

*Part I FT15*  
LIST OF MACHINES REQUESTED

| <u>Quantity</u>         | <u>Description</u>                                          | <u>Cost of<br/>Machines</u> | <u>Cost of<br/>Accessories</u> |
|-------------------------|-------------------------------------------------------------|-----------------------------|--------------------------------|
| <u>Milling Machines</u> |                                                             |                             |                                |
| 1 721                   | Cincinnati 0-8 Rise and Fall Mill                           | \$2,400                     | \$ 800                         |
| 1 721                   | Cincinnati 2-24 Tracer Controller<br>Hydro Mill             | 7,200                       | 800                            |
| 1 721                   | Thread Mill                                                 | 5,225                       | 2,500                          |
| <u>Grinders</u>         |                                                             |                             |                                |
| 1 721                   | Lendis #12 Centerless Grinder                               | 5,500                       | 2,000                          |
| 70074 + 1 Tech          | Lendis 6 x 30 Cylindrical Grinder                           | 5,200                       | 1,000                          |
| 1 721                   | Porter Cable Belt Grinder                                   | 1,500                       | 300                            |
| 1                       | <del>Dustkon Dust Collector</del>                           | <del>213</del>              | --                             |
| <u>Lathes</u>           |                                                             |                             |                                |
| 4 2 721                 | Fey 12" Automatic Lathes                                    | 12,400                      | 6,000                          |
| 1 721                   | Jones and Lamson #5 Turret Lathe                            | 5,500                       | 3,000                          |
| 70054 + 1 Tech          | Warner and Swasey #2 Electric Turret<br>Lathe               | 3,500                       | 500                            |
| ✓ 1 721                 | Hardinge 2nd Operation Machine                              | 1,600                       | 500                            |
| <u>General</u>          |                                                             |                             |                                |
| 2 1 721                 | 3-spindle Leland-Gifford Drill Press                        | 2,800                       | 500                            |
| 2 1 721                 | 2-spindle Leland-Gifford Drill Press                        | 4,600                       | 500                            |
| 1 721                   | Gorton Swiss-Type Automatic Screw<br>Machine 16 B           | 4,000                       | 1,000                          |
| 1 721                   | Bakewell #10 Tapper                                         | 1,500                       | 600                            |
| 1                       | Bakewell #12 Tapper <i>Not Ordered</i>                      | 3,600                       | 600                            |
| 1 721                   | Chambering Machine                                          | 8,500                       | 500                            |
| 70059 + 1 Tech          | Hydraulic Barrel Drill                                      | 8,100                       | 500                            |
| 1 721                   | P. & W. Barrel Drill Sharpener                              | 1,600                       | 250                            |
| 1                       | Cincinnati Surface Broach 5-42 1/2" 1                       | 5,500                       | --                             |
| 70055 + 1 Tech          | Oliver Drill Grinder #510 Setter                            | 700                         | --                             |
| 1 721                   | Dennison Hydraulic Press                                    | 1,200                       | 400                            |
| 1 721                   | Internal LaPointe Broaching Machine                         | 4,500                       | 1,000                          |
| 70100 - 1 Tech          | <del>4-1/2" Contour Measuring Projector</del>               | 2,746                       | 980                            |
|                         | Miscellaneous Small Equipment (Bench<br>Grinder, etc.)      | 5,000                       | --                             |
|                         | Miscellaneous Small Tools, Cutters,<br>and General Supplies | 10,000                      | --                             |
| 70079 + *1 Tech         | P. & W. Barrel Reamer                                       | 3,916                       | --                             |
| 70120-21 + *1 Tech      | Delta Drill Press                                           | 125                         | --                             |
| 70122 + *1 Tech         | Aeroil Plasto-Dip Tank                                      | 113                         | --                             |
| 1                       | G. E. Hydrogen Welding Transformer <i>Not Ordered</i>       | 648                         | --                             |

| <u>Quantity</u>           | <u>Description</u>            | <u>Cost of<br/>Machines</u> | <u>Cost of<br/>Accessories</u> |
|---------------------------|-------------------------------|-----------------------------|--------------------------------|
| <u>Tooling Facilities</u> |                               |                             |                                |
| 70078 + *1 Tech           | Cincinnati Milling Machine    | \$3,597                     |                                |
| 70084 + 1 Tech            | B. & S. #13 Universal Grinder | 3,500                       | \$ 500                         |
| 70052 + 1 Tech            | Do-All G I Surface Grinder    | 2,400                       | 600                            |
| 70055 + 1 Tech            | Cincinnati Contour Grinder    | 3,600                       | 500                            |
| 70056 + 1 Tech            | Cincinnati Monoset Grinder    | 3,000                       | 500                            |
| 70050 + 1 Tech            | Monarch 12" Toolmaker's Lathe | 3,800                       | 1,300                          |
| 70049 + 1 Tech            | Hardinge 9" Bench Lathe       | 1,200                       | 500                            |
| 70047 - 1 Tech            | Do-All Saw V-36               | 2,100                       | 800                            |
| Total                     |                               | \$142,583                   | 28,930                         |
| Grand Total               |                               | \$171,513                   |                                |

\* Government owned machines that are proposed to purchase. Costs shown include accessories.

*Part II FTI-5*  
LIST OF MACHINES REQUESTED

| <u>Quantity</u> | <u>Description</u>                                     | <u>Cost of<br/>Machines</u> | <u>Cost of<br/>Attachments</u> |
|-----------------|--------------------------------------------------------|-----------------------------|--------------------------------|
| 1 721-          | 9" x 20" Lipe Production Lathe                         | \$ 1,000                    | -                              |
| 1 721           | #2 B & S Automatic Screw Machine                       | 3,800                       | -                              |
| 1 721           | #0 " " " "                                             | 3,300                       | -                              |
| 1 721           | #00 " " " "                                            | 2,600                       | -                              |
| 1 721           | Special Cam Cutting Machine                            | 5,000                       | -                              |
| 1 721           | #11 Blanchard Surface Grinder                          | 4,000                       | -                              |
| 1 721           | Cincinnati Automatic Profiling<br>Machine, 4 Spindle   | 15,000                      | -                              |
| 1 721           | Reaming and Countersinking Machine<br>with motor drive | 2,500                       | -                              |
| 1 721           | Barnes Vertical Barrel Drill, 6<br>spindle             | 31,000                      | 3,000                          |
| 1 721           | Barnes Horizontal Barrel Reamer,<br>18 spindle         | 36,000                      | 2,500                          |
| 1 721           | New Britain Chucking Machine                           | 22,000                      | 8,000                          |
| 1 721           | Cincinnati #5 Centerless Grinder                       | 30,000                      | -                              |
| 1 721           | Power Wrench                                           | 1,500                       | -                              |
| 1 721           | Kingsbury Machine                                      | 12,000                      | 3,000                          |
| 1 721           | Schmitt Roll Marker                                    | 1,500                       | -                              |
| 1 721           | Gorton Electric Etcher                                 | 2,500                       | -                              |
| 1 721           | LaPointe Broach Sharpener                              | 4,000                       | -                              |
| 1 721           | Carboloy Tool Grinder                                  | 600                         | -                              |
| 1 721           | 1-5/8" Greenlee 6 spindle Automatic<br>Screw Machine*  | 15,000                      | 1,700                          |
| TOTAL           |                                                        | \$193,300                   | \$18,200                       |

\*NOTE: This machine has been ordered under the "Contingency" item of Part I due to its urgent need on the early operations on a number of major M/721-722 components. It is included here to readjust the project totals and place its purchase on record.