REPORT R-122

STRAT-X

In 20 Volumes

Volume 12

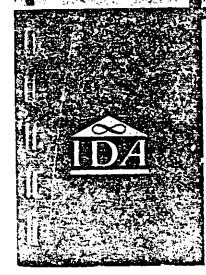
REACTION-LAND MOBILE SYSTEM (U)

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RESEARCH AND ENGINEERING SUPPORT DIVISION

400 Army-Navy Drive, Arlington, Virginia 22202



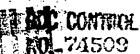
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Contract DAHC15 67 C 0011 Task T-56



NO. 74509

COMPANY

FOREWORD TO THE STRAT-X REPORTS

The STRAT-X Study was performed by the Research and Engineering Support Division of IDA in response to ARPA Contract DAHC-15-67-C-0011, Task Order T-56. Many individuals, government agencies and industrial organizations furnished information which was used in the preparation of the STRAT-X reports, but the responsibility for the contents is taken by the individuals shown below.

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Mr. Wayne M. Allen - Cost

Mr. Willard W. Perry - Payload Analysis

Dr. Benjamin Sussholz - Nuclear Effects



The STRAT-X reports are submitted in 20 volumes listed below.

-	
Volume	Title
1	The STRAT-X Report
2	Design-Active Defense System
3	Design-Rock Silo System
4	Design-Land Mobile System
5	Design-Ship Based System
6	Design-New Submarine System
7	Design-Boosters
8	Design-Payloads
9	Design-Guidance and Navigation
10	Reaction-Fixed Undefended Systems
11	Reaction-Fixed Defended Systems
12	Reaction-Land Mobile System
13	Reaction-Ship Based System
14	Reaction-New Submarine System
15	Reaction Unconventional Warfare
16	Reaction-USSR Strategy
17	Systems Analysis
18	Nuclear Effects
19	Costs
20	Pavloads Evaluation



FOREWORD TO VOLUME 12

This Volume, "Reaction--Land Mobile System", was prepared under the direction of Dr. W. Schultis. Periodic program reviews and report critiques were conducted by an advisory group made up of the following members:

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Mr. T. Walkowitz - Rockefeller Associates
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Further Technological and Engineering support was given by principal Contractors as follows:

University of Michigan - Seismic/acoustic sensor design studies LTV Electrosystem - Terminal guidance techniques and applications TRW - Satellite systems design studies GRC - Surveillance system design and paramilitary support studies



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Possible Soviet reactions to the STRAT-X Land Mobile System basing concept, including both ballistic attack and paramilitary attack by armed personnel by both air or ground, are presented. Also included is a brief description of the Land Mobile System and the major weaknesses of the system along with reaction system costs. (U)

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