COSTING FORMULA FOR INJECTION MOLDED METAL AND CERAMIC PARTS

DATE: 4/16/82

PART NAME & NUMBER: MAG ASSM SPRING WASHER

MATERIAL . . . . $\dfrac{(\_\_\_\_ \text{lb/pc})(\_\_\_\_ \text{\$/lb})}{.95}$ . . . . . . ______

LABOR . . . . MOLDING = $\dfrac{(\_\_\_\_ \text{sec/cycle})(9.46\ \text{\$/hr})}{(\_\_\_\_ \text{cav.})(3600\ \text{sec/hr})(.65)}$ = . . ______

\+ +

PROCESSING = $\dfrac{9.46\ \text{\$/hr}}{(\_\_\_\_ \text{pc/hr})(0.95)(0.80)}$ = . . ______

TOTAL LABOR COST . . . . = ______

DIRECT CHARGES @ 100% OF LABOR . . . . ______

PLANT OVERHEAD @ 110% OF LABOR . . . . ______

INDUSTRIAL RELATIONS @ 48% OF LABOR . . . . ______

TOOL AMORTIZATION . . . . $\dfrac{(\_\_\_\_ \text{\$ tool cost})}{(\_\_\_\_ \text{pc tool life})}$ . . . . . . ______

DEPRECIATION . . . . . . $\dfrac{(118.3\ \text{\$/hr}) \times 7.5\%}{(\_\_\_\_ \text{pc/hr})}$ . . . . . . ______

FACTORY COST (FC) . . . . ______

LICENSE FEES . . . . ______

RESEARCH (14% FC) . . . . ______

MARKETING (9% FC) . . . . ______

ADMINISTRATIVE (10% FC) . . . . ______

ROYALTIES (5.5% FC) . . . . ______

MARGIN (CALCULATED BY MATERIAL CLASS) . . . . . . ______

SELLING PRICE . . . . ______

4-2-82

BARBER - PRESALE R 0112230

spring arm
small end

0.0180
5.0000
0.0947

60.0000
4.0000
0.0606

297.6111
0.0418

0.1025

0.1025

0.1127

0.0492

30000.0000
500000.0000
0.0600

156.0000
0.0569

0.5784

0.0310

0.0810

0.0531

0.0578

0.0000

0.0000

0.8003