

C6587642

MODEL 700TM M24

Model **SMS**TM

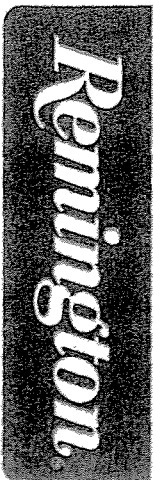
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.






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

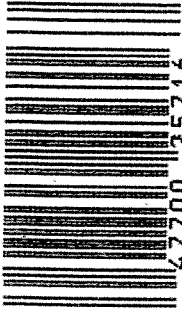
MODEL 700TM H24

SERIAL NO.
C6587642

ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6587642

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587642

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KS
600	Proof		10/22/90	KS
607	Check Headspace		10/24/90	KS
610	Dis-assemble Gun		10/24/90	KS
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GS
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel AB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)		11-7-90	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-90	GU

op. #	OP. NAME	READINGS				DATE	INIT	
625 cont.	F) Safety On Force	4.0	4.0	4.0	11/7/90	KS		
	G) Safety Off Force	2 1/2	2 3/4	2 3/4	11/7/90	KS		
	H) Trigger Pull Test & Retainability				11/8/90	JH		
	I) Firing Pin Indent	.022	.023	.023	11/7/90	KS		
	J) Assemble Stock				11/9/90	KS		
	K) Assemble Swivel Studs				11/9/90	DH		
	L) Attach Front and Rear Sight Assemblies				11/9/90	KS		
	M) Iron Sight Alignment				11/9/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				11/9/90	KS		
	O) Attach Scope to Rifle				11/9/90	KS		
	P) Detach & Attach Scope 20 Times				11/9/90	KS		
640	Gallery Target & Test				11-12-90	KT		
	A) Time				11-12-90	KT		
	B) Malfunctions				11-12-90	KT		
	C) Pierced Primers				11-12-90	KT		
	D) Optical Clarity of Scope				11-12-90	KT		
645	Inspect for Live Ammo				11-12-90	KT		
655	Final Inspection				11-12-90	DH		
	A) Headspace				11-12-90	DH		
	B) Trigger Pull	2.57	2.61	2.77	2.84	2.94	11-12-90	DH
	C) Function						11-12-90	DH
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. 06587642

DATE 11-8-90

TESTER JEP.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.21	2.32	2.44	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.35	2.47	2.61	
PULL #3	2.38	2.45	2.47	2.77	
PULL #4	2.38	2.39	2.42	2.84	
PULL #5	2.39	2.42	2.43	2.94	
TOTAL	11.73	11.93	12.23		
AVG.	2.346	2.386	2.446		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.23		
PULL #2	3.47	3.33		
PULL #3	3.50	3.41		
PULL #4	3.36	3.34		
PULL #5	3.42	3.38		
TOTAL	17.20	16.69		
AVG.	3.44	3.338		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.32		4.38
PULL #2	4.37	4.26		4.34
PULL #3	4.31	4.38		4.34
PULL #4	4.32	4.39		4.42
PULL #5	4.33	4.28		4.39
TOTAL	21.71	21.63		21.87
AVG.	4.342	4.326		4.374

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587642
13 Nov 1990

CENTROIDAL DISTANCES

Ø TO	1	.445313
1 TO	2	.207639
1 TO	3	.223877
1 TO	4	.747736
1 TO	5	.686628

$\frac{1}{4} \frac{3}{5}$ <----POA

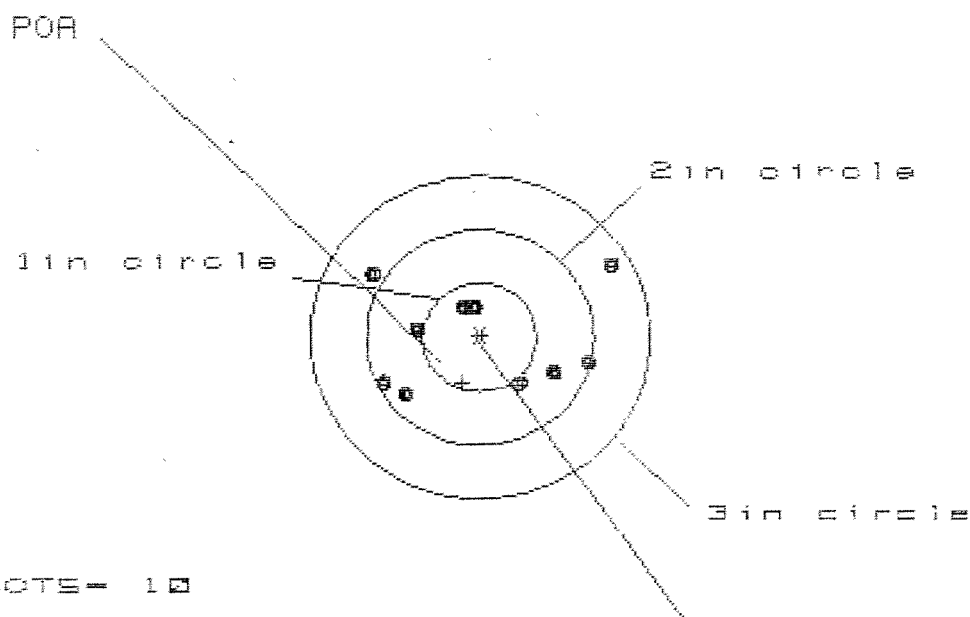
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1164
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1156
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .16405
THE AMR FOR THIS RIFLE IS: 1.005

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587642

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 2.121

VS= 1.167

GS= 2.275

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.140	1.125	1.018
MINIMUM X	-.981	-.855	-.871
MAXIMUM Y	.638	.673	.464
MINIMUM Y	-.528	-.458	-.373
CENTROID X	.148	.022	.129
CENTROID Y	.420	.350	.265
POA TO CENTROID in.	.446	.350	.295
MIN RADIUS	.286	.374	.441
MEAN RADIUS	.780	.715	.671
MAX RADIUS	1.306	1.137	1.022
HORIZONTAL SPREAD	2.121	1.980	1.890
VERTICAL SPREAD	1.167	1.131	.937
EXTREME SPREAD	2.275	2.149	1.896
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587642

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 5

HS= 2.572

VS= 3.559

ES= 3.846

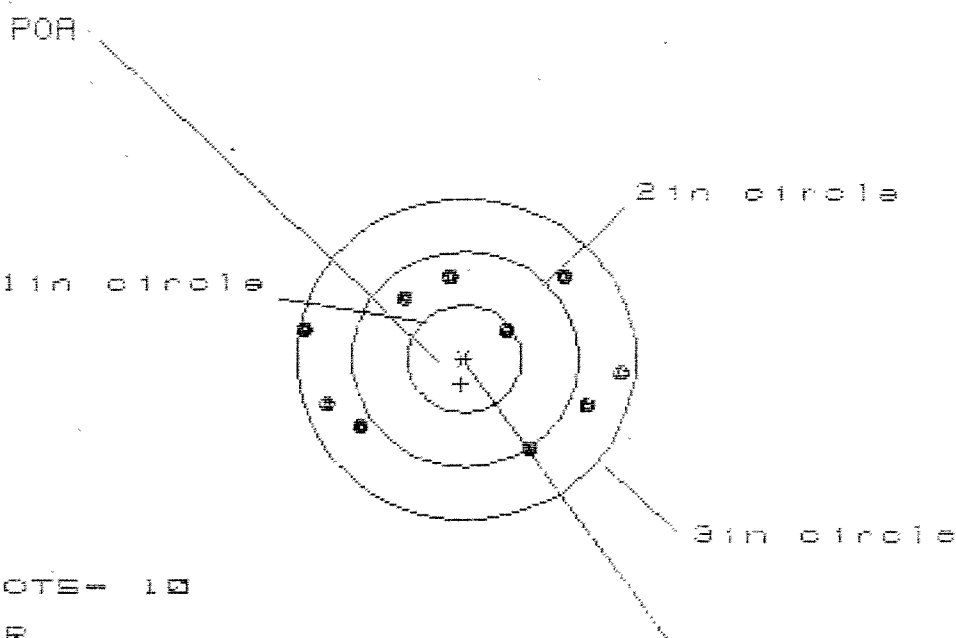
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.560	1.520	1.677
MINIMUM X	:	-1.012	-1.052	-.895
MAXIMUM Y	:	2.043	1.342	1.192
MINIMUM Y	:	-1.516	-1.289	-1.439
CENTROID X	:	.181	.221	.064
CENTROID Y	:	.215	-.012	.138
POA TO CENTROID in.	:	.280	.221	.152
MIN RADIUS	:	.360	.578	.384
MEAN RADIUS	:	1.352	1.289	1.172
MAX RADIUS	:	2.075	1.735	1.895
HORIZONTAL SPREAD	:	2.572	2.572	2.572
VERTICAL SPREAD	:	3.559	2.631	2.631
EXTREME SPREAD	:	3.846	3.261	3.252
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

13 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587642

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 10

MS= 2.744

VS= 1.610

GS= 2.771

CENTROID #

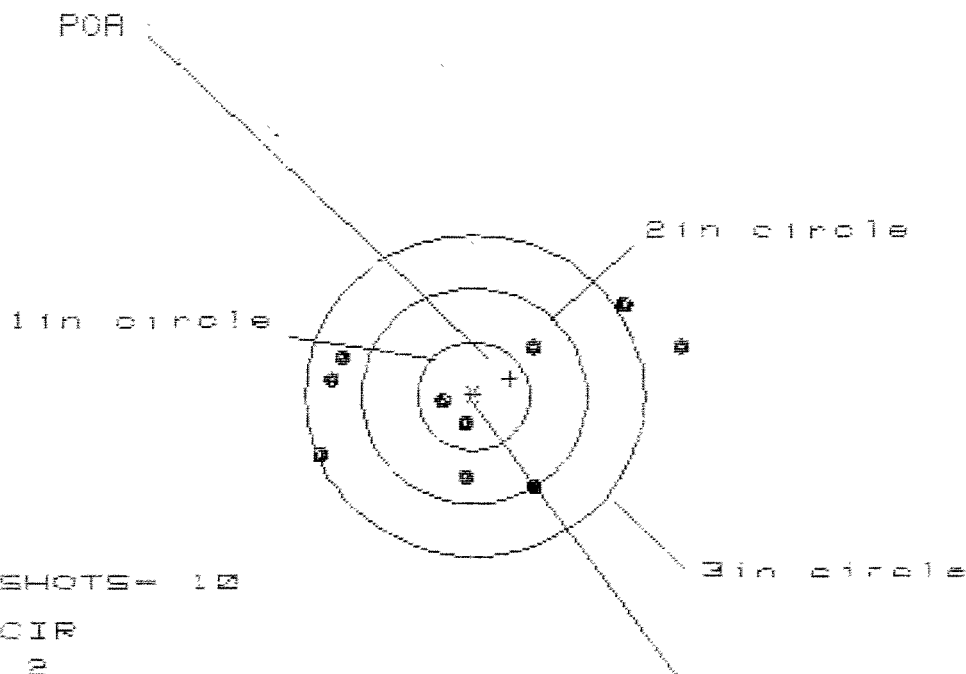
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.332	1.175	1.088
MINIMUM X	:	-1.412	-1.415	-1.268
MAXIMUM Y	:	.751	.777	.762
MINIMUM Y	:	-.859	-.833	-.848
CENTROID X	:	.028	.185	.039
CENTROID Y	:	.231	.205	.220
POA TO CENTROID in.	:	.232	.276	.224
MIN RADIUS	:	.428	.325	.425
MEAN RADIUS	:	1.061	1.001	.980
MAX RADIUS	:	1.431	1.475	1.340
HORIZONTAL SPREAD	:	2.744	2.590	2.356
VERTICAL SPREAD	:	1.610	1.610	1.610
EXTREME SPREAD	:	2.771	2.606	2.461
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587642

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 3.205

VS= 1.673

GS= 3.352

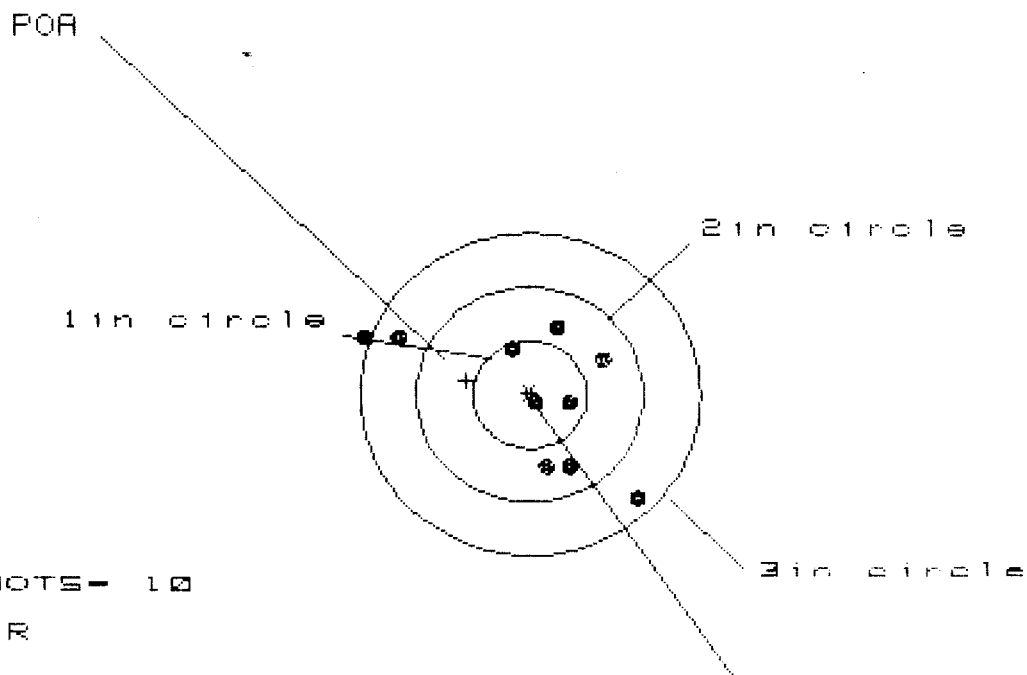
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.857	1.524	.936
MINIMUM X	:	-1.348	-1.141	-.951
MAXIMUM Y	:	.828	.881	.643
MINIMUM Y	:	-.845	-.792	-.682
CENTROID X	:	-.330	-.536	-.726
CENTROID Y	:	-.155	-.208	-.318
FOR TO CENTROID in.	:	.364	.575	.793
MIN RADIUS	:	.238	.093	.185
MEAN RADIUS	:	1.043	.908	.797
MAX RADIUS	:	1.916	1.760	1.147
HORIZONTAL SPREAD	:	3.205	2.665	1.887
VERTICAL SPREAD	:	1.673	1.673	1.345
EXTREME SPREAD	:	3.352	2.983	2.141
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587642

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 9

HS= 2.471

VS= 1.618

GS= 2.901

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.970	.803	.534
MINIMUM X	-1.501	-1.312	-1.212
MAXIMUM Y	.615	.672	.554
MINIMUM Y	-1.003	-.946	-.718
CENTROID X	.555	.722	.622
CENTROID Y	-.133	-.190	-.072
POA TO CENTROID in.	.571	.747	.626
MIN RADIUS	.052	.167	.131
MEAN RADIUS	.788	.676	.604
MAX RADIUS	1.587	1.459	1.318
HORIZONTAL SPREAD	2.471	2.115	1.746
VERTICAL SPREAD	1.618	1.618	1.272
EXTREME SPREAD	2.901	2.642	1.970
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 98-10037

INIT- SS	CUSTOMER ORDER NO.		W/LEUPOLD 10X SCOPE W/BI-POD			
DATE RECEIVED 05/04/98	DATE OPENED 05/04/98	DATE CODE EK 10-90	SERIAL NUMBER C6587642	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES HARD CASE		SCOPE MNTS		SCOPE BASE		

FROM:

SHIP TO:

COMMANDER USACML:MPCEN & FM
ATZN-DLM-M
BLDG. 350
FT MCCELLAN

AL 36205

COMMANDER USACML:MPCEN & FM
ATZN-DLM-M (WALTER YOUNG)
BLDG. 350
FT MCCELLAN

AL
36205

CUST NO:083408 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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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		E1				
TRIGGER GROUP		S2			E1	F
BOLT ASSY.		S3			E1	F
BARREL ASSY.		S4		D1	E2	F
REC. ASSY.		S5		D2	E1	F
WOOD			C1	D3	E3	F
METAL			C2			

MAIN FAULT

100 yds IRRADIC SHOT Grouping Over 2.5" Group AT

PARTS

COMMENTS

Leaded BBL
Gun Shot .8" Group 5 shots
H&R Ammo 100 yds

REPAIRMAN RW	PROOF	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
		6-4-98	6-4-98	6-4-98	

OFFICE COPY

RD6721 REV. 7-97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400024342

M2400024343

DD Form 1340-1, JUL 91

PREVIOUS EDITION MAY BE USED

DD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

DD Form 1348-1, JUL 91

NMP COPY 2

Final Inspection

S.N: C65817642

DATE REC'D: 5-4-98

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☒ Inon SIGHTS☒ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6587642*

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

605

CHECK HEADSPACE

6-4-98

RW

610

DIS-ASSEMBLE

612

MAGNAFLUX

615

ROLLMARK CALIBER

618

ROTO-BLAST

620

APPLY COATINGS

625 A

FINAL ASSEMBLY

B

TRIGGER PULL TEST

C

SAFETY ON FORCE

D

SAFETY OFF FORCE

E

FIRING PIN INDENT

640

TARGET

655

FINAL INSPECT

660

PACK

QAR INSPECTION

SHIP DATE