

VAM PROJECTS/CELL GROUPING  
8/13/90

-7400/7600 BOLT CARRIER LAYOUT CYCLE TIMES ARE TO BE TAKEN BY AREA PROPRIETOR AND GROUPS ARE TO BE EVALUATED FOR VALUE ADDED POSSIBILITIES. (L. VANDAWALKER B. ZAHNISER J. KELLY)

-SHOTGUN BARREL SHOP MOVES (3 PHASES) PHASE 1 HAS BEEN COMPLETED. WE ARE NOW WAITING FOR INITIAL RESULTS IN ORDER TO EVALUATE OUR NEXT MOVE (PHASE 2). IT APPEARS THAT PHASE TWO WILL NOT BE AS EASY TO APPROACH AS THE FIRST PHASE. THE PERSONNEL IN THIS AREA ARE NOT AS RECEPTIVE TO CHANGE. MUCH OF WHAT HAPPENS WITH REGARD TO THE NEXT MOVE DEPENDS ON THE SUCCESS OF PHASE ONE. WE HOPE TO START DEVELOPING PLANS FOR THE NEXT MOVE THIS FALL. ONCE AGAIN THE PROCESS WILL INVOLVE THE PEOPLE THAT WORK IN THE CURRENT GROUPS. (J. PUGLIESE, R. LINDSAY AND J. KELLY)

-700 TRIGGER GUARDS AND FLOOR PLATE LAYOUT AND COST ESTIMATE HAVE BEEN COMPLETED AND APPROVED. IT NOW LOOKS LIKE SEPTEMBER BEFORE THIS MOVE WILL TAKE PLACE. THIS IS DUE TO THE CRIB ISSUE FOR PURCHASE PARTS. THIS ISSUE SEEMS TO BE RESOLVED, HOWEVER, WE ARE WAITING FOR THE ACTUAL CRIB MOVE BY PURCHASE PARTS SO THAT WE CAN PROCEED. THE MOVE WILL INVOLVE THE 700 TRIGGER GUARD GROUP IN BUILDING 48-3, ALONG WITH THE MAG 10 TRIGGER GUARD MILL FROM THE SAME AREA. THE FILE AND FIT JOB IN 84-1 WILL ALSO BE MOVED AT THIS TIME. THE ONE OTHER MACHINE INVOLVED IS THE DRILL PRESS IN 50-3, WHICH WILL BE MOVED TO 50-3N NEXT TO POWDER COAT. THE COST ESTIMATE FOR THIS MOVE IS SET AT \$4,047.00. ( R. WASHBURN AND J. KELLY)

-7400/700 FRONT SIGHT PAINT JOB MOVE THE CURRENT PLAN IS TO MOVE THIS JOB TO ASSEMBLY AREA. FOLLOW-UP WORK NEEDED. (B. ZAHNISER)

-700 FRONT SIGHT RAMP 15835 THIS IS IN THE DEVELOPMENT STAGE AND MORE PRELIMINARY WORK MUST BE DONE. ENGINEERING IS LOOKING AT THE POSSIBILITY OF ELIMINATING THE SLOT ON THE 700 FIRING PIN. IF THIS CAN BE DONE IT WILL FREE UP A MILL IN THE 700 FIRING PIN HEAD GROUP AND ALLOW THE RAMP JOB TO BE DONE IN 8502. PRESENTLY THE RAMPS ARE RUN IN DEPT. 8575. (B. ZAHNISER, B. SPORER, L. VANDAWALKER AND J. KELLY)

-INSTALLATION OF COLOR LINE 58-1 THE LAYOUT IS COMPLETE AND PROJECT HAS BEEN APPROVED. SINCE THIS IS AS ENGINEERING PROJECT JOE MEAD IS RESPONSIBLE FOR IMPLEMENTATION.

(1)

-NEW RIMFIRE AND RIMFIRE FOCUS FACTORY THE LAYOUTS HAVE BEEN COMPLETED FOR THE NEW RIMFIRE PROJECT. THESE LAYOUTS SHOW THE NEW RIMFIRE PARTS BEING PROCESSED IN EXISTING MANUFACTURING AREAS. THE 2ND PHASE OF THIS PROJECT IS TO SET UP AN ENTIRE FACTORY EXCLUSIVELY FOR RIMFIRE MANUFACTURING. INFORMATION HAS BEEN GATHERED AND INITIAL LAYOUT DESIGN HAS BEEN COMPLETED. THIS LAYOUT SHOWS A STRAIGHT LINE OPERATION BEGINNING WITH MAJOR COMPONENTS FIRST FOLLOWED BY MISC. PARTS, SUB-ASSEMBLY, TEST INSPECT, AND PACK. IT APPEARS AS THOUGH ENGINEERING AND PRODUCTION MAY HAVE SOME OTHER IDEAS AS TO HOW THE LAYOUT SHOULD BE DESIGNED, AND WHERE IT SHOULD BE LOCATED. PRESENT LAYOUT SHOWS THE FOCUS FACTORY TO BE LOCATED IN 84-4.

-COMBINE BORE REAM AND BORE POLISH IN SHOTGUN BARREL LINE PRESENTLY ENGINEERING IS LOOKING AT THE POSSIBILITY OF ELIMINATING BORE POLISH FROM THE PROCESS. IF BORE POLISH CAN BE ELIMINATED THAN THIS MOVE WILL BE NO LONGER NECESSARY. WE ARE ON HOLD WAITING FOR WORD FROM ENGINEERING BEFORE LOOKING AT THE FEASIBILITY OF THIS MOVE. (R. LINDSAY, M. GOLEMBOSKI, J. KELLY)

-NEW GENERATION RECEIVER LINE PRESENTLY GARY URICH HAS DEVELOPED A MACHINE CELL DESIGN FOR THIS LINE. PRODUCTION HAS REVIEWED THE ROUGH CUT VERSION OF THE LAYOUT AND WE ARE AWAITING THEIR REACTION/INPUT. (G. URICH, H. MCKINNEY & J. KELLY)

-FIRE CONTROL ASSEMBLY WORK CELL DESIGN THIS CELL IS PRESENTLY ON HOLD. THE FIRE CONTROL ASSEMBLERS HAVE BEEN PROGRESSING TOWARD THEIR GOALS AND FOR THIS REASON THE AREA SUPERVISION HAS ASKED US NOT TO PROCEED AT THIS TIME. (B. BRUNETTE, H. MCKINNEY, J. KELLY)

-FIXTURE/PLANT ENGINEERING CRIB TALKING WITH PLANT ENG. ABOUT THE POSSIBILITY OF PUTTING A CRIB IN 48-2 WHERE THE CUSTOMER REPAIR UNPACK AREA IS NOW LOCATED. THIS MOVE IS CONTINGENT ON A MOVE INVOLVING THE CUSTOMER REPAIR GROUP TO AN AREA IN THE WAREHOUSE. (E. MURRAY, J. KELLY PLANT ENG. GROUP)"SEE PAGE 3"

-700 BOLT HANDLE TEST JOB THE PLAN IS TO FORM A MINI MACHINE GROUP TO CONSIST OF SMALL MISC. PARTS. BOB'S DEPT IS 8575. THE OTHER TWO AREAS INVOLVED ARE DEPTS. 8551 AND 8567. THE LAYOUT HAS BEEN COMPLETED AND SUBMITTED TO DORSON DAVIS FOR COST ESTIMATE. (B. SPORER, P. EARL, L. VANDAWALKER, J. KELLY)

(2)

-ARMS SERVICE MOVE 46-2 LAYOUT IS COMPLETE AND HAS BEEN SUBMITTED TO DORSON DAVIS FOR COST ESTIMATE AND TIMING. (J. KAST & H. MCKINNEY)

-SCREW MACHINE MOVE 78-1 MOVE INVOLVES SCREW MACHINES, PARTS WASHER, AND CRIB. TO DATE ONLY THE CRIB HAS BEEN MOVED.

-POWDER METAL MOVE 78-3 MOVE INVOLVES REARRANGEMENT OF PRESSES. LAYOUT AND COST ESTIMATE IS COMPLETE AND AWAITING APPROVAL. (AREA MACHINE SETTER & H. MCKINNEY)

-DEPT. 8365 LWT. TOP RADIUS GROUP PLAN IS TO COMBI RADIUS GROUP AND THE TRIG. PLATE PIN HOLE GROUP. TH DEVELOPMENT STAGE AND WE HAVE CONTACTED ENGINEERING CONCERNING ISSUES THAT ARE PROHIBITING US FROM MAKI ENGINEERING TO FOLLOW-UP. (R. LEWIS, J. PYLE, H. M J. KELLY)

GLOVE USE  
TO LOCATE  
PBL STUD.

-DEPT. 8715 NEW GEN. ASSEM. NEW LAYOUT HAS BEEN DESIGNED WITH "KANBAN" SYSTEM". LAYOUT IS TO BE PRESENTED TO AREA PERSONNEL. (H. MCKINNEY & J. KELLY)

-GALLERY LAYOUT WITH "KANBAN" LAYOUT HAS BEEN SUBMITTED AND IMPLEMENTATION HAS ALREADY BEGUN. (H. MCKINNEY & M. URTZ)

ENGINEERING ISSUES

-FADAL MACHINES FOR TRIGGER PLATE HOLES IN 700 RECEIVER. (E. FORD)

-FADAL MACHINE TO DO EXTRACTOR CUT IN 700 BOLT - MACHINE HAS ARRIVED ON PLANT AND IS TEMPORARILY SET UP IN 48-35. FIXTURING IS BEING DESIGNED. (G. BARNES)

-SIZED MATERIAL FOR THE 700 BOLT BODY - ELIMINATE ROUGH TURN. MATERIAL IS DUE THIS MONTH.

-CHANGE 700 BOLT HANDLE CASTING TO ELIMINATE POLISH AND MAGNA FLUX. NEW CASTINGS ARE BEING USED AND WE ARE CURRENTLY RUNNING TESTS ON OPERATIONS THAT MIGHT REDUCE OR ELIMINATE HAND POLISH. (M .KEENEY, J. MEAD, J. KELLY, & J. LAWRENCE)

(3)

COMPLETED PROJECTS

-DEPT. 8335 SHOTGUN RECEIVER CELLS \*\*\*\*\*

-DEPT. 8154 700 RECEIVER CELL \*\*\*\*\*

-DEPT. 8365 SHOTGUN RECEIVER BURGMASER GROUP MOVE \*\*\*\*\*

-DEPT. 8560 BOLT LINE CELL \*\*\*\*\*  
PROJECT COST ESTIMATE-\$16,961.00 - ACTUAL-\$13,915.00

-DEPT. 8177 SHOTGUN BARREL LINE CELL PHASE #1 \*\*\*\*\*  
PROJECT COST ESTIMATE-\$10,154.00 - ACTUAL TO DATE-\$1,863.00

CRYOGENIC UNIT IS IN AND OPERATIONAL \*\*\*\*\*