

C6636184

MODEL 700TM M24

Model **SMS** TM

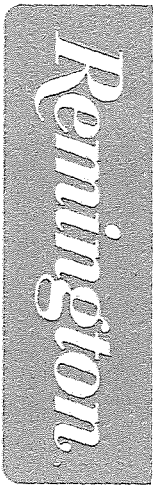
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00170714** Serial: **C6636184** Model: **M24 SWS** Center Fire
Verify Repair Caliber: **7.62 NATO** Repairman: Status: **New 7/5/2009 12:45:16 PM**

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **US ARMY GARRISON APC**

Address 1: **POLICE DEPT BLDG 2300**

Address 2: **ATTN: SRT LT HOLFORD** PO Box:

City: **ABERDEEN PROVING GROUND**

State: **MD** Zip Code: **21005** Country: **US**

State: **MD** Zip Code: **21005** Country: **US**

FFL ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																					
Contact Information	Received Condition	Accessories Received																							
Phone: NN	Fair	<table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td>2</td></tr><tr><td>A010</td><td>Hard Case</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr><tr><td>A026</td><td>Scope</td><td>1</td></tr><tr><td>A045</td><td>Bi Pod</td><td>1</td></tr><tr><td>A057</td><td>Fit SGT BASE</td><td>1</td></tr></tbody></table>			Code	Desc	Qty	A007	With Stud	2	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	A057	Fit SGT BASE	1
Code	Desc				Qty																				
A007	With Stud				2																				
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A026	Scope	1																							
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A057	Fit SGT BASE	1																							
Fax: 	Condition:																								
Email: 	Notes:																								
Comments: 	CSR:																								
	Notes:																								

Repair Search **Refresh** **Close** **Refresh** **Close**

naglet 7/6/2009 12:59 PM CSRS NUM TWS SCAL

start 5 Microsoft 5 Microsoft Part Search Msc PDF Internet Explorer Arms Services

Serial Number: **C6636184**

Model: **M24 SWS**



RE00170714

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

170214

SERIAL NUMBER

C6636184

LOG-IN DATE

7-6-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-10-09	RJC
505	RE-BARREL			
420	ASSEMBLE			
440	PROOF			
460	CHECK HEADSPACE			
470	DIS-ASSEMBLE GUN			
480	MAGNAFLUX			
510	DRILL AND TAP			
500	ROLLMARK CALIBER			
520	GOFF BLAST BBL / REC			
530 & 540	APPLY COATINGS			
560	FINAL ASSEMBLY			
640	FUNCTION TEST AND	PASS FAIL	7/23	RB
650	TARGET	PASS FAIL	7/23	RB
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION NA		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	7/23	TJR
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	7-24-09	X 20
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	250 245 245 235 250 7-24-09	X 21
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	40 40 40 7-24-09	X 22
	G) SAFETY OFF FORCE	2 LBS MIN	50 50 50 7-24-09	X 23
	I) FIRING PIN INDENT	.020	.024 .024 .024 7-24-09	X 24
690	PACK		7/24/09	FM

F006 REV 1/2009

Remington®



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

MODEL 700™ M24

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

20

SERIAL NO.
C6636184

ORDER NO.
5716



5716 C6636184

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6636184

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		4/3/91	K.S.
600	Proof		4/3/91	K.S.
607	Check Headspace		4/3/91	K.S.
610	Dis-assemble Gun		4/3/91	K.S.
612	Magnaflux Barrel Action		4/16/91	KR
	Magnaflux Bolt		4/16/91	"
615	Rollmark Caliber		4/16/91	GL
617	Drill and Tap Sight Holes		APR 19 1991	LB
618	Polish Barrel		APR 19 1991	WB
620	Apply Coatings (Barrel Action)		5-10-91	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/17/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/17/91	KS
	C) Inspect Ejector Hole for Chamfer		5/17/91	KS
	D) Oil Firing Pin Ass'y		5/17/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-18-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-18-91	AC
	G) Safety Off Force	4	4	4			5-18-91	AC
	H) Trigger Pull Test & Retainability						5-18-91	D/H
	I) Firing Pin Indent	.022	.022	.022			5-18-91	AC
	J) Assemble Stock						5-18-91	KS
	K) Assemble Swivel Studs						5-21-91	D/H
	L) Attach Front and Rear Sight Assemblies						5-18-91	KS
	M) Iron Sight Alignment						5-18-91	KS
	N) Detach Front & Rear Sights & place in numbered container						5-18-91	KS
	O) Attach Scope to Rifle						5-18-91	KS
	P) Detach & Attach Scope 20 Times						5-18-91	KS
640	Gallery Target & Test						5-20-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-20-91	AF
655	Final Inspection							
	A) Headspace						5-21-91	D/H
	B) Trigger Pull	252	259	260	266	269	5-21-91	AF
	C) Function						5-21-91	D/H
660	Pack						6-17-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6636184

DATE 5-18-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.38	2.43	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.44	2.47	2.59	
PULL #3	2.39	2.46	2.44	2.60	
PULL #4	2.38	2.38	2.42	2.66	
PULL #5	2.39	2.37	2.43	2.64	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.48		
PULL #2	3.37	3.44		
PULL #3	3.34	3.40		
PULL #4	3.40	3.16		
PULL #5	3.45	3.11		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	4.10		4.22
PULL #2	4.01	4.01		4.20
PULL #3	3.98	3.90		4.19
PULL #4	3.98	4.00		4.17
PULL #5	4.01	3.97		4.14
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6636184
 20 May 1991

CENTROIDAL DISTANCES

0 TO	1	.0359026
1 TO	2	.0796116
1 TO	3	.363941
1 TO	4	.173442
1 TO	5	.0511566

3 ←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0742
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0532
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .091901
 THE AMR FOR THIS RIFLE IS: .9904

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/086361B4

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 3.274

VS= 2.729

GS= 3.336

CENTROID *

PATTERN #

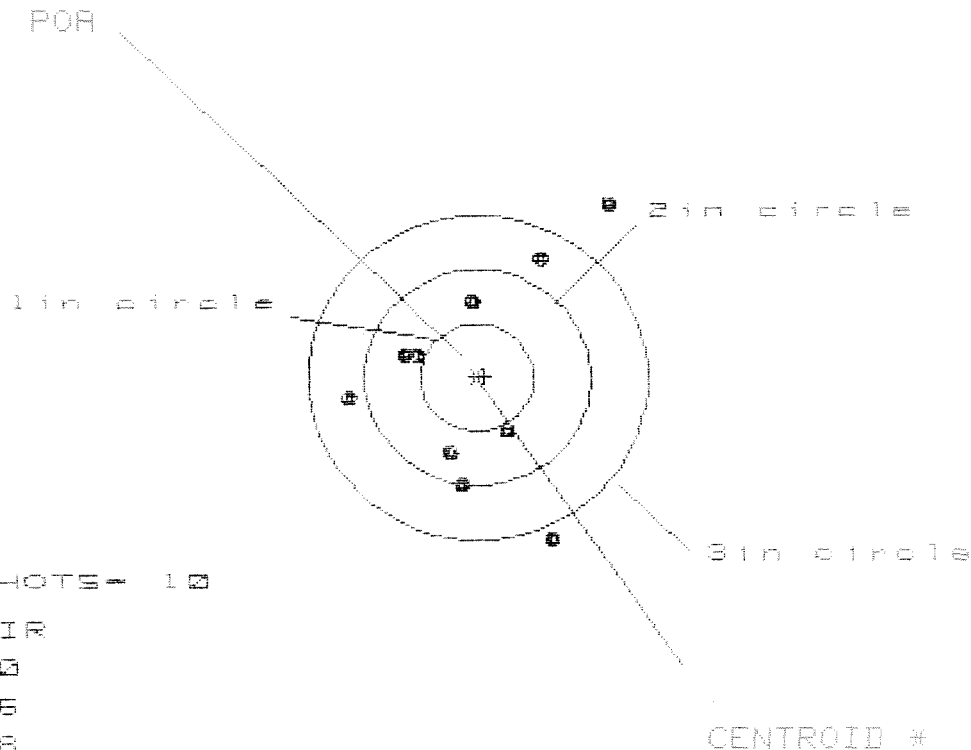
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.296	1.076	1.020
MINIMUM X	-1.978	-1.114	-1.160
MAXIMUM Y	1.701	1.632	1.646
MINIMUM Y	-1.028	-1.097	-1.093
CENTROID X	.008	.228	.274
CENTROID Y	.035	.104	.100
POA TO CENTROID in.	.036	.251	.292
MIN RADIUS	.548	.607	.627
MEAN RADIUS	1.206	1.093	1.014
MAX RADIUS	2.075	1.673	1.401
HORIZONTAL SPREAD	3.274	2.190	2.198
VERTICAL SPREAD	2.729	2.729	1.718
EXTREME SPREAD	3.336	3.011	3.444
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

28 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66361B4

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS = 2.204

VS = 3.161

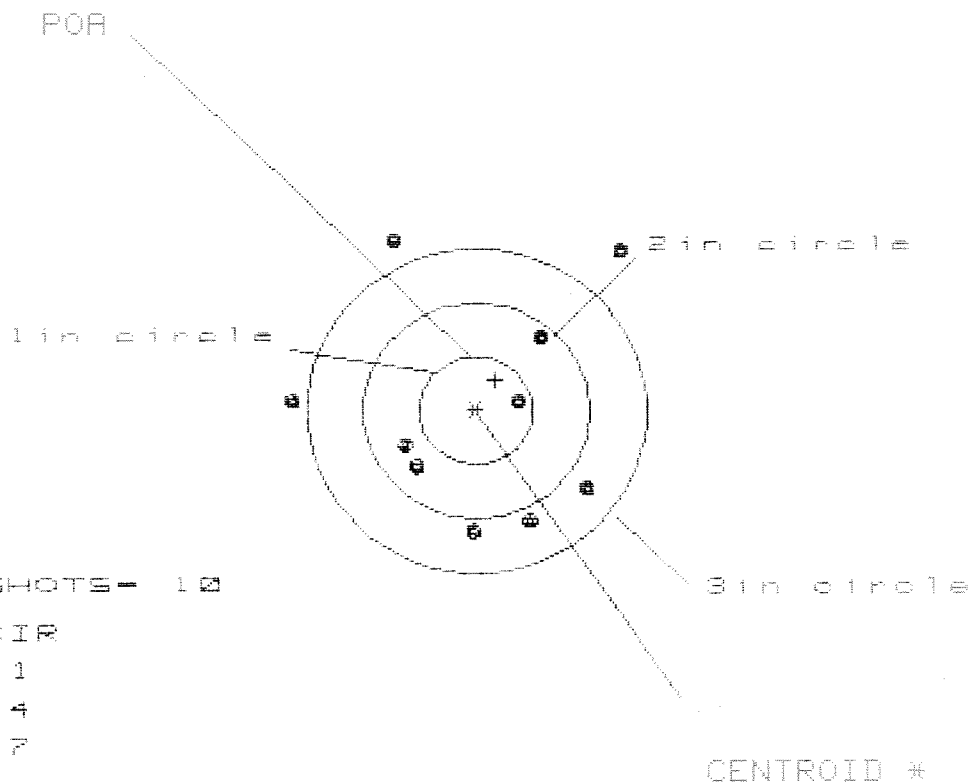
GS = 3.196

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.113	.766	.818
MINIMUM X	:	-1.091	-.967	-.871
MAXIMUM Y	:	1.634	1.327	1.159
MINIMUM Y	:	-1.527	-1.346	-.977
CENTROID X	:	-.059	-.183	-.279
CENTROID Y	:	-.008	-.189	-.021
POA TO CENTROID in.	:	.060	.263	.279
MIN RADIUS	:	.519	.471	.364
MEAN RADIUS	:	1.016	.872	.768
MAX RADIUS	:	1.977	1.548	1.419
HORIZONTAL SPREAD	:	2.204	1.733	1.689
VERTICAL SPREAD	:	3.161	2.673	2.136
EXTREME SPREAD	:	3.196	2.673	2.256
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/088361B4

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 3.930

VS = 2.716

GS = 3.265

CENTROID *

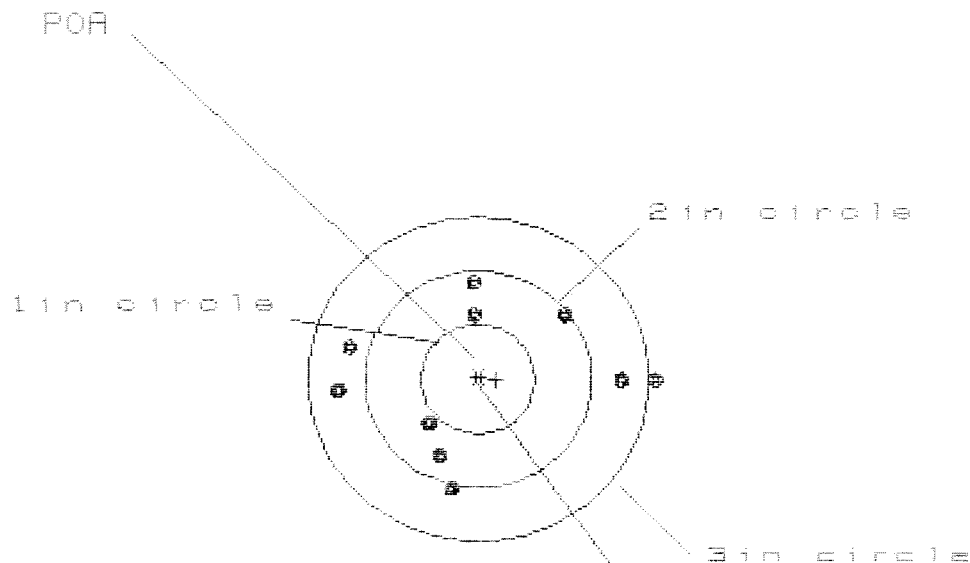
PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.288	1.086	1.007
MINIMUM X	-1.641	-1.498	-1.577
MAXIMUM Y	1.566	1.733	1.028
MINIMUM Y	-1.150	-.983	-.766
CENTROID X	-.169	-.313	-.234
CENTROID Y	-.283	-.450	-.667
POA TO CENTROID in.	.330	.548	.707
MIN RADIUS	.338	.491	.477
MEAN RADIUS	1.151	1.032	.895
MAX RADIUS	1.978	1.843	1.638
HORIZONTAL SPREAD	2.930	2.584	2.584
VERTICAL SPREAD	2.716	2.716	1.794
EXTREME SPREAD	3.265	2.906	2.710
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	7	

20 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6636154

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 0

2in = 5

3in = 5

HS = 2.846

VS = 1.870

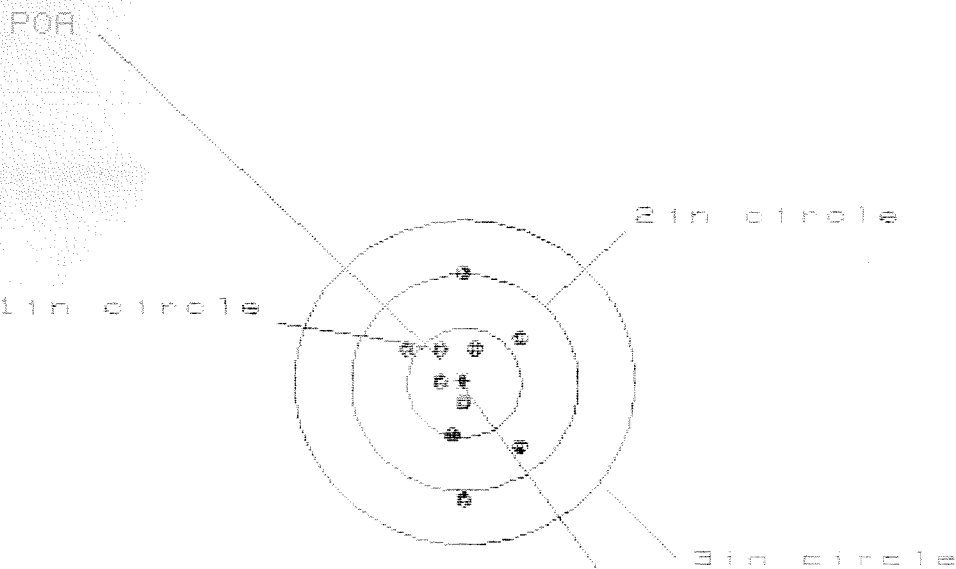
GS = 2.847

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.583	1.460	1.110
MINIMUM X	:	-1.263	-1.088	-.965
MAXIMUM Y	:	.845	.841	.839
MINIMUM Y	:	-1.025	-1.029	-1.031
CENTROID X	:	-.163	-.338	-.521
CENTROID Y	:	.006	.010	.012
POA TO CENTROID in.	:	.163	.338	.521
MIN RADIUS	:	.560	.453	.398
MEAN RADIUS	:	1.009	.920	.829
MAX RADIUS	:	1.583	1.460	1.237
HORIZONTAL SPREAD	:	2.846	2.548	2.015
VERTICAL SPREAD	:	1.870	1.870	1.870
EXTREME SPREAD	:	2.847	2.549	2.118
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

FILE:/PATTERNING/CENTERFIRE PATT/06636184

CENTERFIRE PATTERNS # 5



* OF SHOTS = 10

IN CIR

for each i and j in $\{1, \dots, n\}$ and k in $\{1, \dots, m\}$ we have

2000

$$\begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix} \quad \text{and} \quad \begin{pmatrix} 1 \\ 0 \\ 1 \end{pmatrix} = \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix} + \begin{pmatrix} 0 \\ 0 \\ 1 \end{pmatrix}$$

1. **1.000**

[illegible]

Chemical structures of 1,2,3,4-tetrahydro-1,4-benzodioxine (1), 1,2,3,4-tetrahydro-1,4-benzodioxine-2,3-diol (2), and 1,2,3,4-tetrahydro-1,4-benzodioxine-2,3-diol-5-sulfate (3).

CONTENTS

```

PATTERN #           :           5
SHOTS (BEST OF)    :           10           9           8
MAXIMUM X           :           .522           .522           .521
MINIMUM X           :           -.530           -.530           -.531
MAXIMUM Y           :           .987           .868           .434
MINIMUM Y           :           -1.070           -.743           -.634
CENTROID X          :           .012           .012           .013
CENTROID Y          :           -.016           .103           -.006
POA TO CENTROID in.:           .020           .103           .014
MIN RADIUS          :           .170           .187           .180
MEAN RADIUS         :           .570           .507           .455
MAX RADIUS          :           1.070           .890           .802
HORIZONTAL SPREAD   :           1.052           1.052           1.052
VERTICAL SPREAD     :           2.057           1.611           1.058
EXTREME SPREAD      :           2.057           1.686           1.376
NUMBER IN ONE INCH CIRCLE =           5
NUMBER IN TWO INCH CIRCLE =           9
NUMBER IN THREE INCH CIRCLE =          10

```