

Highlights

Process Development

ASEA Manipulator

Updated economics project a \$70M per year savings at a 26% ROI. These figures include additional expenditure of \$6500 for a Schaeitz LVDT receiver repositioning system, ~~to be delivered in September 1980.~~

Laser Welding

Metallurgically sound welds of the M/1100 1018 slide blocks were obtained by EDL. Welding tests of the M/1100 powder metal and XSG 8620 slide blocks are in progress. ~~Parts will be delivered by 6/30/80 for functional testing.~~

Laser Wood Carving

Artwork for the M/1100-LT-20 Ducks Unlimited gun and other designs are ready for review, ~~discussion with vendor and~~ order placement for samples.

AUTO DRILL LINE

The present method of preparing shotgun barrel blanks for the swaging machines is difficult to control and requires an unacceptably high degree of technical and engineering support. A process has been developed to replace it utilizing proven machining methods and completely automatic part handling.

It appears now, that the startups can be scheduled for the latter part of July. First will be the Chip and Filtration Systems and then the Machining Line.

The Electrical and Plumbing ~~are moving right along~~ ^{are moving right along}. By next week the area should be ready for the next phase of Millwright work. The Smoke System specifications should be finalized this week, so it can be ordered.

THERE COULD BE SOME DEGREE OF INADEQUACY OF MACHINE LUBRICATION, AS FURNISHED, OVER EXTENDED OPERATION. A DETAILED STUDY IS CURRENTLY IN PROGRESS TO DETERMINE POTENTIAL MODIFICATIONS

CURRENTLY QUOTED DRILL HEAD DELIVERIES, COULD LEAVE US WITH ~~A SHORT SUPPLY~~ ^{SHORT SUPPLY} AROUND THE FIRST OF 1981. THIS IS BEING NEGOTIATED, ~~AND~~ ^{FOR} AN ALTERNATE TYPE ~~DRILLING~~ ~~SYSTEM~~ WILL BE ~~BE~~ ^{BE} ~~INVESTIGATED~~ ^{INVESTIGATED} SHORTLY.