PROJECT: M/700 BOLT HEAD EXTRACTOR CUT CNC MACHINE

ENGINEER: BARNES

DESCRIPTION: MAINTENANCE REPLACEMENT OF THE MAGNUM AND RIVETLESS MACHINES.

CAP:

OPER:

UPDATED: 46/01/90

| <u></u> | | | | |
|------------------------------|-----------|----------|----------|-------------------------------------|
| \$ | SCHEDULED | | ACTUAL | • |
| KEY EVENTS | START | COMPLT | COMPLT | STATUS |
| WRITE SCOPE | 08/15/89 | 09/15/89 | | COMPLETE |
| REQUEST QUOTES . | 08/15/89 | 10/30/89 | | COMPLETE |
| SELECT VENDOR | 10/30/89 | 11/15/89 | 02/09/90 | EQMPLETE |
| SUBHIT PROJECT FOR APPROVAL | 01/15/90 | 02/15/90 | | COMPLETE |
| WRITE MACHINE P.O. | 10/30/89 | 11/30/89 | 03/29/90 | COMPLETE |
| DESIGN NEW FIXTURES | 08/30/89 | 10/30/89 | 05/15/90 | ADR ASSIGNED TO VENDOR 04/29/90 |
| BUILD NEW FIXTURES | 10/30/89 | 12/15/89 | 07/01/90 | /PWG. APPROVED, BUILD COMP. 8/30/90 |
| WRITE PROGRAMS | 06/01/90 | 07/25/90 | | |
| TEMPORARY MACH. INSTALLATION | 05/05/90 | 05/15/90 | | COMPLETE |
| INSTALL MACHINE | 07/15/90 | 07/20/90 | 10/15/90 | |
| CONDUCT TRIAL&PILOT | 08/10/90 | 08/30/90 | | |
| TRAIN OPERATORS | 01/30/90 | 02/20/90 | 09/30/90 | |
| WRITE PROCESS RECORD | 01/30/90 | 02/28/90 | 10/30/90 | |
| A-5 AUDIT | 01/30/90 | 02/28/90 | 10/15/90 | • |
| PRODUCTION RELEASE | 02/28/90 | 03/30/90 | 10/30/90 | • |
| CLOSE PROJECT | 03/30/90 | 04/15/90 | 10/30/90 | |

COMMENTS: THE DESIGN APPROVAL TO PROCEED WITH BUILD OF THE FIXTURES TOOK PLACE 6/30/90 WITH A 6 TO 8 WEEK BUILD PERIOD TO FOLLOW. THE TEMPORARY PLACEMENT OF THE MACHINE HAS ALLOWED PRODUCTION TO MANUFACTURE THE RIGHT AND LEFT HAND BOLT HEADS AND IMPROVE THE QUALITY AND PART FLOW. TRAINING HAS TAKEN PLACE ON ALL THREE SHIFTS.