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INTERAGENCY SECURITY CLASSIFICATION APPEALS PANEL.
E.O. 13526, SECTION 5.3(b)(3)
ISCAP No. 2010-063, Document 2 Date JULY 26, 2013

**NUCLEAR WEAPONS
SUPPORT FOR SOVIET
GENERAL PURPOSE
FORCES (U)**

AUGUST 1977

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NUCLEAR WEAPONS SUPPORT
FOR
SOVIET GENERAL PURPOSE FORCES

AUTHORS

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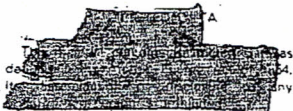
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This document is a Department of Defense Document prepared by the Nuclear Energy and Applied Sciences Division of the Directorate for Scientific and Technical Intelligence of the Defense Intelligence Agency.

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PREFACE

This report analyzes all evidence on the organization, deployment patterns and command and control structure for nuclear weapons support of the Soviet General Purpose Forces. These forces include Frontal Aviation, tactical missile, naval air, and naval ship units.

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This study was prepared by personnel of the Defense Intelligence Agency.

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Soviet PRTB-----

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SUMMARY AND CONCLUSIONS

1. [REDACTED] The focal point for the command and control of nuclear weapons for the Soviet General Purpose Forces is the Minister of Defense, who implements the decisions of the Presidium of the Communist Party and of the State Defense Council. Military organizations, such as the Chief Missile-Artillery Directorate, probably control the nuclear weapons storage sites for the forces they support, and have the responsibility for transporting weapons to the using units.

E.O. 13526, section 3.3(b)(1)

[REDACTED] During combat situations, the front commander has the authority to determine how the nuclear weapons allocated to his front will be employed within the guidelines approved by his superiors in Moscow.

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SECTION I

SOVIET NUCLEAR WEAPONS ORGANIZATION

A. General

[REDACTED] The nuclear weapon storage and logistic system in the Soviet Union has been under development since the mid 1950s. Extensive security measures, against both the Soviet populace and foreign intelligence efforts, have been successful in maintaining a veil of secrecy around most aspects of this activity.

E.O. 13526, section 3.3(b)(1)

B. Command and Control

1. [REDACTED] The Presidium of the Central Committee, CPSU, is the basic authority for decisions on deployment and use of nuclear weapons by Soviet military forces.

E.O. 13526, section 3.3(b)(1)

2. [REDACTED] The Minister of Defense implements the decisions of the Presidium and the State Defense Council on the deployment and use of nuclear weapons.

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3. [REDACTED] At the beginning of a conflict the front commander probably would receive authorization from the Minister of Defense to commence nuclear operations within approved guidelines.

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C. Nuclear Weapons Unit in the Field

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[REDACTED]

E.O. 13526, section 3.3(b)(1)

4. [REDACTED] E.O. 13526, section 3.3(b)(1) [REDACTED] indicate that East European missile and air units expect to have nuclear weapons in the event of war.

[REDACTED] E.O. 13526, section 3.3(b)(1) [REDACTED]

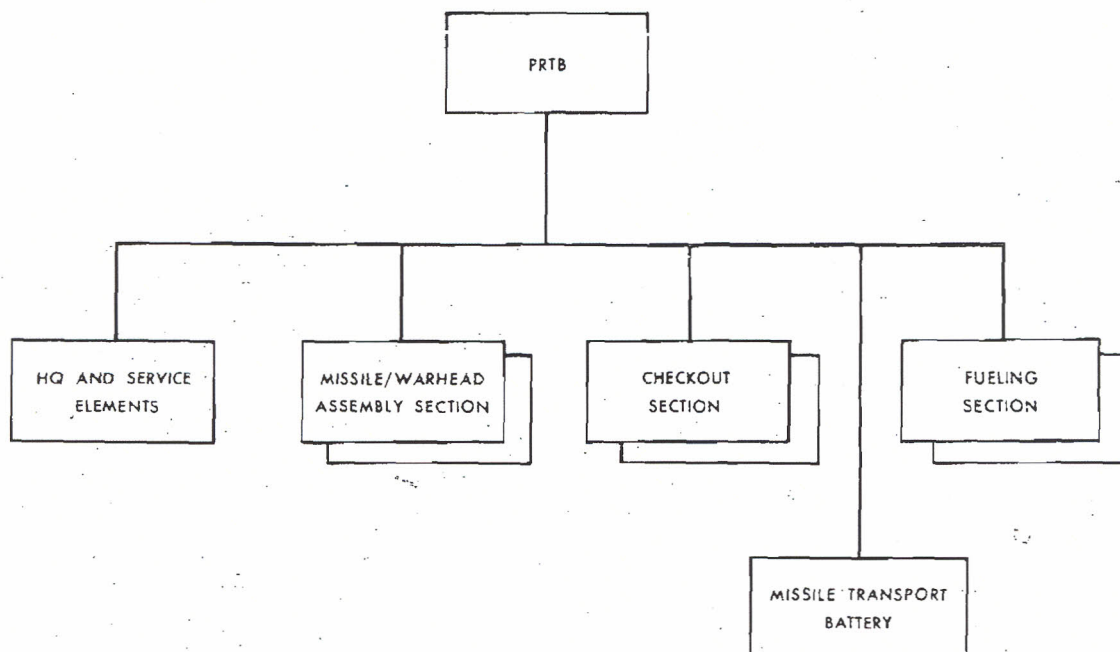
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FIGURE 1. ORGANIZATIONAL STRUCTURE OF A SOVIET PRTB

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SECTION II

SOVIET NUCLEAR WEAPONS STORAGE SITES

E.O. 13526, section 3.3(b)(1)

A. General

1. [REDACTED] There are [REDACTED] categories of Soviet installations associated with nuclear weapon storage. [REDACTED]

[REDACTED] The [REDACTED] sites [REDACTED] store and maintain both tactical and strategic nuclear weapons for war reserve. Those discussed in this study are the operational storage facilities [REDACTED] which store those nuclear weapons directly supporting the Soviet and East European units equipped with nuclear weapons delivery systems.

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SECTION III

STORAGE FOR FRONTAL AVIATION UNITS

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SECTION IV

STORAGE FOR TACTICAL MISSILE UNITS

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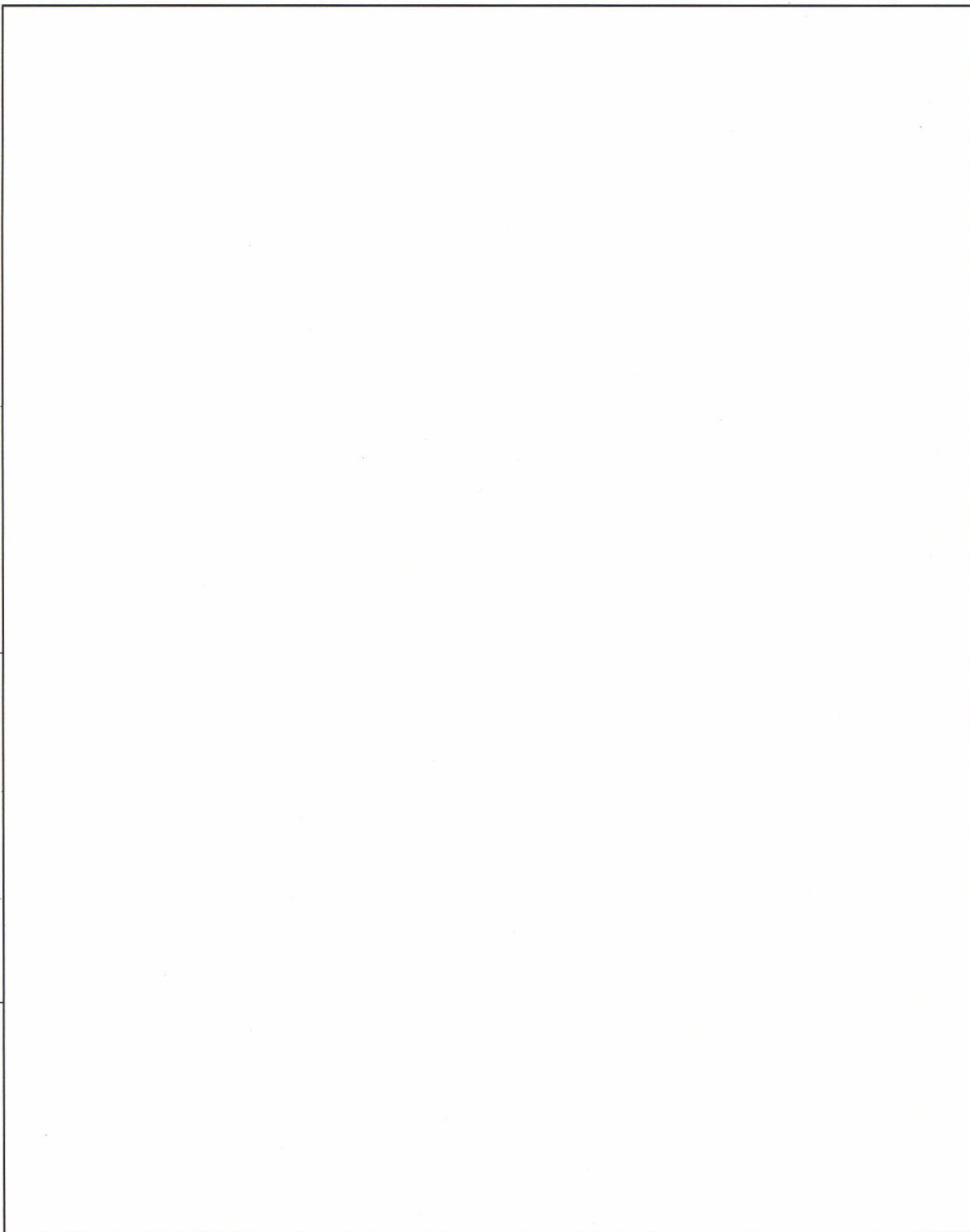
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TABLE VIII
TACTICAL MISSILE WARHEAD STORAGE SITES

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SECTION V

STORAGE FOR NAVAL UNITS

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TABLE XI

NUCLEAR STORAGE AT SOVIET NAVAL BASES [REDACTED]

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APPENDIX A

CAPABILITIES OF SELECTED SOVIET BOMBING AIRCRAFT

AIRCRAFT	RADIUS (HI-LO-HI)	BOMB BAY
FITTER A	295-340 nm (2 tanks)	external carriage
BREWER B, C	490-520 nm	12.4' x 37" x 38"
FENCER A	685-1075 nm (w/o & w/2 tanks)	external carriage
FITTER C	760 nm	external
FITTER D	(2 tanks)	carriage
FLOGGER B	870 nm (3 tanks)	external carriage
FISHBED L	300 nm (1 tank)	external carriage
FOXBAT B	500 nm w/ext tank 340 nm w/o ext tank	external carriage
FLOGGER D	530-840 nm (w/o & w/3 tanks)	external carriage

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APPENDIX B

MAJOR SOVIET TRANSPORT HELICOPTER UNITS

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APPENDIX C

CAPABILITIES OF SOVIET HELICOPTERS

TYPE	NORMAL LOAD ¹	RADIUS	CRUISE	CARGO
			SPEED (at 2000')	COMPARTMENT (l x w x h) (in feet)
HOUND (MI-4)	2,650 lbs	140 nm	100 kts	14.5 x 5 x 5
HIP (MI-8)	7,200 lbs	120 nm	115 kts	17.5 x 7.2 x 6
HOOK (uprated) (MI-6)	19,350 lbs	155 nm	125 kts	38 x 8.7 x 8.2
HARKE 3 (MI-10K)	77,150 lbs	110 nm	80 kts	27 x 9.8 x 12.5 (platform)
HIND A	2,500 lbs	165 nm	165 kts	12 x 5 x 5

¹

Payload shown for hovering take-off with a full fuel load.

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APPENDIX D

CHARACTERISTICS OF SOME SOVIET TACTICAL MISSILES



<u>SYSTEM</u>	<u>MAXIMUM RANGE</u>
FROG 3	36 km
FROG 7	70 km
SCUD A	150 km
SCUD B	300 km
SCALEBOARD	925 km

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LAUNCHERS/UNIT

Soviet-4
Polish, Czech, Romanian,
Hungarian-3-4
Bulgarian-2-3

Soviet-4
East European-same as
for FROG 3, East
Germany-4

East European-8-9

Soviet-9-12
East European-6-9

Soviet-12

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APPENDIX E

ESTIMATED SOVIET SCUD UNITS IN EASTERN EUROPE ~~TS~~ ☐

EAST GERMANY

Altengrabow (3rd Shock Army)
Alt Ruedersdorf (20th Guards Army)
Gentzrode (2nd Guards Tank Army)
Juterbog (GSFG)
Dessau/Kochstedt (1st Guards Tank Army)
Konigsbruck (GSFG)
Lieberose Area
Weissenfels (8th Guards Army)

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HUNGARY

Dombovar

CZECHOSLOVAKIA

Turnov

POLAND

Borne

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APPENDIX F

ESTIMATED SOVIET FROG UNITS IN EASTERN EUROPE (S)

EAST GERMANY-20

1st Gds Tank Army

Koningsbruck
Halle
Rosslau
Wittenberg
Zeithain

2nd Gds Tank Army

Neustrelitz
Perleberg
2 Unlocated

3rd Shock Army

Gardelegen
Krampnitz
Hillersleben
1 Unlocated

8th Gds Army

Zeitz
Ohrdruf
2 Unlocated

20th Gds Army

Bernau
Doberitz
Juterbog

POLAND-2

Borne
1 Unlocated

CZECHOSLOVAKIA-5

Zdechovice
Ceska Trebova
Komarno
2 Unlocated

HUNGARY-4

Hajmasker
Kiskunmajsa
Komarom
1 Unlocated

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APPENDIX G

ESTIMATED EAST EUROPEAN SCUD UNITS (TS)

EAST GERMANY

Torgelau
Hermsdorf

POLAND

Boleslawiec
Choszczno
Orzysz
Biedrusko

HUNGARY

Tapolca

BULGARIA

Karlovo Area
Samokov
Yambol

ROMANIA

Tecuci
Ineu

CZECHOSLOVAKIA

Stara Boleslav
Rokycany
Hranice

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APPENDIX H

ESTIMATED EAST EUROPEAN FROG UNITS

EAST GERMANY (6)

Goldberg
Gross Behnitz
Hermsdorf

Torgelau
Zeithain
Erfurt

POLAND (14)

Trzebiatow
Hrubieszow
Morag
Kozle
Zlocieniec
Zary
Gizycko

Sulechow
Szczecin
Tarnowskie Gary
Gdansk
Kostrzyn
1 Unlocated
Malbork

HUNGARY (6)

Nagykanizsa
Tata
Tapolca

Jaszbereny
Nyiregyhaza
Szentcs

CZECHOSLOVAKIA (10)¹

Bor/Vysocany
Holysov
Jistebnice
Jemcina
Kocourovce

Vimperk
Struzna
Terezin (2)
1 in 4th TD area

BULGARIA (11)

Boyanovo Area
Grudovo Area
Simitli Area
Yagoda Area
Karlovo

Tulovo Area
Malevo Area
Knyazhevo Area
3 Unlocated battalions

ROMANIA (10)

10 Unlocated battalions

¹Two unlocated FROG BN may exist in Eastern TD. (TS)

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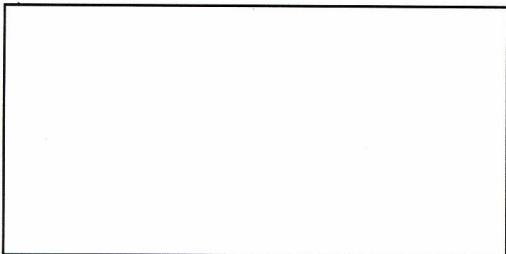
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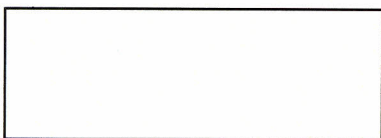
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