

WILSON RESEARCH				JAN 8 1965				10/29/64			
1964-65 Annual Report - Wilson											
Classification				1965							
IMPROVEMENT OF ESTABLISHED BUSINESS (Continued)											
I. Arms Design (Continued)											
Center Fire											
TD-64215 Develop Machine Pistol XP-00A				SGA							
64226 Fundamental Accuracy Study											
301	64230 Barrel Development					10000	7000	7000		10000	✓
	64238 Plastic Sabot Evaluation					3000	2000	2000		3000	✓
	64244 XC Center Fire Rifles					20000	7000	5000		20000	✓
	64246 Lever Action Center Fire Rifle										✓
302	64249 Recoil Free Rifle					10000	5000	5000		10000	✓
	64261 Light Weight & Rust free Center Fire Rifles					10000	7000	7000		10000	✓
303	64262 New Bolt Action Center Fire Rifle					50000	73000	73000		707000	✓
304	64264 M742-750 Short Range CP Development						3000	5000		3000	✓
	New 375 Cal M/700 Rifle									3000	✓
305	64265 Fundamental Accuracy Improvement (New 864-76)							10000		10000	✓
	64259 M600 Rifle - 6mm					4000	1000	2000			✓
	64260 M600 Rifle - 350 Cal					8000	1000	1000			✓
350/506	64209 New Calibers for CP Rifles					50000	4000	7000		7000	✓
	64841 Stock - Plastic Insert Development					4000	6000	6000			✓
	64842 M700 Center Fire Rifle Cal 22-250							4000			✓
305/507	64263 Firing Pin Study					7000	6000	6000		10000	✓
						130000	135000	135000		135000	✓
	Rim Fire										✓
401	TD-64202 High Pressure Rim Fire Gun & Ammo					70000	13000	12000		5000	✓
	64235 XR-7 Autoloading 22 Cal Pistol					10000					✓
402	64250 Bolt Action Rim Fire Rifle					60000	70000	125000		125000	✓
	64255 32 Cal Rim Fire Shot Rifle					5000	5000	7000		5000	✓
	64257 Nylon 66 Stock Development						1000	700		700	✓
403	64267 Interim Appearance Improvements - Rim Fire						3000	2000		3000	✓
404	M/40X Sporter					4000	7000	7000		7000	✓

MILITARY RESEARCH									
1961-63 Annual Report									
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10/29/63									
Classification									
1964 1965									
Budget Revised Budget Estimated 1964 Revised Budget 1965 Budget									
1/1/64 7/1/64 Expenditure 10/28/63									
1965 Budget Rev. 10/28/63									
IMPROVEMENT OF ESTABLISHED BUSINESS (Continued)									
I. Arms Design (Continued)									
Center Fire									
	TD-64215: Develop Machine Pistol XP-100A	SGI							
	64226 Fundamental Accuracy Study								
6301	64230 Barrel Development								
	64238 Plastic Sabot Evaluation								
	64244 XC Center Fire Rifle								
	64246 Lever Action Center Fire Rifle								
6302	64249 Recoil Free Rifle								
	64261 Light Weight & Rust Free Center Fire Rifles								
6303	64262 New Bolt Action Center Fire Rifle								
	64264 M742-760 Short Range CF Development								
6304	New 375 Cal M/700 Rifle								
6351	64265 Fundamental Accuracy Improvement	SWI							
	64259 M500 Rifle - 6mm	"							
	64260 M500 Rifle - 350 Cal	"							
6352	64709 New Calibers for CF Rifles								
	64841 Stock - Plastic Insert Development								
	64842 M700 Center Fire Rifle Cal 22-250								
6305	64263 Firing Pin Study	SGI							
Rim Fire									
5401	TD-64202 High Pressure Rim Fire Gun & Ammo	SGI							
	64235 XR-7 Autoloading 22 Cal Pistol	"							
5402	64250 Bolt Action Rim Fire Rifle	"							
	64255 32 Cal Rim Fire Shot Rifle	"							
	64257 Nylon 66 Stock Development	"							
5403	Restyle M/550	"							
5404	M/40X Sporter	"							

ILION RESEARCH DIVISION

<u>Project</u> <u>No.</u>	<u>Description</u>	<u>1965</u> <u>Budget</u>	<u>Product</u> <u>Line</u>
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Improvement of Established Business - General LedgerArms Design

TD-65201	Investigation of Recoil Absorber	\$ 3,000	S.G.
65203	Investigate Laminated Fire Control	10,000	S.G.
65204	Model 1100 Conversion to 28 & 410 Ga.	6,000	S.G.
65301	Barrel Development	8,000	C.F.
65302	Recoil-Free Rifle Investigation	12,000 2,000	C.F.
65303	New Bolt Action Center Fire Rifles	101,000	C.F.
65304	New 375 Cal. M/700 Rifle	2,000	C.F.
65305	Fundamental Accuracy Improvement	19,000	C.F.
65306	New Calibers for Center Fire Rifles	7,000	C.F.
65307	Firing Pin Study	8,000 6,000	C.F.
65401	High Pressure Rim Fire Gun & Ammunition	5,000	R.F.
65402	New Bolt Action Rim Fire Rifles	95,000	R.F.
65403	Interim Appearance Improvements - R.F.	3,000	R.F.
65404	Model 40X Sporter	2,000	R.F.
65501	Recoil Reduction Investigation	6,000	SG & CF
65503	Research on Gun Styling	8,000	All
65504	Misc. Small Exploratory Design Jobs	10,000	All
65506	Product Improvement & Cost Reduction	59,000	All
65507	Long Range Development of Gun Principles	35,000 29,000	All
65505	Investigate Future Shotgun, C.F. & R.F. lines	51,000 36,000	All
	Provision for Probable Projects	6,000 2,700	
	<u>Total Arms Design</u>	<u>\$456,000</u>	

Process Research

TD-65601	Injection and Compression Molding	\$ 44,000	All
65602	Metal Coloring and Plating	12,000	All
65603	High Energy Rate Forming	62,000	SG & CF
65604	Powder Metal Development	40,000	All
65605	Unconventional Stocks and Fore-ends	20,000 10,000	All
65606	Metal Finishing	10,000	All
65607	Investigation of Processes for Gun Parts	<u>22,000</u> 16,000	All
	<u>Total Process Research</u>	<u>\$210,000</u>	

Total Improvement of Established Business \$666,000

ILLION RESEARCH									
1964-65 Annual Report - 1965 Budget									
Classification									
1964 1965									
IMPROVEMENT OF ESTABLISHED BUSINESS (Continued)									
1. Arms Design (Continued)									
Center Fire									
	TD-64215 Develop Machine Pistol XP-100A	SGI							
	64226 Fundamental Accuracy Study								
5301	64230 Barrel Development								
	64238 Plastic Sabot Evaluation								
	64244 XC Center Fire Rifles								
	64246 Lever Action Center Fire Rifle								
5302	64249 Recoil Free Rifle								
	64261 Light Weight & Rust free Center Fire Rifles								
5303	64262 New Bolt Action Center Fire Rifle								
	64264 M742-760 Short Range CF Development								
5304	New 375 Cal M/700 Rifle								
5357	64265 Fundamental Accuracy Improvement	SWL							
	64259 M600 Rifle - 6mm	"							
	64260 M600 Rifle - 350 Cal	"							
5357	64209 New Calibers for CF Rifles	"							
	64841 Stock - Plastic Insert Development	"							
	64842 M700 Center Fire Rifle Cal 22-250	"							
6306	64263 Firing Pin Study	SGI							
	TD 79 - 744 Firing Pin for the Custom Shop								
	Rim Fire								
5401	TD-64202 High Pressure Rim Fire Gun & Ammo	SGI							
	64235 XR-7 Autoloading 22 Cal Pistol	"							
5402	64250 Bolt Action Rim Fire Rifle	"							
	64255 32 Cal Rim Fire Shot Rifle	"							
	64257 Nylon 66 Stock Development	"							
5403	64267 Interim Appearance Improvements - Rim Fire	"							
5404	M/40X Sporter								