

To W L Tomek
From R S M

Subject: Monthly Report - June

NBAR

RSM, FEM, FHS

This program has progressed into the fabrication phase with the major effort now swinging from design to the Model Shop and CV group. The design is approximately 90% complete with the stock assembly, short action and left hand components remaining. Presently, there is a backlog of work in the Test Lab, Model Shop and CV group however we are receiving good cooperation from these groups to the extent of their ^{available} resources and this program's priority. The next NBAR milestone involves the completion of components by August 12 however due to the limitations of the Model Shop as well as lead time required for purchased components this date will not be met. A new schedule will be forthcoming when the last of the components have been ordered.

HVLR

FHS, CFD

The accuracy device has been received from the Model Shop and ammunition development has begun. The 9" twist barrel was shot using conventional handloads and about 1" groups were

obtained. Ten high velocity lightweight bullets were fired achieving velocities about 4600 to 4700 fps and 3-4" group sizes. For the first HVLR rounds fired these results are very encouraging.

Future work will include additional shooting with a new powder in ^{each} the 8", 9" and 10" twist barrels. At present the 8" twist barrel is in the Custom Shop for additional instrumentation.