

TO: R.J. ORF  
FROM: J.J. FITZER  
SUBJECT: PROGRESS REPORT FOR NOVEMBER 1993

11/30/93

O/U SHOTGUN:

PRODUCTION CAPACITY WAS CALCULATED USING CURRENT MACHINING CYCLE TIMES FOR ALL OPERATIONS IN THE FMS AREA. CONSTRAINTS WERE IDENTIFIED AND THE APPROPRIATE ADDITIONAL FIXTURING TO BRING CAPACITY TO FORTY PARTS PER DAY WAS SPECIFIED. A PROJECT WAS WRITTEN, CIRCULATED, AND RETURNED APPROVED ON NOV.15th. WE ARE ON HOLD TO ORDER THE FIXTURES UNTIL THE OWNERSHIP TRANSFER IS RESOLVED. DELIVERY WILL BE TEN TO TWELVE WEEKS FROM ROYAL MACHINE & TOOL. SEVEN T-10'S SHOULD BE DEDICATED TO THE O/U COMPONENTS. THE O/U TOOL ASSEMBLIES HAVE NOW BEEN ENTERED INTO THE FMS DATA BASE. THIS ALLOWS AUTOMATED MEASUREMENT TRANSFER AND ASSIGNMENT OF THE NUMBER OF PIECES THAT CAN BE CUT WITH THE PARTICULAR TOOL. STILL DUE TO BE COMPLETED ARE THE FRAME "B" LOAD PROGRAM FOR T-10 #12 AND AN EIGHT PART MONOBLOCK PROGRAM TO ALLOW FOR SPLITTING THE FIXTURES IF REQUIRED.

M/7400-7600 (NON-FMS) RECEIVER PRODUCTION:

THE CONVENTIONAL MACHINING LINE HAS BEEN PRODUCING ABOUT 75% OF THE REQUIRED SCHEDULE. EQUIPMENT RELIABILITY, INEXPERIENCED OPERATORS, AND A CAPACITY CONSTRAINT ON ONE OPERATION HAVE BEEN THE FACTORS EFFECTING PRODUCTION. THESE ISSUES ARE BEING RESOLVED; AND FMS, MEANWHILE HAS BEEN RUNNING ONE MACHINE TO SUPPLEMENT THE NECESSARY VOLUME.

FLAT RECEIVER MACHINING TRANSFER LINE:

THE REQUEST FOR QUOTE HAS BEEN CIRCULATED FOR REVIEW PRIOR TO SENDING IT OUT TO THE VENDORS. WE ARE CURRENTLY IN A HOLD SITUATION PENDING OWNERSHIP TRANSFER.

M/870 EXPRESS RECEIVER FINISH:

MARKETING HAS GIVEN APPROVAL TO ROUGH POLISH THE PANELS BEFORE BLASTING TO ENHANCE THE APPEARANCE. TESTING IS BEING CONDUCTED TO REDUCE THE BLAST TIME AND/OR VELOCITY. A BY-PRODUCT OF THE REDUCED BLAST IS EXPECTED TO DECREASE THE AMOUNT OF DEFORMATION OF THE BARREL HOLE CAUSING THEM TO BE UNDERSIZE IN SOME CASES. FURTHER STUDY OF THIS AND THE ECONOMICS RELATED TO ADDITIONAL COSTS ARE CONTINUING.

M/870 DUCKS UNLIMITED (CANADIAN) OFFERING FOR 1994:

A ROLL MARK WITH THE "DU" LOGO AND CATTAILS WAS DESIGNED AND PROCURED. SAMPLES WILL BE PRODUCED FOR REVIEW WITHIN THE NEXT WEEK.

JACK