

bcc: Lloyd Fox
~~S. M. Adams~~
W. E. Leek

RPK (2)

November 1, 1971

M. R. J. Maberry
511 South 'K'
Midland, Texas 79701

Dear Bob:

Have finally finished the investigation on the barrel/receiver fit on the M 700. The problem is that these are assembled with an automatic torque wrench which puts them together regardless of interference.

According to reports from Process Engineering and Control, they will take action to limit the initial torque so that full torque will not be available until the barrel has bottomed against the shoulder. This will eliminate assembly with interference fits. Uncontrolled interference could obviously overstress the receiver as well as the barrel and give hard extraction caused by slight back tapers at the rear of the chamber.

We hope this action will solve the problem.

Sincerely,

M. H. Walker

M. H. Walker, Manager
Custom Firearms Development
Elton Research Division

MHW/al