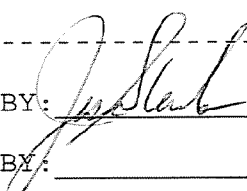
LEVEL OF WORK: F

ADMIN NUM:

DEFICIENCY: TRIGGER BROKEN

PD AUTHENTICATING SIGNATURE: 

----- SIGNATURE DATA -----

SUBMITTED BY: 

ORD DATE: _____ MIL TIME: _____

ACCEPTED BY: _____

STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____

EVAC UNIT NAME: _____

BARBER - M24 0042502

 AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

 SERIAL NO. C6348954

 DATE 9-22-99

 TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.66	2.81	2.76	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.80	2.69	2.50	
PULL #3	2.73	2.70	2.70	
PULL #4	2.48	2.68	2.71	
PULL #5	2.81	2.80	2.54	
TOTAL	13.48	13.68	13.21	
AVG.	2.70	2.74	2.64	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.36	3.41	
PULL #2	3.31	3.34	
PULL #3	3.28	3.35	
PULL #4	3.33	3.30	
PULL #5	3.36	3.32	
TOTAL	16.64	16.72	
AVG.	3.33	3.34	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.17		4.10
PULL #2	4.10	4.01		4.07
PULL #3	4.15	4.11		4.11
PULL #4	4.11	4.12		4.18
PULL #5	4.01	4.12		4.19
TOTAL	20.50	20.53		20.65
AVG.	4.10	4.11		4.13

Final Inspection

Sn: C6348 954

DATE REC'D: 8/10/99

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:

RECEIVED BARBER M24 00025910RT

COMMENTS

ORDER

R 96-16366

INITIAL CUSTOMER ORDER NO.

M-24 SNIPER

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

07/15/96

07/15/96

EJ 10-89

C6348954

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

SHIP TO:

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS

WA 98433

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS

WA

98433

CUST NO:145454 C.O.D L

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

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel 1 96003

Repowder Coat Trigger Guard
Assy. Front & Rear Sight Bases
Resin Scope Base & Silver
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00025910

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION C 3RD BN 1ST SFG(A)					2. NOMENCLATURE AND MODEL M24 SWS				
3. REGISTRATION/SERIAL/NSN		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE		6. TYPE INSPECTION	
7. APPLICABLE REFERENCE									
TM NUMBER			TM DATE		TM NUMBER			TM DATE	
COLUMN a — Enter TM item number. COLUMN b — Enter the applicable condition status symbol. COLUMN c — Enter deficiencies and shortcomings.					COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e — Individual ascertaining completed corrective action initial in this column.				
STATUS SYMBOLS									
"X"—Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "—"—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					DIAGONAL "(/)"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL—Indicates that a completely satisfactory condition exists. FOR AIRCRAFT—Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection)			8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME		10. MANHOURS REQUIRED
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e	
		C6348730			EXCESS OF 10,000 RDS				
		C6225181			PER GUN, EACH NEEDS				
		C6225524			RE-BARRELING				
		C6348969			T/I TRIGGERS/STOCKS				
		C6348954			Repowder (out)				
		C6225270			THESE WEAPONS USED				
		C6225467			KEZING SCOPE BASED				
		C6348907			SNIPER CLASS, SNIPER				
		C6225409			COMMITTEE SAID THEY				
		C6348868			NEED RE-BARRELING				
		C6225174			DUE TO POOR SHOT PERFORMANCE				
		C6348981			AMBU EXCESS RDS.				
					7/10/66				
					EACH WEAPON HAS A				
					SCOPE MOUNT				
		P.O.C. SSG DELK							
		3RD BN 1ST SFG(A)							
					(206) 967-8813/8896				

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

Final Inspection

Sn: C6348954

DATE REC'D: 7/15/96

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:

CONTRACT # DAAA21-87-C-0086

Barrel

GUN SERIAL # C6348954

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/24/96	RW
600	Proof		7/24/96	RW
607	Check Headspace		7/24/96	RW
610	Dis-assemble Gun		7/24/96	RW
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. #	BARBER - M24 0042508 OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	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 Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

Remington
REMINGTON & CO. N.Y. N.Y.
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
C6348954

ORDER NO.
5716

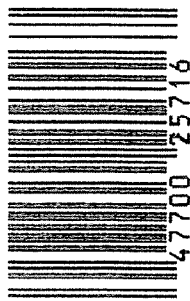
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

01



5716 C6348954

LPC



0 47700 25716 7

SCOPE
0564

GUN SERIAL # C6348954

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	AC
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KER
	Magnaflux Bolt		10/13/89	KER
615	Rollmark Caliber		10/13/89	G.S.
7	Drill and Tap Sight Holes	10 1689		AB
618	Polish Barrel AB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/6/89	JU

BARBER - M24 0042511								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	11/7/89	GH		
	G) Safety Off Force	2	2	2	11/7/89	GH		
	H) Trigger Pull Test & Retainability				11/6/89	JU		
	I) Firing Pin Indent	.0205	.0205	.0205	11/7/89	GH		
	J) Assemble Stock				11/9/89	RW		
	K) Assemble Swivel Studs				11/9/89	RW		
	L) Attach Front and Rear Sight Assemblies				11/9/89	RW		
	M) Iron Sight Alignment				11/9/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/9/89	RW		
	O) Attach Scope to Rifle				11-9-89	GH		
	P) Detach & Attach Scope 20 Times				11-9-89	GH		
640	Gallery Target & Test				11-13-89	DH		
	A) Time				11-13-89	DH		
	B) Malfunctions				11-13-89	DH		
	C) Pierced Primers				11-13-89	DH		
	D) Optical Clarity of Scope				11-13-89	DH		
645	Inspect for Live Ammo				11-13-89	DH		
655	Final Inspection							
	A) Headspace				14/10/89	928		
	B) Trigger Pull	258	274	222	264	232	14/10/89	928
	C) Function						14/10/89	928
660	Pack						14 Dec 89	928

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348954

DATE 3/29/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.54	2.35	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.35	2.42	
PULL #3	2.53	2.34	2.30	
PULL #4	2.54	2.34	2.44	
PULL #5	2.52	2.36	2.41	
TOTAL	12.65	11.74	12.09	
AVG.	2.53	2.34	2.41	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.33		
PULL #2	3.03	3.28		
PULL #3	3.02	3.24		
PULL #4	3.05	3.22		
PULL #5	3.06	3.20		
TOTAL	15.29	16.27		
AVG.	3.05	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.13		
PULL #2	4.16	4.06		
PULL #3	4.15	4.10		
PULL #4	4.12	4.10		
PULL #5	4.13	4.07		
TOTAL	20.75	20.46		
AVG.	4.13	4.09		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348954
13 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.552496
1 TO	2	.362012
1 TO	3	.628761
1 TO	4	.425484
1 TO	5	.799918

$\frac{3+5}{4+2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2656
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .287631

THE AMR FOR THIS RIFLE IS: .9106

13 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B954

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 3.070

VS= 1.727

GS= 3.459

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.781	.912	.784
MINIMUM X	-1.289	-1.091	-1.219
MAXIMUM Y	1.030	.952	.896
MINIMUM Y	-.697	-.676	-.556
CENTROID X	.134	-.064	.064
CENTROID Y	-.536	-.458	-.577
POA TO CENTROID in.	.552	.463	.581
MIN RADIUS	.291	.079	.250
MEAN RADIUS	.903	.783	.690
MAX RADIUS	1.912	1.394	1.300
HORIZONTAL SPREAD	3.070	2.003	2.003
VERTICAL SPREAD	1.727	1.628	1.453
EXTREME SPREAD	3.459	2.360	2.061
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

13 Nov 1985

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CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.633

VS= 2.299

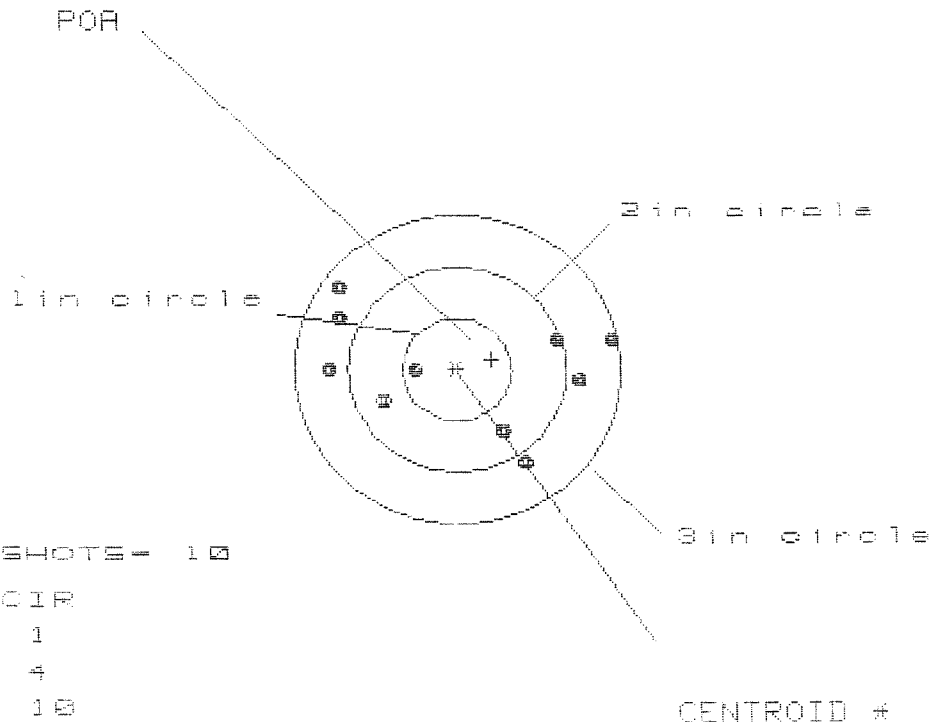
GS= 3.036

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.292	1.142	.699
MINIMUM X	:	-1.347	-.718	-.575
MAXIMUM Y	:	1.378	1.470	1.396
MINIMUM Y	:	-.921	-.829	-.963
CENTROID X	:	.452	.602	.459
CENTROID Y	:	-.363	-.455	-.382
POA TO CENTROID in.	:	.580	.754	.697
MIN RADIUS	:	.216	.152	.196
MEAN RADIUS	:	.902	.800	.743
MAX RADIUS	:	1.579	1.544	1.436
HORIZONTAL SPREAD	:	2.639	1.860	1.274
VERTICAL SPREAD	:	2.299	2.299	2.299
EXTREME SPREAD	:	3.036	2.614	2.520
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Nov 1989

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 2.561

VS= 1.777

GS= 2.575

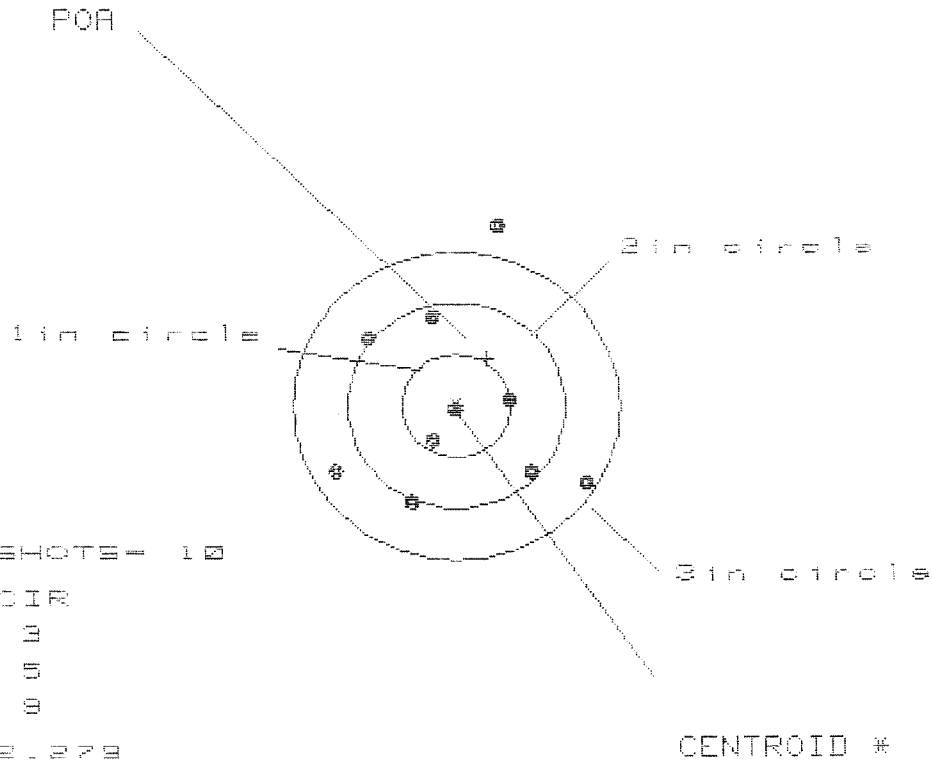
CENTROID *

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.375	1.231	1.120
MINIMUM X	-1.186	-1.033	-1.144
MAXIMUM Y	.844	.872	.673
MINIMUM Y	-.933	-.905	-.796
CENTROID X	-.320	-.473	-.362
CENTROID Y	-.101	-.130	-.239
POA TO CENTROID in.	.336	.490	.434
MIN RADIUS	.400	.245	.366
MEAN RADIUS	1.016	.950	.910
MAX RADIUS	1.399	1.243	1.234
HORIZONTAL SPREAD	2.561	2.264	2.264
VERTICAL SPREAD	1.777	1.777	1.459
EXTREME SPREAD	2.575	2.459	2.275
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

13 Nov 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.279

VS= 2.742

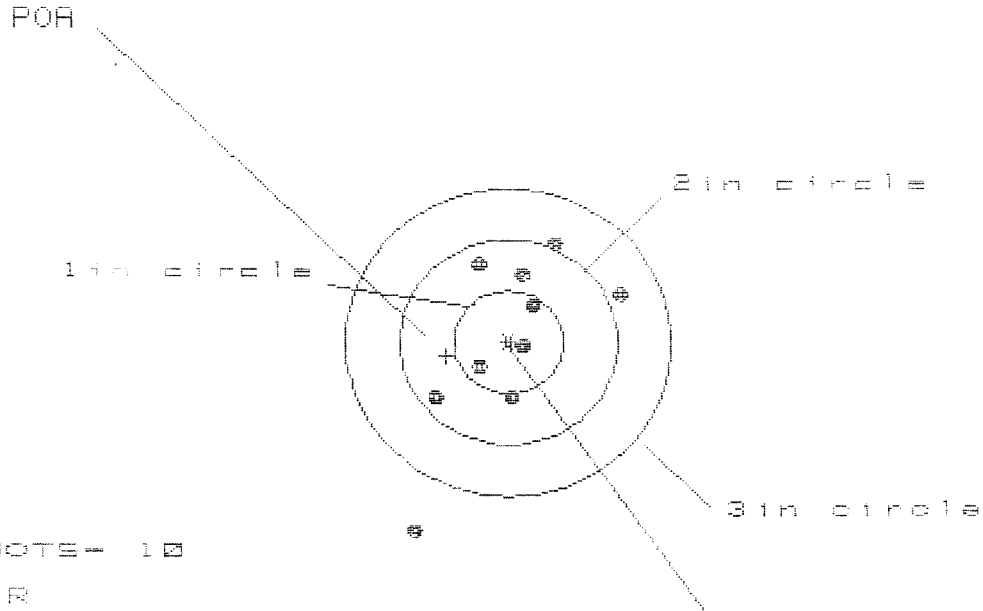
GS= 2.849

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.207	1.246	.961
MINIMUM X	-1.072	-1.033	-.877
MAXIMUM Y	1.768	1.018	.950
MINIMUM Y	-.974	-.773	-.846
CENTROID X	-.285	-.324	-.480
CENTROID Y	-.462	-.658	-.590
POA TO CENTROID in.	.543	.734	.761
MIN RADIUS	.033	.167	.212
MEAN RADIUS	.932	.825	.754
MAX RADIUS	1.802	1.360	1.016
HORIZONTAL SPREAD	2.279	2.279	1.778
VERTICAL SPREAD	2.742	1.796	1.796
EXTREME SPREAD	2.849	2.453	1.962
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

13 Nov 1985

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 1.831

VS= 2.809

GS= 3.107

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.042	.943	.457
MINIMUM X	-.889	-.762	-.644
MAXIMUM Y	.929	.720	.755
MINIMUM Y	-1.880	-.734	-.699
CENTROID X	.571	.670	.552
CENTROID Y	.134	.343	.308
POA TO CENTROID in.	.587	.753	.630
MIN RADIUS	.114	.244	.257
MEAN RADIUS	.800	.636	.592
MAX RADIUS	2.000	1.041	.930
HORIZONTAL SPREAD	1.931	1.705	1.101
VERTICAL SPREAD	2.809	1.454	1.454
EXTREME SPREAD	3.107	1.969	1.804
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	