

ILION RESEARCH DIVISION

<u>Project No.</u>	<u>Description</u>	<u>1969 Budget</u>
E-0150	Research on Gun Styling	\$ 5,000
0200	Misc. Small Exploratory Design Jobs	15,000
0250	Product Improvement & Cost Reduction	40,000
0300	Long Range Develop. of Gun Principles	10,000
0500	Invest. of International Match Rifles	15,000
0700	Invest. of Bolt Action Rifles L.H.Action	5,000
0750	Invest. of Computer Aided Design	185,000
0900	Barrel Development	10,000
1000	Measurement & Test Lab Computer Techniques & Instrumentation	20,000
1050	Arms for XC & XS Ammunition	18,000
1200	Pressure Measurement Techniques	5,000
1250	Investigate Single Shot Rifle	10,000
	Provision for Probable Projects	<u>40,000</u>
	<u>Total Arms Design - General.</u>	<u>\$378,000</u>
	<u>Total Arms Design</u>	<u>\$897,000</u>
	<u>Process & Materials Research</u>	
F-0100	Injection & Compression Molding	\$ 30,000
0150	Metal Coloring & Plating	20,000
0200	Powder Metal Development	39,000
0300	Invest. of Processes for Gun Parts	30,000
0450	Powder Metal Basic Research	45,000
0500	Invest. New Alloys & Composites	26,000
0550	Numerical Controlled Process Develop.	32,000
0600	Numerical Controlled Engraving & Checkering	<u>20,000</u>
	<u>Total Process & Materials Research</u>	<u>\$242,000</u>
	<u>Traps</u>	
L-0100	Automatic Trap Improvements	\$ 15,000
0150	Tournament Trap	20,000
	Provision for Probable Projects	<u>5,000</u>
	<u>Total Traps</u>	<u>\$ 40,000</u>
	<u>Total Improvement of Estab. Business</u>	<u>\$1179,000</u>