

PROJECT PLANNING 1960-1961ORIGINATION DATE: 6/1/60
UPDATE(S)

Project Title: Integral Avail Battery Cup

Objective: Develop Lachaussee process for producing integral avail battery cup components.

Incentive: Improve shotshell product quality, reduce costs (62CM), provide savings potential (\$700K) through automation of primer assembly.

Commitment: Demonstrate economic and technical feasibility by 3rd Qtr., 1961.

Personnel Assigned: (Man Years) 1960 1961
P. F. Cunningham .6 .5

Budget: Ammunition Research \$95M \$160M

Capital: Permanent Investment \$1,400K(1962)
Operations \$ 100K(1962)

Uncertainties:

- Tool mortalities could exceed amount of savings required for justification
- Flash hole covering techniques must be developed and demonstrated

Program Steps and Timing

	<u>Date</u>
1. Press and die set--Acceptance Test	Complete
2. Installation complete--Lonohe	10/60
3. Extended performance demonstration	12/60
4. Material and tool mortality studies	1/61
5. Product and process definition	1/61
6. Experimental run	6/61
7. Decision to purchase additional units	6/61
8. Production startup	3rd Qtr., 1961

CHART IIIREMINGTON-UMC CO. - RESEARCH ASSIGNABLE MANPOWER
(INCLUDES UNEMPLOYED RESEARCHER PERSONNEL)

	<u>12-31-79</u> <u>Headcount</u>	<u>1960</u> <u>Man Years</u>	<u>12-31-60 Forecast</u> <u>Headcount</u>
Ammunition Research			
• IED Research			
ARD	14	15.3	18
ER&D	8	9.0	9
• Other Work	9	9.0	9
Firearms Research			
• IED Research	21	24.5	25
• Other Work	6	7.5	8
Supervision	17	16.0	17
Total Exempt	75	61.3	66

CHART IV