

M/700 Bolt Latch Mechanism

Cost Breakdown

T. R. Andrews

12/17/20

Standard Material	# .43	(Estimated)
Material Variance	.05	(@ 12.2% - historical ratio)
Standard Labor	.65	(Estimated)
Labor Variance	.25	(38.6% - calculated by department based on 1979 experience)
Direct Charges	.30	(Estimated)
Industrial Relations	.43	(@ 47.9% of Labor + Labor Variance)
Other Direct Expense	.08	(Calculated based on historical gratus repair and gas & power ratios)
Additional Depreciation	.13	(@ 7.5% of project estimate)
Other Manufacturing Overhead	.23	(Calculated based on historical ratios)
Sub-Total	2.55	
Plant Overhead	.45	(@ 17.5% of subtotal - historical ratio)
Total Cost	\$3.00	

M/700 BOLT LATCH MECHANISM

COST BY COMPONENT

T.R. Andrews

12/17/80

Component	Standard Material	Standard Labor	Direct Charges
Bolt Latch (new part, 2 drill press operations, heat treat & color)	\$.168	\$.115	\$.028
Bolt Plug (existing part + 3 special machine operations & deburr)	-	.377	.169
Bolt Assembly (existing part + 1 mill oper.)	-	.053	.101
Firing Pin Assembly (existing part + assem. oper)	-	.092	.0001
Detent Plunger (new part, heat treat & color)	.234	.0004	.0004
Detent Plunger Spring (new part)	.013	-	-
Detent Retaining Pin (new part)	.011	-	-
Final Assembly (added inspection element)	-	.014	-
Total	\$.426	\$.6514	\$.2985