

# GEOGRAPHIC INTELLIGENCE REPORT

PROBABLE UNITED STATES AND USSR GEODETIC  
ACCURACIES BETWEEN ICBM LAUNCH  
SITES AND TARGETS



CIA/RR-GR-166

November 1957

DOCUMENT NO. 2  
DOCUMENT IN CLASS. 1  
CLASSIFICATION  
DATE RECLASSIFIED: 15 6 0989  
DATE REVIEWED: 9-26-79 REVIEWER: GT2014

CENTRAL INTELLIGENCE AGENCY  
OFFICE OF RESEARCH AND REPORTS

**W A R N I N G**

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

GEOGRAPHIC INTELLIGENCE REPORT

PROBABLE UNITED STATES AND USSR GEODETIC  
ACCURACIES BETWEEN ICBM LAUNCH  
SITES AND TARGETS

CIA/RR-CR-166

November 1957

CENTRAL INTELLIGENCE AGENCY  
Office of Research and Reports

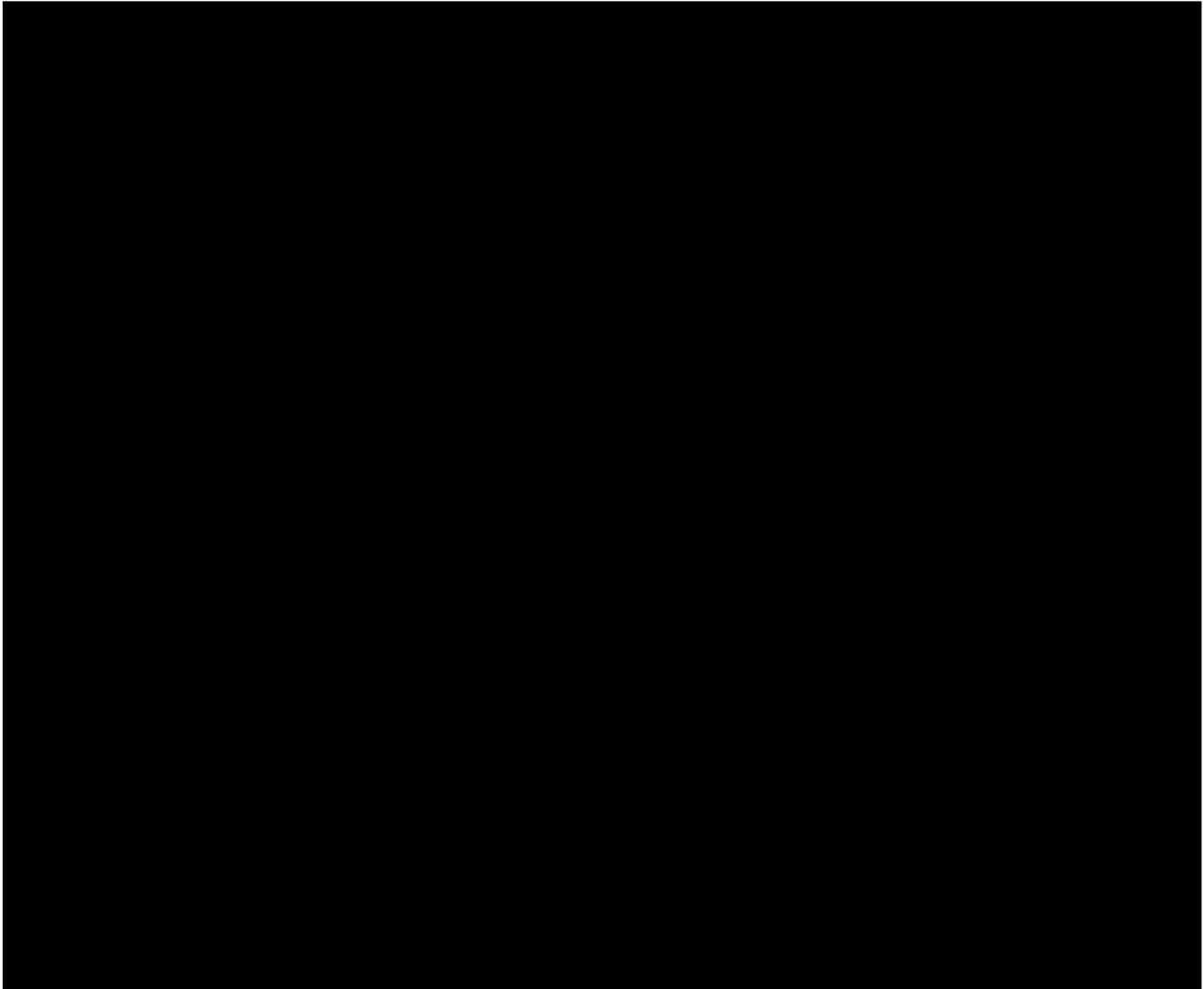
W A R N I N G

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

CONTENTS

	Page
Introduction . . . . .	1

25X1B



PROBABLE UNITED STATES AND USSR GEODETIC  
ACCURACIES BETWEEN ICBM LAUNCH  
SITES AND TARGETS

Introduction

In planning launch sites for intercontinental ballistic missiles in either the US or the USSR, it is evident that the launch sites of one nation will be prime targets of the other in case of open hostilities. The facilities of a launch site may be "soft," that is, spread out on the surface of the earth; or they may be "hard," that is, built underground to minimize surface exposure and vulnerability. The vulnerability of any launch site depends upon its degree of hardness and upon the enemy's capability for hitting the selected target, which is usually expressed as circular probable error (CEP).

It is important to distinguish between the purely operational errors (random) of the missile and the geodetic errors (systematic) which are inherent in connecting the launch and target points on the earth's surface.

25X1B

**25X1B**

**Approved For Release 2000/08/23 : CIA-RDP79-01009A001700090002-3**

**Next 11 Page(s) In Document Exempt**

**Approved For Release 2000/08/23 : CIA-RDP79-01009A001700090002-3**