

But Kelly
Mr Japs

cc: D.E. Miller } In
H.J. Hackman } Turn
J.W. Miller
M.H. Walker
W.E. Look - File

Ilion, New York
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G. M. CALFORD
BRIDGEPORT

MODEL 700 - BARREL BRACKET

Sometime ago Walker changed the specifications for above parts to steel instead of powder metal. This had been one of the earliest powder metal applications. Apparently there was some trouble experienced with these parts, requiring steel be used for the AMU rifles. Then the magnum, together with the 458 and 375, came along with greater recoil forces, which further caused the designer to hold the line on steel.

J.W. Miller has advised that if the designer can write a specification for the tensile, yield, impact and ductility, Process Research can try to supply test slugs with the idea of meeting the requirements. Walker tells me he understands that the steel parts are costing about 7% more than the powder metal. However, we are not certain that this takes into consideration the additional cut in the stock that was made to accommodate the powder metal.

Walker would also possibly need about \$500 worth of Research for tests and measurements in order to establish these specs. This together with the Process Research cost may involve considerably more expenditure than we can save for the forecasted quantities of the M/700 rifles. On the other hand we may need this information for use in specifications of the same types of barrel brackets on other similar models coming along.

Therefore suggested that Walker proceed with such a program which would probably be started this year but perhaps most of the expenditures run into next year's budget. This decision is also based on our understanding of desire on the part of Management that we continue to work towards as many powder metal applications as possible.

SMA:T

S. M. Alvis
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