

JULY 2, 1992

TO: K.W.SOU CY
FROM: D.R.LEWIS

JUNE MONTHLY REPORTREMINGTON OVER/UNDER PROJECT

PRIOR TO THE PLANT SHUTDOWN A TOTAL OF 50 TRIAL AND PILOT MONO BLOCKS WERE RUN ON THE FMS. THE BALANCE OF 75 MONO BLOCKS WILL BE RUN THE WEEK OF JULY 6th. PRIOR TO RUNNING THE TRIAL AND PILOT LOT OF MONO BLOCKS A COMPLETE DIMENSIONAL CHECK OF ALL CHARACTERISTICS WAS CONDUCTED, TO ENSURE THAT THE MONO BLOCKS ARE TO THE MODEL DRAWING. THESE MONO BLOCKS WILL BE USED TO BUILD THE BARREL ASSEMBLIES USING THE 4140 BARRELS.

THE TRIAL AND PILOT OF THE FRAME IS EXPECTED TO START THE WEEK OF JULY 6th. THE PROGRAM CHANGES THAT ARE NEEDED TO UPDATE THE FRAME TO THE LATEST MODE DRAWING WILL BE COMPLETED BY THE END OF THE WEEK. THE FRAMES WILL BE RUNNING ON THE FMS BY THE FIRST PART OF THE WEEK OF JULY 13th.

APPROXIMATELY 85% OF THE PARTS FOR THE TRIAL AND PILOT HAVE BEEN COMPLETED. SOME OF THE MAJOR COMPONENTS THAT ARE STILL NEEDED ARE: THE BARREL ASSEMBLIES, FRAMES, FORE END IRONS, AND MOST OF THE MIM PARTS. THE BARREL ASSEMBLY COMPONENTS ARE IN PROCESS CURRENTLY. THE MIM COMPONENTS ARE DUE BY THE END OF JULY. THE FORE END IRONS WERE RECEIVED IN MID JUNE AND WILL BE STARTED DURING THE WEEK OF JULY 6th.

THE GREATEST RISK TO THE OVER/UNDER PROJECT IS THE DEVELOPMENT OF THE 4140 BARREL. THE CENTER SPACER WAS A BIG CONCERN, BUT THE NEW DESIGN IS MUCH MORE MANUFACTURABLE THAN THE PREVIOUS ONE.

CONSOLIDATION OF PRODUCT / TOOL DESIGN

THE FIRST PHASE IS COMPLETE WITH THE CREATION OF THE NEW CADD ROOM FOR THE ENGINEERS AND PROGRAMMERS.

THE SECOND PHASE OF THE CONSOLIDATION IS TO COMBINE THE DRAWING FILES, SO THAT ONLY ONE SET OF FILES HAS TO BE MAINTAINED. THIS PHASE MEANS MOVING THE PRINT ROOM INTO WHAT IS NOW KNOWN AS THE R&D CONFERENCE ROOM. THIS MOVE HAS A DUAL PURPOSE: IT CREATES ONE CENTRAL LOCATION FOR ALL DRAWING FILES AND IT PROVIDES THE OPPORTUNITY TO TIGHTEN THE SECURITY AROUND THE PRINT ROOM. THIS PHASE WILL BE COMPLETED BY THE END OF JULY.

THE THIRD PHASE IS TO MOVE THE (CADD) TOOL DESIGNERS FROM THEIR PRESENT LOCATION AND COMBINE THEM WITH THE (CADD) PRODUCT DESIGNERS. THIS WILL ALLOW THE TOOL DESIGNERS AND PRODUCT DESIGNERS TO WORK TOGETHER AND IMPROVE THE COMMUNICATIONS BETWEEN THE TWO GROUPS. ULTIMATELY, THIS WILL IMPROVE THE OUTPUT EFFICIENCY AND ACCURACY OF BOTH GROUPS. ALSO, THIS WILL ALLOW THE TWO GROUPS TO BE CROSS TRAINED AND ELIMINATE THE BOTTLENECKS IN BOTH AREAS. THE MOVE PART OF THIS PHASE WILL START JULY 6th.

CARPET PROJECT FOR R&D

THE EXTENSION ON THE CADD ROOM IS COMPLETE AND THE CARPETING HAS BEEN STARTED. THE CARPETING, TILING AND MOVE WILL BE COMPLETED BY THE END OF JULY.