

INCREASES (Continued)	Original Budget	Revised Budget
<u>B-1400 Model 870 Lightweight Shotgun</u> Design investigation is being continued for introduction in January 1970 in accordance with the Arms Development Schedule.	-	\$15,000
<u>G-0250 Fundamental Accuracy Program</u> To provide for increased activity on barrel, bullet and bench rest accuracy.	\$20,000	\$25,000
<u>C-1250 M/742-760 Improvements</u> To cover the need for development work on the M/742-760 to improve accuracy, durability and function and to redesign for magnum cartridges. (Change Letter No. 4)	-	\$20,000
<u>C-1450 Investigation of Bolt Unlocking Force - Center Fire Rifles</u> To investigate reducing bolt unlocking force in high pressure calibers such as 6mm. It is believed that free boring ahead of the chamber will reduce pressure substantially without affecting accuracy and velocity, and will also aid in reducing unlocking force for all types of center fire rifles and possibly relieve a serious production problem. (Change letter to be submitted.)	-	\$20,000
<u>D-0100 AD XC 20 Center Fire & Rim Fire Bolt Action Rifles</u> To complete development work on the Model 590 Series previously scheduled to have been finished in 1968.	-	\$ 5,000
<u>D-0800 Model 541 Custom Sporter</u> To continue development of a high grade sporter version in the rim fire line as included in the approved Arms Development Schedule.	-	\$ 5,000
<u>E-0250 Product Improvement & Cost Reduction</u> To provide for increased activity on M/40XB and M/742-760.	\$40,000	\$50,000
<u>E-0300 Long Range Development of Gun Principles</u> There is need to expand this work for support of various Research programs in connection with new long range development for rifles and shotguns.	\$10,000	\$20,000

ILLION RESEARCH DIVISION
Revised 1966 Budget

	Original 1966 Budget	Revised Budget 1966	Reason
IMPROVEMENT OF ESTABLISHED BUSINESS			
ARMS DESIGN - CENTERFIRE			
C-0250 Fundamental Accuracy Program	40,000	42,000	Reduction by change letter #8 & 12 (from D-0650 to D-0650)
C-0900 New Cartridges for Center Fire Rifles	110,000	110,000	in accordance with letter #10 - no change
C-0350 Firing Pin Study	7,000	7,000	
C-0600 308, 300, 243, 281, 300 Action Rifles	11,000	11,000	Change letter #10 - additional development work to return development schedule
C-0700 Investigation of M/580 CP Conversion	11,000	11,000	Change letter #10 - develop the 200 - 200 - 200 - 200
C-0950 M/700 Restyling	7,000	7,000	
C-1050 Bolt Action Center Fire Rifle Development	20,000	20,000	Change letter #9 - transfer to C-0600
C-1200 Barrel Life Evaluation	5,000	5,000	Removal of barrel life studies work
C-1250 M/742-760 Improvements	2,000	2,000	Change letter #10 - 100 - 100 - 100 - 100
C-1350 17 Cal CP Gun Development	1,000	5,000	Change letter #10 - due to decision to develop 17 Cal CP cartridge
Provision for Profitable		15,000	
Total Arms Design - Center Fire	87,000	83,000	

BARBER - PRESALE R 0103840

Project No.	Description	1968 Budget	Revised 7/1/68
D-0100	ADXC 20 CF-RF Bolt Action Rifles	\$ -	\$ 10,000
0150	High Pressure Rim Fire Guns & Ammo.	10,000	16,000
0200	M/40X Sporter	2,000	2,000
0250	New Target Rifles - Bolt Action	5,000	20,000
0400	5mm RF Auto. & Pump Rifle Investigation	8,000	20,000
0500	M/552 - 572 Improvements	2,000	2,000
0550	M/550 Improvements	5,000	5,000
0650	Development of Laminated Wood Stocks for M/66 & Future Models	-	20,000
0700	Investigate M 514 Autoloader	-	5,000
	<u>Total Arms Design - Rim Fire</u>	<u>\$ 32,000</u>	<u>\$100,000</u>
E-0150	Research on Gun Styling	\$ 10,000	\$ 5,000
0200	Misc. Small Exploratory Design Jobs	15,000	15,000
0250	Product Improvement & Cost Reduction	40,000	40,000
0300	Long Range Develop. of Gun Principles	15,000	15,000
0500	Invest. of International Match Rifles	7,000	12,000
0700	Invest. of Bolt Action Rifles LH Action	5,000	5,000
0750	Invest. of Computer Aided Design	185,000	175,000
0900	Barrel Development	20,000	10,000
1000	Measurement & Test Lab Computer Techniques & Instrumentation	10,000	20,000
1050	Arms for XC & XS Ammunition	10,000	10,000
1200	Pressure Measurement Techniques Provision for Probable Projects	-	5,000
	<u>Total Arms Design - General</u>	<u>\$342,000</u>	<u>\$312,000</u>
	<u>Total Arms Design</u>	<u>\$828,000</u>	<u>\$809,000</u>

ILION RESEARCH DIVISION
Revised 1968 Budget

	Original 1968 Budget	Revised 1968 Budget	
IMPROVEMENT OF ESTABLISHED BUSINESS			
ARMS DESIGN - CENTER FIRE			
C-0250 Fundamental Accuracy Program	4000	1000	by change in D-8.9-12 (for D-06.50 + D-02.50)
C-0300 New Calibers for Center Fire Rifles	6000	7000	
C-0350 Firing Pin Study	7000	7000	
C-0600 308, 5mm, 243 Cal Bolt Action Rifles		3000	Letter #4 - Additional studies returned to Arms Development Laboratory
C-0700 Investigation of M/580 CF Conversion		3000	Letter #5 - Review of M/580 into 22, 30, 38
C-0950 M/700 Restyling	7000	7000	
C-1050 Bolt Action Center Fire Rifle Development	20000	17000	Letter #8 - Review of R-0600
C-1200 Barrel Life Evaluation	5000	3000	Review requested to obtain results
C-1250 M/742-760 Improvements	3000	-	Letter #10 - Review of M/742-760
C-1350 17 Cal CF Gun Development	-	5000	Letter #11 - Review of M/742-760
Provision for Testables	-	5000	
Total Arms Design - Center Fire	87000	83000	