

ESTIMATE

5-14-67

Copies to: D.A. Anderson

R. Fox

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Title: Model Tool Box - 301 ImprovementsDate: 6/22/67Estimated by: D.G. DeRaus - R.B. Hurley - P.B. Cooper

	Rev. Sght. Changes	Bill. Sht. Changes	Rev. Sht. Enclosed Bolt Plug	Safety Section	Stock Changes	Alt.
1. DEVELOPMENT						RDH
Investigation						
Design						
Model making						
Design testing						
Models for test						
Development - Powder Metal						
Development - Molds						
Engr. Folders, C. of U. Stds.						
2. PRODUCT ENGINEERING						
Process eng. & trial run						
Pilot lot testing						
3. TOOLING						
Design	1900		2200	500	1100	
Fixtures & Gages	2400		800	300	1800	
Mold Powder metal	900			1400		
Perishable tools	50					
Tool revisions	1300		1500	1400	3100	
Vendors tooling	15200					
4. SPECIAL MACHINES			200	1100		
Construction						
Design						
Tooling						
Perishable tooling						
Operations						
5. REMINGTON MACHINES						
Construction		24000				
Design		4000				
Tooling		2000				
Perishable tooling						
Operations		2000				
6. STANDARD MACHINES & EQUIP.	1300	6000				
7. PRODUCTION AIDS						
Construction						
Operations						
8. PILOT OPERATIONS						
Machine alterations	4000					
Pilot lot mfg.						
Machine rearrangement						
Comp. obsolescence						
Provision for advancing wages & material costs						
-- R&D						
-- Plant	1050	1400	200	400	1500	
GRAND TOTAL	43000	48000	2900	4100	116700	
CURRENT PRODUCTS					24,700	
Process Engineering						

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