

C6522193

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6522193

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8/1/90	KS
600	Proof		8/1/90	KS
607	Check Headspace		8/1/90	KS
610	Dis-assemble Gun		8/1/90	KS
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	JS
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel <i>RB</i>		8/14/90	WB
620	Apply Coatings (Barrel Action)		8/22/90	TJA
	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		9/8/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/8/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			9/8/90	WB
	H) Trigger Pull Test & Retainability						9/8/90	WB
	I) Firing Pin Indent	.0245	.024	.024			9/8/90	WB
	J) Assemble Stock						9/9/90	KS
	K) Assemble Swivel Studs						9/13/90	KS
	L) Attach Front and Rear Sight Assemblies						9/9/90	KS
	M) Iron Sight Alignment						9/9/90	KS
	N) Detach Front & Rear Sights & place in numbered container						9/9/90	KS
	O) Attach Scope to Rifle						9/9/90	KS
	P) Detach & Attach Scope 20 Times						9/9/90	KS
640	Gallery Target & Test						9/11/90	KT
	A) Time						9/11/90	KT
	B) Malfunctions						9/11/90	KT
	C) Pierced Primers						9/11/90	KT
	D) Optical Clarity of Scope						9/11/90	KT
645	Inspect for Live Ammo						9/11/90	KT
655	Final Inspection						9/13/90	KS
	A) Headspace						9/13/90	KS
	B) Trigger Pull	2.51	2.03	2.05	2.10	2.10	9-12-90	KS
	C) Function						9/13/90	KS
660	Pack						9-18-90	KS

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

SERIAL NO. C6522193
DATE 9/8/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.38	2.13	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.31	2.12	2.03	
PULL #3	2.37	2.29	2.26	2.05	
PULL #4	2.33	2.29	2.08	2.10	
PULL #5	2.32	2.32	2.06	2.10	
TOTAL	11.81	11.59	10.65	10.79	
AVG.	2.36	2.32	2.13	2.158	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	2.95		
PULL #2	3.08	2.95		
PULL #3	3.08	2.97		
PULL #4	3.04	2.93		
PULL #5	3.05	2.95		
TOTAL	15.34	14.75		
AVG.	3.07	2.95		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.06		4.23
PULL #2	3.97	4.07		4.21
PULL #3	3.97	4.05		4.21
PULL #4	4.06	4.00		4.20
PULL #5	4.09	4.01		4.18
TOTAL	20.12	20.19		21.03
AVG.	4.02	4.04		4.20

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522193
12 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.20241
1 TO	2	.126669
1 TO	3	.392368
1 TO	4	.182332
1 TO	5	.334688

54³ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0466
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0512
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0692315
THE AMR FOR THIS RIFLE IS: .884

11 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522193

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.844

VS= 2.953

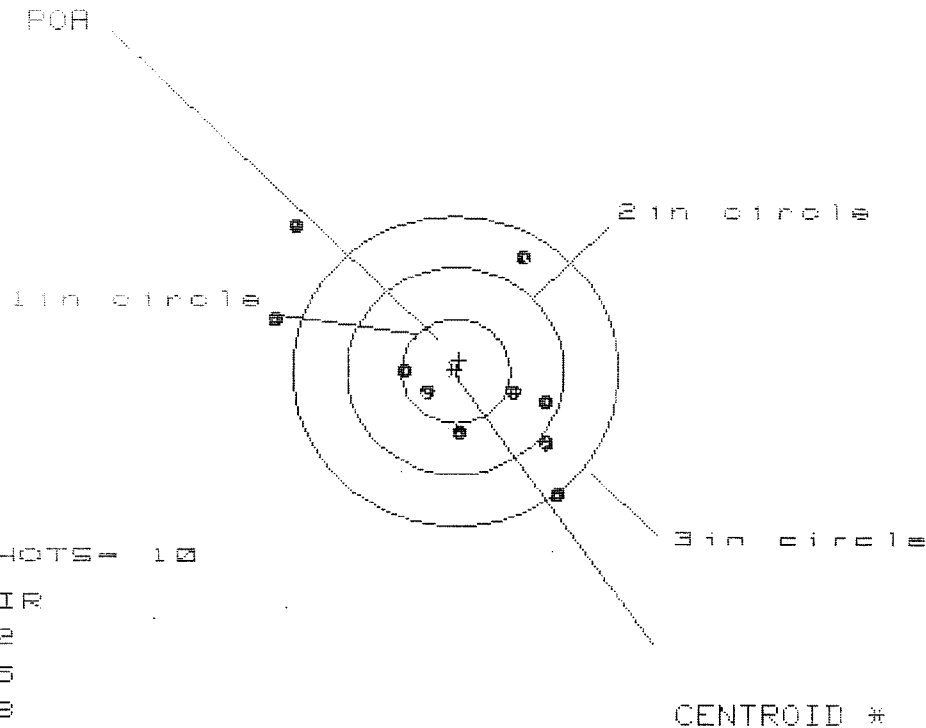
GS= 3.270

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.684	.555	.569
MINIMUM X	:	-1.160	-1.213	-1.199
MAXIMUM Y	:	1.307	.805	.617
MINIMUM Y	:	-1.646	-1.500	-.655
CENTROID X	:	.061	.190	.176
CENTROID Y	:	-.193	-.339	-.151
POA TO CENTROID in.	:	.203	.388	.232
MIN RADIUS	:	.144	.070	.116
MEAN RADIUS	:	.832	.718	.591
MAX RADIUS	:	1.748	1.505	1.228
HORIZONTAL SPREAD	:	1.844	1.768	1.768
VERTICAL SPREAD	:	2.953	2.305	1.272
EXTREME SPREAD	:	3.270	2.314	1.835
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8522193

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.572

VS= 2.598

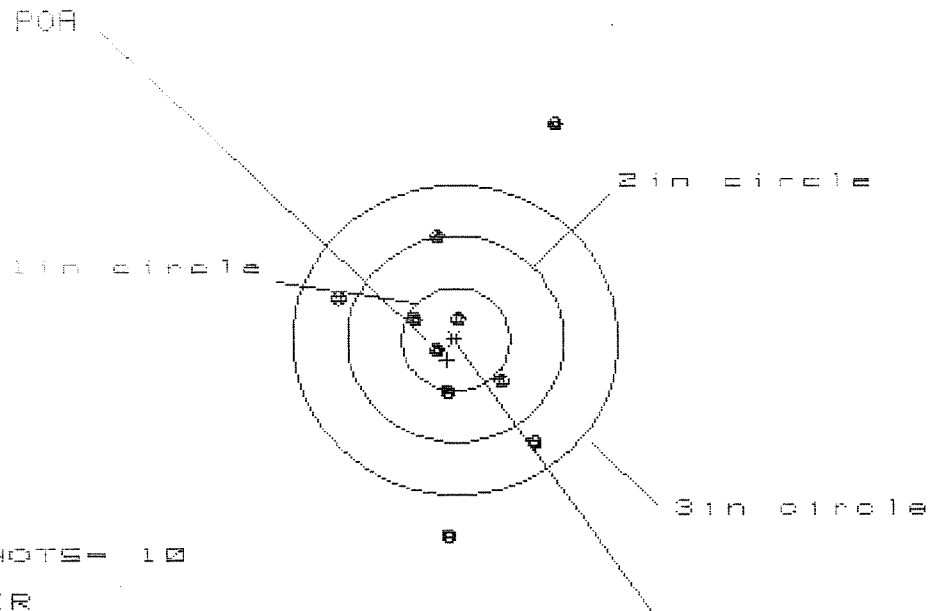
GS= 3.485

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.895	.736	.506
MINIMUM X	:	-1.677	-1.836	-.863
MAXIMUM Y	:	1.426	1.303	1.393
MINIMUM Y	:	-1.172	-1.014	-.924
CENTROID X	:	-.032	.127	.357
CENTROID Y	:	-.107	-.265	-.354
POA TO CENTROID in.	:	.111	.294	.503
MIN RADIUS	:	.321	.407	.197
MEAN RADIUS	:	1.061	.911	.739
MAX RADIUS	:	2.018	1.970	1.417
HORIZONTAL SPREAD	:	2.572	2.572	1.369
VERTICAL SPREAD	:	2.598	2.317	2.317
EXTREME SPREAD	:	3.485	3.099	2.330
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/06522193

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.050

VS= 4.035

GS= 4.176

CENTROID *

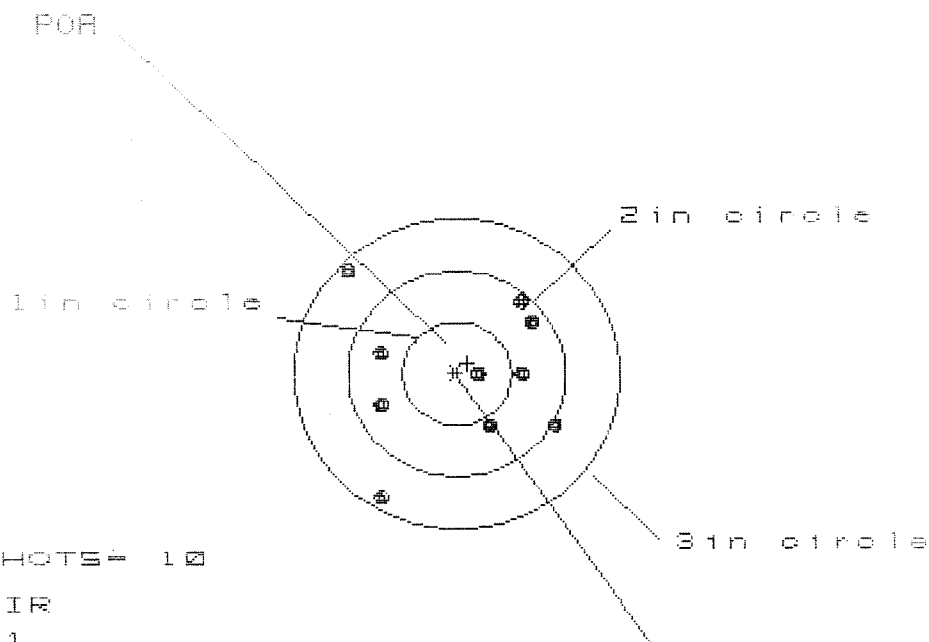
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.971
MINIMUM X	-1.079
MAXIMUM Y	2.122
MINIMUM Y	-1.913
CENTROID X	.078
CENTROID Y	.199
POA TO CENTROID in.	.214
MIN RADIUS	.163
MEAN RADIUS	.958
MAX RADIUS	2.333
HORIZONTAL SPREAD	2.050
VERTICAL SPREAD	4.035
EXTREME SPREAD	4.176
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

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FILE:/PATTERNING/CENTERFIRE_PATT/08522193

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.878

VS= 2.193

GS= 2.372

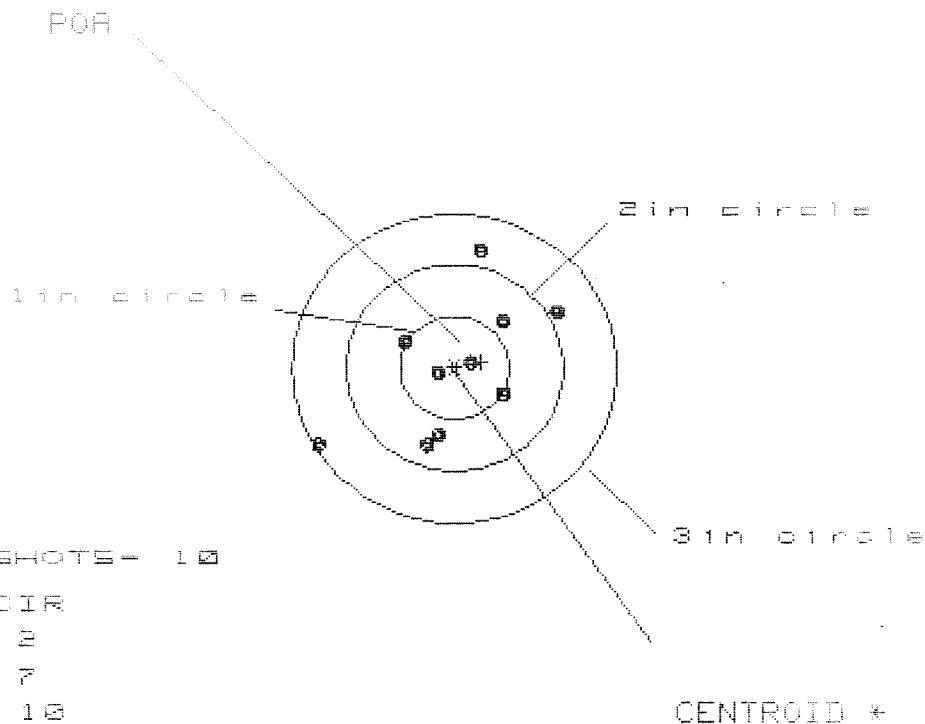
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.856	.743	.636
MINIMUM X	:	-1.022	-.864	-.971
MAXIMUM Y	:	.993	.829	.693
MINIMUM Y	:	-1.200	-1.090	-.523
CENTROID X	:	-.097	.016	.123
CENTROID Y	:	-.102	-.212	-.076
POA TO CENTROID in.	:	.141	.213	.144
MIN RADIUS	:	.173	.089	.004
MEAN RADIUS	:	.847	.753	.648
MAX RADIUS	:	1.425	1.383	1.011
HORIZONTAL SPREAD	:	1.878	1.607	1.607
VERTICAL SPREAD	:	2.193	1.919	1.216
EXTREME SPREAD	:	2.372	2.315	1.685
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/08582193

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.234

VS= 1.964

GS= 2.573

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	.829	.842
MINIMUM X	:	-1.265	-.614	-.601
MAXIMUM Y	:	1.196	1.114	.593
MINIMUM Y	:	-.768	-.850	-.711
CENTROID X	:	-.243	-.103	-.116
CENTROID Y	:	-.053	.029	-.110
POA TO CENTROID in.	:	.249	.107	.160
MIN RADIUS	:	.121	.044	.133
MEAN RADIUS	:	.722	.634	.563
MAX RADIUS	:	1.466	1.119	1.038
HORIZONTAL SPREAD	:	2.234	1.443	1.443
VERTICAL SPREAD	:	1.964	1.964	1.384
EXTREME SPREAD	:	2.573	2.020	1.769
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

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

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

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

SERIAL NO.
C6522193

ORDER NO.
5716

01

0 47700 25716 7

BARBER - M24 0003225
RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 92-15657

INITIAL CUSTOMER ORDER NO.

WOG 1 OF 2 W/LEUPOLD 10X SCOPE M-24 SNIPER

DATE RECEIVED 08/04/92	DATE OPENED 08/04/92	DATE CODE WI 8-88	SERIAL NUMBER C6522193	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SOFT CASE SCOPE MNTS					

FROM:

SHIP TO:

DOL MAINT WEAPONS SECTION
 BLDG 1170
 FT STEWART GA 31314

DOL MAINT WEAPONS SECTION
 BLDG 1170
 FT STEWART GA 31314

CUST NO: 064443 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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GUN CONDITION

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

REPAIR CHARGE

EXCISE

INSURANCE

UPS

PARCEL POST

TOTAL

usps 9-16-92
 TOTAL CHARGES 32.700

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

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KINZER V. REMINGTON

BARBER - M24 0003225 03264

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. JI 684 JI 685		WESDC		ORG. PD		PD AUTHENTICATION			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION DOL MAINT WEAPONS SEC		B. LOCATION BLDG 1170 FT. STEWART GA 31314				C. UNIT IDENT CODE WNOVA06			
2. SERIAL NO. 2EA, SEE ITM 8		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO. R95387		5. MODEL M-24		6. NATIONAL STOCK NUMBER 1005-01-240-2136			
7A. MAINTENANCE ACTIVITY DOL		B. LEVEL H	8. 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		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance	
								☒ 790 Out of Adjustment			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). TRIGGERS WILL NOT ADJUST TO ACCEPTABLE MINIMUM PULL FORCE WITHOUT EXCESSIVE CREEP AND OVERTRAVEL											
B. REMARKS SERIAL NO. C6522193 WITH SCOPE SN: 900097 / POC: Goodman 2EA SN: C6523471 WITH SCOPE SN: 900030 / 912-767-7272											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE				18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)			
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)											
☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22. Data Transcribed						
23. SUBMITTED BY Goodman		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE 2212		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

PACKING LIST		PACKED BY <i>Goodman</i>	1. NO. BOXES <i>1</i>	2a. REQUISITION NO.		
				2b. ORDER NO.		
3. END ITEM <i>SNIPER RIFLE M-24</i>				4. DATE <i>30 JUL 92</i>		
				5. PAGE <i>1</i> OF <i>1</i> PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED			
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)	
<i>1</i>	<i>2 ea, 1005-01-240-2136 RIFLE, SNIPER 7.62mm M-24 with scope.</i>	<i>EA</i>			<i>2</i>	
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES						
TYPED NAME AND TITLE <i>Goodman DENNIS REPAIRER</i>		SIGNATURE <i>[Signature]</i>				

DD FORM 1750
1 SEP 70

NOTES TO CONSIGNEE

The listing shown on the reverse side, together with pertinent notations relative to each item included, is furnished for your information and guidance only. In the case of lists covering equipment sets, one copy may be retained for reference and used as a supporting document to property books and the other copy retained with the equipment as a component parts listing. For the purpose of clarification, explanations of the various entries on this Packing List are furnished.

ITEM 1. The number of boxes in a set.

ITEMS 2a. & b. The requisition number appearing on the DD Form 1348-1 or order number will be indicated in this entry. The number so referenced should be cited in any correspondence regarding this shipment.

ITEM 3. The stock number, nomenclature, type number (when available), and the directive under which the end item was assembled. Not applicable to shipments consisting only of miscellaneous repair parts and accessories for the assembly, set or unit in which case this entry will contain such a notation in lieu of the information cited above (See 5.3.1.1).

ITEM 4. Date of preparation.

ITEM 5. Self-explanatory.

Column a. This column will be used when two or more boxes are required for the equipment. It will indicate the number of the container in which the items are packed.

Column b. This space contains a listing of items contained within the box, which are identified by stock number and nomenclature. When an FSN is

not applicable, the manufacturer's code (See 5.2.2.10) and part number shall be used.

NOTE: As required, due to out of stock position within the DOD supply system, a component parts shortage which will not hinder operational functions may be waived by higher authority and will be so indicated to the right of the nomenclature. Waivers noted thereon should be requisitioned through normal supply channels.

Column c. Self-explanatory.

Column d. "Initial Operation" - Items which are required for operation of the equipment.

Column e. "Running Spares" - Those items shipped concurrently with the equipment as spare parts and accessories.

NOTE: Columns d and e will be used on an optional basis.

"Total" - Self-explanatory.

ITEM 6. Self-explanatory.

U.S. GOVERNMENT PRINTING OFFICE : 1985 O - 485-976