

June 6th, 1946

TO: H. A. Brown
 FROM: R. H. Grace
 SUBJECT: MEMORANDUM OF TELEPHONE CONVERSATION

On 6/5/46 the writer telephoned G. O. Clifford to give him the following table regarding gun tests. It was explained that the malfunctions and gun failures on M/721 .300 Magnum and M/722 .300 Savage were not recorded because they were the first two guns tested on these models. Considerable difficulty was experienced from Extractor breakage and feed failures. The tests on .257, .270 and .30-06 show that Extractor difficulties have been eliminated. The remaining problem of feed failures is being worked on separately.

	<u>Proofs</u>	<u>Rounds</u>	<u>Dry</u>	<u>Malfunctions</u>	<u>Gun Failures</u>
Belgian Browning	10	4200	3000	21	3
M/11	10	3100	3000	46	6
Savage	10	3200	3000	112	11
M/721 .300 Mag.	11	4400	24,000		
M/722 .300 Sav.	11	4400	24,000		
.257	1	1050	5,000	13	None
.270	1	1050	5,000	2	"
.30-06	5	1360	5,000	21	"

R. H. Grace
 Engineering Section
 Technical Department