

April 1, 1965

Received Sear - P. Metal Part
from John Brooks

TION SHEET

SHEET NO. 1

PROD

PROD. NO.

WORKS

DATE 4-1

1965

Gun # 139457 } W/P.M. SEAR
" 139413 }
" 139312 }

Gun # 139609 } W/Productive Parts
" 139555 }
" 139298 }

PROD SEARS	
TRI9 PULL	
" x	4.75
"	4.75
" .001	4.50
"	4.75
" x	4.75
"	4.75
"	4.50
"	4.75
"	4.75
"	4.75

39312 F.P.I.		139555 F.P.I.	
TRI9-PULL		TRI9 PULL	
1	.0185" x 5.25	1	.0195" 5.00
2	.019" 5.00	2	.020" x .001 5.00
3	.0185" .001 5.50	3	.019" x 5.00
4	.019" 5.50	4	.0195" 5.25
5	.0195" x 5.50	5	.019" 5.25
6	.019" 5.75	6	.019" 5.25
7	.019" 5.25	7	.0195" 5.25
8	.0195" 5.75	8	.0195" 5.00
9	.019" 5.75	9	.0195" 5.00
10	.019" 5.50	10	.020" 5.00
AVE .019" v AVE 5.47		AVE .0195" v AVE 5.10	
39413 F.P.I.		139298 F.P.I.	
TRI9 PULL		TRI9 PULL	
1	.019" 5.50	1	.0185" x 5.50
2	.019" 5.25	2	.019" 5.75
3	.0195" x .001 6.00	3	.019" .001 5.25
4	.0185" x 5.50	4	.019" 5.25
5	.019" 5.50	5	.019" 5.25
6	.019" 5.75	6	.019" 5.00
7	.019" 5.75	7	.0195" x 5.25
8	.019" 5.75	8	.019" 5.25
9	.019" 6.00	9	.015" 5.25
10	.019" 6.00	10	.019" 5.25
AVE .019" v AVE 5.70		AVE .019" v AVE 5.30	

REMINGTON ARMS COMPANY
ENGINEERING DEPARTMENT COMPUTATION SHEET

SHEET NO 2

TITLE OF PROJ. Bowden Metal Gear vs Production Parts
SUBJECT M-700 - 243 Cal - 2nd Rng Cycle test
100 Cycles

DATE
WORKS

39457	W/ Bowden Metal Gear	139609	W/ Prod Parts
	Firing Pin Indent		F.P. Indent
	Trig Pull		Trig Pull
	.0195" x		.018 "
	.0185" x .001		.018 "
	.0195"		.018 "
	.0145"		.018 "
	.0185"		.018 "
	.0195"		.018 "
	.019 "		.018 " x
	.0195"		.0185" x
	.0195"		.0185"
	.019 "		.0185"
	.0192" ✓		.0182" ✓
	5.37		6.20
39312	100 Cycles F.P. Indent W/P.M. Seal	139355	100 Cycles F.P.I. W/PROD PARTS
	Trig Pull		Trig Pull
	.019 "		.020 " x
	.018 " x		.019 " x .001
	.0185"		.019 "
	.018 " .002		.0195"
	.0195"		.0195"
	.0195"		.019 "
	.019 "		.019 "
	.020 " x		.020 "
	.0185"		.019 "
	.0185"		.0195"
	.0189" ✓		.0194" ✓
	5.85		5.25
39413	100 Cycles F.P. Indent W/P.M. Seal	139295	100 Cycles F.P.I. W/PROD PARTS
	Trig Pull		Trig Pull
	.019 "		.0185" x
	.0195" x		.019 " x .0005
	.019 "		.019 "
	.019 " .001		.0195"
	.019 "		.019 "
	.0185" x		.0185"
	.019 "		.0185"
	.0195"		.019 "
	.0195"		.019 "
	.0195"		.019 "

REMINGTON ARMS COMPANY
ENGINEERING DEPARTMENT

SHEET NO 3

TITLE OF PROJ Flouder Metal Lean VS Prod Parts
SUBJECT M-700 -243 Cl 200 Cycles

PROJ NO

WORKS

DATE 4-5

1965

39457

F.P. INDENT W/P.M. Lean	TRIG PULL	39609 F.P. INDENT W/Prod Parts	TRIG PULL
.019 "	5.25	.019 " X	5.50
.019 "	6.00	.0185" X .0005	5.25
.019 "	5.50	.0195"	5.25
.019 "	5.50	.0185"	5.25
.019 "	5.50	.019 "	5.25
.019 " X	5.50	.0185"	5.25
.0185" X .0005	5.75	.0185"	5.00
.019 "	5.50	.0185"	5.00
.0185"	5.50	.0185"	5.00
.0185"	5.25	.0185"	5.00
.0189" v	5.57	.0186" v	5.17

39412

F.P. I. W/P.M. Lean	TRIG PULL	39555 F.P. I. W/Prod Parts	TRIG PULL
.019 "	5.50	.0185" X	5.50
.019 " X	5.50	.019 "	5.75
.0185" X .0005	5.75	.0195" X .001	5.75
.019 "	5.75	.0195"	5.50
.0185"	5.50	.0185"	5.50
.019 "	5.50	.019 "	5.75
.0185"	5.50	.0195"	5.50
.0185"	5.75	.0185"	5.25
.0185"	5.50	.0195"	5.25
.0185"	5.50	.0195"	5.25
.0187" v	5.57	.0191" v	5.57

39413

F.P. I. W/P.M. Lean	TRIG PULL	39298 F.P. I. W/Prod Parts	TRIG PULL
.0195"	5.25	.019 "	5.50
.0195"	5.25	.019 "	5.75
.0195" X .0005	5.25	.019 "	5.75
.019 "	5.25	.019 " X .0001	5.50
.0195"	5.50	.0195"	5.50
.019 "	5.25	.0195"	5.50
.019 "	5.75	.019 "	5.75
.019 "	5.25	.019 "	5.75
.019 "	5.50	.019 "	5.75
.019 "	5.50	.019 "	5.50

Form 105-1
1-4

WASHINGTON ARMS CO.
ENGINEERING DEPARTMENT

- 11 -

SHEET NO 4

TITLE: Powder Metal Seal vs Prod Parts
SUBJECT: M-700-243 Cal

FIG. NO

DATE

4-19-1965

300

39457	F.P.I. W/P.M. Seal	Trig Pull	139609	F.P.I. W/Prod Parts	Trig Pull
	.0185"	5.25		.0180"	5.25
	.018"	5.50		.0175"	5.00
	.0185" .005	5.25		.019" .001	5.25
	.0185"	5.25		.019"	5.00
	.018"	5.75		.018"	4.75
200	.0183" ✓	5.40		.0183" ✓	5.75
9412	F.P.I. W/P.M. Seal	Trig Pull	139555	F.P.I. W/Prod Parts	Trig Pull
	.018"	5.25		.0205"	5.25
	.0185" .001	5.00		.020"	5.50
	.0175"	5.25		.0195" .001	5.50
	.0180"	5.25		.020"	5.50
	.0185"	5.50		.0195"	5.50
	.0181" ✓	5.25		.0199" ✓	5.45
9413	F.P.I. W/P.M. Seal	Trig Pull	139595	F.P.I. W/Prod Parts	Trig Pull
	.0195"	5.75		.0195"	5.50
	.0195"	5.50		.0195" .002	5.25
	.0195" .001	5.75		.0175"	5.50
	.0195"	5.50		.0185"	5.50
	.0195"	5.50		.019"	5.25
	.0195" ✓	5.60		.0188" ✓	5.40

4-19-65

○ 14 days since last contact

Trigun Pull

New Crushers (1000) Received 4/15/65

Taking 5 readings from 200 Cycles on
C.B. Workman

TITLE OF PROJ. Powder Metal Gear vs Prod Parts
 SUBJECT M-700 - 243 Cal

PROJ NO

WORKS

400 Cycle

DATE 4-19 - 1965

39457	F.P.I. W/P.M. Gear	Trig Pull	139109	F.P.I. W/Prod Parts	Trig Pull
	.019"	5.75		.0185"	5.75
	.018"	5.75		.019" .0005	5.50
	.019" .0015	5.50		.0185"	5.50
	.0195"	6.00		.0185"	5.25
	.019"	5.50		.0185"	5.50
	.0189" ✓	5.70		.0186" ✓	5.50
39312	F.P.I. W/P.M. Gear	Trig Pull	139555	F.P.I. W/Prod Parts	Trig Pull
	.019"	4.75		.019"	6.00
	.018"	5.00		.0195"	6.00
	.018" .0015	4.75		.019" .001	5.75
	.0175"	5.50		.0195"	6.25
	.0185"	5.25		.020"	6.25
	.0182" ✓	5.25		.0194" ✓	6.05
39403	F.P.I. W/P.M. Gear	Trig Pull	139298	F.P.I. W/Prod Parts	Trig Pull
	.0185"	5.25		.019"	6.25
	.019"	5.50		.019"	6.25
	.018" .001	5.25		.018" .001	6.25
	.019"	5.25		.018"	6.00
	.0185"	5.50		.019"	5.75
	.0186" ✓	5.35		.0186" ✓	6.10

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPL. IN SHEET

SHEET NO. 6

TITLE OF PROJ. Powder Metal Leans 15 Prod. Part

DES. NO.

SUBJECT M-700-243 Cal

WORKS

500 CycleDATE 4-19

1965

139457	F.P.I. W/P.M. Seals	TRIG Pull	139409	F.P.I. W/Prod Parts	TRIG Pull
.0195"		5.25	.018"		5.25
.019" .0015		5.00	.017"		5.25
.018"		5.00	.018" .001		5.25
.018"		4.75	.017"		5.00
.019"		4.75	.0175"		5.25
.0187" ✓		5.94	.0175" ✓		5.20
39312	F.P.I. W/P.M. Seals	TRIG Pull	139355	F.P.I. W/Prod Parts	TRIG Pull
.0175"		5.00	.0205"		5.75
.0175"		4.75	.0205"		5.50
.0175" .001		5.25	.0195" .0015		5.25
.018"		4.75	.0195"		5.50
.017"		4.75	.0190"		6.00
.0175" ✓		4.90	.0198" ✓		5.60
39413	F.P.I. W/P.M. Seals	TRIG Pull	139298	F.P.I. W/Prod Parts	TRIG Pull
.0195"		6.00	.0195"		6.50
.0195"		6.00	.0195"		6.50
.020" .0025		6.00	.0185" .001		6.25
.0195"		5.50	.019"		6.25
.0175"		6.25	.019"		6.50
.0192" ✓		5.75	.0189" ✓		6.40

TITLE OF PROJ. Powder Metal Leans VS Prod Parts
SUBJECT M-700-243 Cal.

REEL NO
WORK-B

1000 Cycle

DATE 4-20 1965

39457	<u>F.P.I. W/P.M. Leans</u>	<u>TR19 Pull</u>	139609	<u>F.P.I. W/Prod Parts</u>	<u>TR19 Pull</u>
	.020 "	5.25		.0190 "	6.25
	.0195 "	5.25		.0185 " .001	6.25
	.0195 " .001	5.00		.0190 "	6.25
	.0190 "	5.75		.0185 "	6.50
	.0200 "	5.00		.0180 "	6.75
	.0196 " ✓	5.25		.0186 " ✓	6.40

39317	<u>F.P.I. W/P.M. Leans</u>	<u>TR19 Pull</u>	139555	<u>F.P.I. W/Prod Parts</u>	<u>TR19 Pull</u>
	.0175 "	5.25		.0195 "	6.00
	.0180 "	5.75		.0190 " .0015	6.00
	.0175 " .0005	5.50		.0200 "	5.75
	.0180 "	5.50		.0205 "	6.25
	.0175 "	5.75		.0205 "	6.25
	.0177 " ✓	5.55		.0199 " ✓	6.25

39413	<u>F.P.I. W/P.M. Leans</u>	<u>TR19 Pull</u>	139291	<u>F.P.I. W/Prod Parts</u>	<u>TR19 Pull</u>
	.0185 "	6.25		.0195 "	6.25
	.0190 "	6.50		.0185 "	6.25
	.0185 "	6.00		.0195 " .0015	6.25
	.0180 " .001	6.50		.0200 "	6.50
	.0190 "	6.50		.0185 "	6.75
	.0186 " ✓	6.35		.0192 " ✓	6.40

TITLE OF PROJ. Powder Metal Seal vs Prod Parts

PROJ. NO

SUBJECT M-700-.243 Cal
1500

WORKS

DATE 4-20

19 65

39457	<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139609	<u>F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
	.0195"	5.25		.0190"	5.25
	.0200"	5.25		.0185"	5.25
	.0200" .001	5.25		.0190" .001	5.25
	.0190"	4.75		.0195"	5.75
	.0195"	5.50		.0185"	5.50
	.0196" ✓	5.20		.0189" ✓	5.40
39312	<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139555	<u>F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
	.0185"	4.75		.0205"	5.75
	.0185"	4.75		.0200"	5.50
	.0190" .001	5.50		.0195" .001	5.50
	.0180"	5.50		.0195"	5.75
	.0180"	5.00		.0205"	6.25
	.0184" ✓	5.50		.020" ✓	5.75
39413	<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139295	<u>F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
	.0185"	6.00		.0190"	6.00
	.0170" .0015	6.50		.0185"	7.50
	.0185"	5.75		.0190" .001	7.50
	.0180"	6.50		.0185"	7.50
	.0180"	6.00		.0180"	6.25
	.0180" ✓	6.15		.0186" ✓	6.95

TITLE OF PROJ: Powder Metal Seal vs Prod Parts
 SUBJECT: M-700-24362

PROJ. NO

WORKS

2000 Cycles

DATE 4-2 1965

39457

F.P.I. W/P.M. Seal	TRIG Pull	139609 F.P.I. W/Prod Parts	TRIG Pull
.0185"	5.25	.0190"	6.50
.0185"	4.50	.0185"	5.75
.0190" .0015	4.75	.0180" .001	6.00
.0195"	4.75	.0180"	6.50
.0180"	4.50	.0190"	6.25
.0187" ✓	4.75	.0185" ✓	6.20

39312

F.P.I. W/P.M. Seal	TRIG Pull	139555 F.P.I. W/Prod Parts	TRIG Pull
.0185"	5.50	.0190"	5.75
.0190" .0005	5.50	.0190" .001	5.25
.0190"	5.75	.0195"	5.75
.0185"	6.00	.0200"	5.50
.0185"	5.75	.0190"	5.75
.0187" ✓	5.70	.0193" ✓	5.60

39413

F.P.I. W/P.M. Seal	TRIG Pull	139291 F.P.I. W/Prod Parts	TRIG Pull
.0185"	6.50	.0190"	7.25
.0190" .001	6.25	.0190" .0005	7.25
.0180"	5.75	.0190"	7.25
.0185"	6.75	.0185"	7.75
.0185"	6.25	.0185"	6.75
.0185" ✓	6.30	.0187" ✓	7.25

TITLE OF PROJ Powder Metal Gear VS Prod Parts
SUBJECT M-700 -243 Cal

2,500

WORKS

DATE

19

39457

F.P.I. W/P.M. Gear	TRIG PULL	139609 F.P.I. W/Prod Parts	TRIG PULL
.0185"	5.25	.0180"	5.00
.0185"	5.50	.0185"	5.75
.0185" .001	5.00	.0180" .0005	5.25
.0180"	4.75	.0180"	5.50
.0190"	5.25	.0180"	5.50
.0185" ✓	5.15	.0181" ✓	5.40

39312

F.P.I. W/P.M. Gear	TRIG PULL	139555 F.P.I. W/Prod Parts	TRIG PULL
.0185"	6.50	.0200"	6.25
.0180"	6.75	.0195"	6.00
.0180" .0015	5.75	.0205" .001	6.00
.0180"	6.50	.0205"	5.75
.0170"	7.25	.0200"	5.75
.0179" ✓	6.55	.0205" ✓	5.95

39413

F.P.I. W/P.M. Gear	TRIG PULL	139298 F.P.I. W/Prod Parts	TRIG PULL
.0180"	6.50	.0200"	7.25
.0170"	6.00	.0190" .0015	6.75
.0185" .0015	6.25	.0205"	7.50
.0180"	6.50	.0205"	6.75
.0180"	6.75	.0205"	7.50
.0179" ✓	6.40	.0201" ✓	7.75

TITLE OF PROJ. Powder Metal Seal vs Prod Parts

PAGE NO

SUBJECT M-700 - 243 Cal

WORKS

3000DATE 4-21

1965

39457

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	<u>139609 F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
.0195"	5.50	.0175"	5.50
.0195"	5.25	.0180"	5.25
.0190" .0005	6.00	.0190" .0015	5.25
.0190"	5.25	.0175"	5.25
.0195"	5.75	.0180"	5.00
.0193" ✓	5.55	.0180" ✓	5.25

39312

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	<u>139555 F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
.0180"	6.00	.0185"	5.25
.0180"	7.00	.0200	5.25
.0185" .0005	5.75	.0205" .0025	6.00
.0185"	6.50	.0180"	6.00
.0180"	7.25	.0195"	6.00
.0182" ✓	6.50	.0193" ✓	5.70

39413

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	<u>139298 F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
.0175"	7.25	.0190"	9.00
.0185" .0015	7.50	.0195"	10.00
.0180"	7.00	.0195"	10.00
.0180"	8.25	.0195" .0005	8.75
.0170"	8.50	.0190"	9.75
.0178" ✓	7.70	.0193" ✓	9.50

TITLE OF PROJ. Towder Metal Seal vs. Prod Parts
 SUBJECT M-700 - 243 Cl

PROJ NO

WORKS

DATE 4-21

1965

4000

39457	F.P.I. W/P.M. Seal	Trig Pull	139419	F.P.I. W/Prod Parts	Trig Pull
	.0180"	5.25		.0180"	5.50
	.0200" .002	5.75		.0180"	5.25
	.0185"	5.00		.0180" .001	5.25
	.0185"	5.25		.0180"	4.75
	.0185"	5.50		.0190"	4.75
	.0187" ✓	5.35		.0182" ✓	5.10

39314	F.P.I. W/P.M. Seal	Trig Pull	139455	F.P.I. W/Prod Parts	Trig Pull
	.0185"	8.50		.0190"	5.25
	.0185" .001	6.50		.0190"	5.00
	.0180"	8.50		.0200" .001	5.00
	.0185"	8.75		.0190"	5.50
	.0175"	9.25		.0190"	6.00
	.0182" ✓	8.10		.0192" ✓	5.35

39413	F.P.I. W/P.M. Seal	Trig Pull	139295	F.P.I. W/Prod Parts	Trig Pull
	.0195"	6.00		.0190"	10.00
	.0190"	6.75		.0180"	8.75
	.0195" .001	2.00		.0190" .002	9.25
	.0185"	7.25		.0195"	9.50
	.0185"	7.50		.0170"	9.75
	.0190" ✓	6.90		.0181" ✓	9.25

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPLETION SHEET

SHEET NO 13

TITLE OF PROJ. Power Metal Sear VS Prod Part PROJ NOSUBJECT M-700 - 243 Cal

5000

WORKS

DATE 4-21 1965

39457	F.P.I. W/P.M. Sear	TRIG PULL	132609	F.P.I. W/Prod Part	TRIG PULL
	.0195"	5.25		.0180"	5.00
	.0200"	6.50		.0170"	4.75
	.0200" .0015	6.25		.0175"	4.75
	.0195"	6.50		.0175"	4.75
	.0185"	5.75		.0175"	4.50
	.0195" ✓	6.05		.0175" ✓	4.75

39312	F.P.I. W/P.M. Sear	TRIG PULL	132555	F.P.I. W/Prod Part	TRIG PULL
	.0165"	9.50		.0190"	5.50
	.0180" .002	7.75		.0195" .0015	5.25
	.0170"	6.75		.0205"	5.25
	.0185"	8.00		.0200"	5.50
	.0180"	9.25		.0195"	5.50
	.0176" ✓	8.25		.0197" ✓	5.40

39413	F.P.I. W/P.M. Sear	TRIG PULL	132298	F.P.I. W/Prod Part	TRIG PULL
	.0190"	7.25		.0185"	8.75
	.0185"	8.00		.0190"	8.75
	.0190" .001	8.50		.0190" .0005	8.50
	.0180"	6.75		.0185"	8.00
	.0180"	7.75		.0190"	8.75
	.0185" ✓	7.65		.0188" ✓	8.55

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

SHEET NO 14

TITLE OF PROJ

Metal Seal vs. Prod Parts

SUBJECT

M-700-243 Cal

6000 Cycles

39457

F.P.I. W/P.M. Seal	TRIG PULL	F.P.I. W/Prod Parts	TRIG PULL
.0190"	6.00	.0195"	4.50
.019"	6.00	.0185"	4.25
.019"	6.50	.0185"	4.25
.019"	6.00	.0185"	4.75
.0185"	6.75	.0190"	4.75
.0189"	6.25	.0188"	4.50

39312

F.P.I. W/P.M. Seal	TRIG PULL	F.P.I. W/Prod Parts	TRIG PULL
.0180"	8.25	.0200"	6.25
.0180"	7.25	.0195"	6.00
.0175"	6.75	.0200"	5.75
.0180"	8.75	.0195"	5.50
.0175"	8.50	.0200"	5.75
.0178"	7.90	.0198"	5.85

39413

F.P.I. W/P.M. Seal	TRIG PULL	F.P.I. W/Prod Parts	TRIG PULL
.0190"	8.75	.0190"	7.50
.0190"	9.00	.0195"	7.25
.0190"	8.50	.0185"	7.75
.0190"	7.00	.0185"	8.50
.0180"	8.50	.0195"	7.25
.0188"	8.15	.0190"	7.65

TITLE OF PROJ:

Powder Metal Sear VS Prod Parts

SUBJECT

M-710 - 243 Cl

7000 Cycles

WORKS

DATE

19

39457

F.P.I. W/P.M. Sear

TRIG

PULL

139109

F.P.I. W/Prod Parts

TRIG

PULL

.0185"

8.25

.0180"

4.50

.0185"

7.25

.0185"

4.25

.0195"

8.00

.0180"

4.25

.0185"

8.75

.0190"

4.00

.0190"

8.25

.0185"

4.25

.0189"

8.10

.0184

4.25

39312

F.P.I. W/P.M. Sear

TRIG

PULL

139555

F.P.I. W/Prod Parts

TRIG

PULL

.0185"

14.00

.0200"

6.00

.0175"

10.00

.0200"

6.25

.0170"

12.00

.0200"

5.75

.0175"

11.50

.0195"

5.50

.0170"

14.00

.0200"

5.50

.0175"

12.30?

.0199"

5.80

39413

F.P.I. W/P.M. Sear

TRIG

PULL

139298

F.P.I. W/Prod Parts

TRIG

PULL

.0180"

8.25

.0195"

7.25

.0185"

8.25

.0185"

7.00

.0185"

8.75

.0190"

6.25

.0185"

9.05

.0200"

7.50

.0180"

9.75

.0195"

6.00

.0183"

8.95

.0193"

6.80

TITLE OF PROJ. Powder Metal Seals VS Prod Parts

SUBJECT

8,000 Cycles

WORKS

DATE

19

39457

F.P.I. W/P.M. Seal TRIG PULL139603 F.P.I. W/Prod Parts TRIG PULL

.0190"	7.50
.0185"	6.50
.0180"	6.50
.0185"	7.75
.0180"	6.75

.0180"	4.50
.0165"	4.50
.0185"	4.00
.0180"	4.00
.0185"	4.00

.0184"	7.00
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.0179"	4.20
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39412

F.P.I. W/P.M. Seal TRIG PULL139555 F.P.I. W/Prod Parts TRIG PULL

.0170"	10.25
.0175"	9.25
.0175"	10.00
.0170"	10.25
.0170"	10.25

.0180"	4.50
.0185"	4.75
.0190"	5.00
.0180"	5.75
.0190"	5.50

.0172"	10.00
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.0185"	5.10
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39413

F.P.I. W/P.M. Seal TRIG PULL139296 F.P.I. W/Prod Parts TRIG PULL

.0170"	11.00
.0180"	10.00
.0185"	10.75
.0180"	9.75
.0180"	9.75

.0195"	6.75
.0180"	6.50
.0185"	6.75
.0180"	6.75
.0185"	7.75

.0180"	10.15
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.0185"	6.90
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TITLE OF PROJ. Powder Metal Seal VS Prod Part FIG. NO.
 SUBJECT M-700-343 CR

9,000 CYCLES

39457

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139609	<u>F.P.I. W/Prod Part</u>	<u>TRIG PULL</u>
.019"	8.25		.0185"	4.50
.0185"	9.25		.0185"	4.00
.019"	9.50		.0185"	3.75
.0185"	6.75		.019"	4.00
.019"	9.00		.0185"	4.25
.0188"	8.55		.0186"	4.10

39312

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139555	<u>F.P.I. W/Prod Part</u>	<u>TRIG PULL</u>
.015"	10.25		.019"	4.75
.0165"	7.75		.0185"	5.00
.018"	9.75		.0185"	5.75
.017"	10.25		.0195"	5.50
.018"	11.25		.0185"	5.50
.0169"	9.75		.0188"	5.30

39413

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139296	<u>F.P.I. W/Prod Part</u>	<u>TRIG PULL</u>
.0185"	11.75		.019"	8.50
.018"	10.75		.019"	8.50
.0175"	11.00		.0185"	8.75
.017"	11.00		.0185"	7.75
.0175"	10.25		.0185"	9.00
.0177"	10.95		.0187"	8.50

ENGINEERING DEPARTMENT COMPUTATION SHEET

SHEET NO

TITLE OF PROJ. M 700 Lock TIME PROJ NO. _____
 SUBJECT Production parts vs Powdered METAL WORKS. _____
SEER COMPUTER WMC DATE 4/22 19 65

[illegible]

TITLE OF PROJ.

Powder Metal Seals vs Rod Parts

REQ NO

SUBJECT

M-700 - 243 Cal

WORKS

10,000 cycles

DATE 4-23

1965

139457 F.P.I. W/P.M. Seal Trig Pull	139609 F.P.I. W/Rod Part Trig Pull
.0185" 6.25	.0190" 4.00
.0190" 6.25	.0185" 4.00
.0185" 6.50	.0185" 4.00
.0185" 6.50	.0185" 4.00
.0185" 6.00	.0185" 4.00
.0185" 6.30	.0186" 4.00
139312 F.P.I. W/P.M. Seal Trig Pull	139555 F.P.I. W/Rod Part Trig Pull
.0185" 10.25	.0185" 5.00
.0185" 12.00	.0185" 5.25
.0175" 12.50	.0185" 5.25
.0185" 11.50	.0190" 5.25
.0185" 10.75	.0185" 5.25
.0180" 11.40	.0186" 5.20
139413 F.P.I. W/P.M. Seal Trig Pull	139295 F.P.I. W/Rod Part Trig Pull
.0190" 7.00	.0190" 8.00
.0185" 6.75	.0185" 8.50
.0190" 7.00	.0190" 7.00
.0190" 6.75	.0180" 7.50
.0190" 6.75	.0195" 6.50
.0188" 6.85"	.0188" 7.50