

A

RECEIVED
NOV 24 1952
AIRMAIL
DEVELOPMENT DIVISION

CC: W. L. Clay - Bde.
G. E. Plunkney -
G. H. Calhoun -
J. B. Murphy
S. R. [unclear]
W. A. D. Jordan
W. A. Deest
E. Bupp

Illam, New York
November 21, 1952

TO: H. A. Brown - Devl Report
FROM: H. J. Hartman

We regret very much the delay in replying to your pencilled inquiry on copy of letter from O. E. Plunkney to O. H. Calhoun dated October 29, 1952. This inquiry concerned the statement in the "1st Quarterly Complaint Report" issued by W. L. Clay, October 23, 1952 to the effect that "the M/T21 gun off occasionally", and calling our attention to the seriousness of this condition.

As you are no doubt aware, we are likewise concerned with incidents of this type and every effort is made to eliminate their occurrence. The following information is being presented and covers the period from 1950 to the present time. During 1950, there were twelve (12) jar off complaints received on this model.

7 in the 1st Quarter
4 in the 2nd Quarter

1 in the 3rd Quarter
0 in the 4th Quarter

In 1951, there were no jar off complaints received on this model. To date in 1952 there have been two (2) jar off complaints received.

1 in the 1st Quarter
0 in the 2nd Quarter

1 in the 3rd Quarter

It has been determined that the complaint reported in the first quarter of 1952, occurred in a gun produced in January 1951. The complaint recorded for the third quarter of 1952, concerned a gun produced November 1948. As a result of the experience during the year 1950, as recorded herein, corrective action was taken at Final Inspection by incorporating a special Action Test. This test requires that with the Bolt Handle raised halfway, the engagement of the Gear and Connector must be a minimum of ".020".

It appears that this test has been effective since no complaint has been received on guns produced since the introduction of this control in 1951. Also, to date no jar off incidents have been found in final gun audit tests during the years 1951-52 to date.

H

PLAINTIFF'S
EXHIBIT
3047

AL 0022407
103

H. A. Brown

-2-

11/21/52

You can be certain that the importance of eliminating jar off incidents has been stressed in our contact with all personnel concerned at Iliom.

H. J. Hackman
H. J. Hackman, Supt.
Product Eng. & Control Section

HJB:EK

AL 0022408

283

M-600, 660
M-700

GUNS RETURNED WITH CAUSES RELATED TO TRIGGER ASSEMBLY - CONNECTOR

CAUSE CODE	DESCRIPTION	1975		1974		1973		1972		1971		5 YR. TOTAL ↓
		6	0	6	0	6	0	6	0	6	0	
3200	- Mutilated	1		1								2
3201	- Broken, cracked	2		2	8	2		4	1	8		27
3202	- Rusty											
3203	- Bent			1	1							2
3204	- Sticky					1	1					2
3205	- Binds on trigger plate or in trigger, or in Rec.											
3206	- Corners rounded at engagement surfaces											
3207	- Soft											
3208	- Chips, etc., under connector							1				1
3209	- Out of pos.				1					1		2
3210	- Connector spring weak, buckled											
3211	- Missing, loose							1				1
3212	- Not adjusted properly (follow down)				1					3		4
3213	- Connector defective			2	2					1	2	7
3214	- Connector guide pin broken, missing, defective											
3215	- Connector spring missing											
3216	- Came loose from trigger											
3217	-											
3218	-											
3219	-											
3220	-											
YEARLY TOTALS		3	0	6	13	0	3	1	6	2	14	48

Rev F. MARTIN (R-O)
by G BULLIS
6/4/76

AL 6022409

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