

To: T. C. Douglas

April 30, 1993

From: J. M. Edwards

Subject: Progress Report, April

12 Ga. Premier Slug:

Only part of this month was spent assisting V.F. Scarlata with the workload on this project. Details of this month's work is in V. F. Scarlata's progress report.

6.5mm x 55mm SWEDISH MAUSER:

Some problems were experienced when attempting to prime the new shells. The priming pins were satisfactory but the bushings available would not fit the shell. New bushings of the correct diameter are being made. When the new tooling is ready another attempt will be made to prime these shells. The project is still on schedule awaiting the bullet dies due mid-June.

The barrels returned to the vendor for chamber dimension correction to the C.I.P. drawing have been received and the throat of the chamber is still not correct. These barrels will be returned again.

6.5mm 140 GR. PSP BULLET:

Since the in-house bullet used for the .264 Win Mag was not satisfactory for the 6.5 x 55 Swedish Mauser a new bullet must be made. All the bullet jacket tooling and bullet assembly tooling has been designed and ordered with a delivery date of mid-June.

7mm x 64 BRENNERKE:

The shell profile gages are now due May 10. Everything is set for an experimental run as soon as the gages arrive. The pressure and accuracy barrels are on hand. It was noticed that the CIP pressure specification is in C.U.P. This will need to be converted to P.S.I. Federal is announcing this product, hopefully they will make the conversion.

7mm 140 Gr. PSP Bullet:

This bullet has been purchased for some time and it can be made in-house. As with the 6.5mm 140 gr bullet all the tooling has been designed and on order. A delivery date of early July is expected.

NON-LEAD BULLET MANUFACTURING:

12 GA COPPER SLUG-

An investigation is underway to evaluate the cost of making this product in-house. Several screw machine vendors have been contacted for budgetary quotes for a complete turnkey job to include a screw machine and tools. Preliminary estimates indicate this is a good project.

SWAGE PROCESS FOR CF BULLETS-

A concept study to make solid copper bullets using equipment in the center fire shell area is being pursued. By presenting a solid copper cylinder to the shell header, one stroke can make a hollow point bullet without a profile. The profile can then be produced on the bullet assembly equipment. If the concept is successful, it will be an alternative to machining the bullets. As soon as the drawings are completed the tooling will be ordered.