

TO: R. J. ORF, TECHNICAL SUPERVISOR, SHOTGUNS

FROM: T. W. HAWKINS, AREA ENGINEER *TWH*

MONTHLY REPORT - SEPT. 93'

UPON RE-ASSIGNMENT FROM THE AMAPS SECTION TO PROCESS ENGINEERING, I HAVE BEEN WORKING ON THE ALMCO VIBRATORY FINISH REPLACEMENT PROJECT. WE HAVE FOCUSSED ATTENTION TOWARD COMPLETING THE PROCESS WORK ASSOCIATED WITH OUR SHOTGUN AND RIFLE RECEIVER LINE. JACK FITZER, JOE MURRAY AND MYSELF VISITED ALMCO INC. IN ALBERT LEA, MINNESOTA TO WORK ON THE RECEIVER PROCESS, DISCUSS CELL TECHNOLOGY ASSOCIATED WITH VIBRATORY FINISH, AND WHAT IS NEEDED AT OUR FACILITY TO IMPLEMENT THE INSTALLATION OF NEW EQUIPMENT IF AND WHEN WE HAVE PROJECT APPROVAL.

THE TRIP TO ALMCO WAS CONCLUDED WITH AN ACCEPTABLE VIBRATORY PROCESS (BOTH INTERNAL DEBURRING AND EXTERNAL FINISH) OF OUR RECEIVERS. WE HAVE ALSO REDUCED OUR TIME CYCLES OF WET AND DRY VIBRATORY FINISH BY 33%. PRESENTLY, I AM IN THE PROCESS OF ESTIMATING MEDIA USAGE, TIME CYCLE AND MATERIAL HANDLING STUDIES AND LAYOUT WORK FOR POSSIBLE SITE SELECTIONS.

WE WILL INITIATE PROCESS DEVELOPMENT WORK ON OUR SHOTGUN BARRELS DURING THE MONTH OF OCTOBER WITH ANOTHER TRIP TO ALMCO. WE SHOULD COMPLETE ALL NECESSARY DEVELOPMENT WORK FOR PROCESS, SITE AND ESTIMATES BY THE END OF NOVEMBER IN AN EFFORT TO READY A PROJECT DRAFT IF NEEDED.