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PROPULSION CHEMISTRY DIVISION

1. Name: Rocket Laboratory (Old)
2. Present Book Value: \$746,436.49
3. Major modifications or changes in mission since July 1, 1954:

Until 1957-58, the research conducted in this facility emphasized component and full-scale rocket engine performance and propellant evaluation. Since that time, there has been a gradual shift to fundamental studies of atomization, vaporization, mixing, chemical reactions, heat transfer, instability, etc.

4. Present Staffing:

- | | |
|--------------------------|----|
| a.) Professional | 14 |
| b.) Assigned | 2 |
| c.) Supporting elsewhere | 39 |

5. Approximately, the date of peak staffing:

Fiscal year 1961 or later

6. Peak staffing if significantly greater than present

- | | |
|-------------------------------------|----|
| a.) research professionals assigned | 20 |
| b.) other personnel assigned | 3 |
| c.) supporting personnel (| 44 |

NOTE: As a part of project C-2002, there are being constructed in a ravine adjacent to the old rocket laboratory at Lewis, three 5000 lb. thrust non-toxic rocket test cells (\$750,000). These will be used by the Propulsion Chemistry Division.