NUCLEAR WEAPONS SUPPORT FOR SOVIET GENERAL PURPOSE FORCES (U)

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NUCLEAR WEAPONS SUPPORT FOR SOVIET GENERAL PURPOSE FORCES

AUTHORS

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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 tactical aviation, tactical missile, naval air, and naval ship units. This study was prepared by personnel of the Defense Intelligence Agency.
SUMMARY AND CONCLUSIONS

1. 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. 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

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.

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B. Command and Control

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

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2. 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. 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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Figure 1. Organizational Structure of a Soviet PRTB
4. [Redacted] indicate that East European missile and air units expect to have nuclear weapons in the event of war.

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SECTION II

SOVIET NUCLEAR WEAPONS STORAGE SITES

A. General

1. (S) There are ______ categories of Soviet installations associated with nuclear weapon storage. The ______ sites ______ store and maintain both tactical and strategic nuclear weapons for war reserve. Those discussed in this study are the operational storage facilities ______ which store those nuclear weapons directly supporting the Soviet and East European units equipped with nuclear weapons delivery systems.

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STORAGE FOR TACTICAL AVIATION UNITS

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SECTION IV

STORAGE FOR TACTICAL MISSILE UNITS

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| TACTICAL MISSILE WARHEAD STORAGE SITES |

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STORAGE FOR NAVAL UNITS

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**TABLE XII**

NUCLEAR STORAGE AT SOVIET NAVAL BASES

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### APPENDIX A

**CAPABILITIES OF SELECTED SOVIET BOMBING AIRCRAFT**

<table>
<thead>
<tr>
<th>AIRCRAFT</th>
<th>RADIUS (HI-LO-HI)</th>
<th>BOMB BAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FITTER A</td>
<td>305-455 nm (w/2-4 tanks)</td>
<td>external carriage</td>
</tr>
<tr>
<td>FITTER B</td>
<td>320-345 nm (w/1 tank)</td>
<td>external carriage</td>
</tr>
<tr>
<td>SEAGULL</td>
<td>490 nm</td>
<td>13.7' x 37&quot; x 43&quot;</td>
</tr>
<tr>
<td>DORSER B, C</td>
<td>490-520 nm</td>
<td>12.4' x 37&quot; x 38&quot;</td>
</tr>
<tr>
<td>FENCER A</td>
<td>895 nm (w/2 tanks)</td>
<td></td>
</tr>
<tr>
<td>FITTER C</td>
<td>520 nm (w/2 tanks)</td>
<td>external carriage</td>
</tr>
<tr>
<td>FLYGGER B</td>
<td>560-860 nm (w/0-3 tanks)</td>
<td>external carriage</td>
</tr>
<tr>
<td>FISHERBED L</td>
<td>310-375 nm (w/7-8 tank)</td>
<td>external carriage</td>
</tr>
</tbody>
</table>
# CAPABILITIES OF SOVIET HELICOPTERS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>NORMAL LOAD</th>
<th>RADIUS</th>
<th>CRUISE SPEED (at 2000')</th>
<th>CARGO COMPARTMENT (lxwxh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOUND (MI-4)</td>
<td>2,650 lbs</td>
<td>140 nm</td>
<td>100 kts</td>
<td>14.5 x 5 x 5</td>
</tr>
<tr>
<td>HIP (MI-8)</td>
<td>7,200 lbs</td>
<td>120 nm</td>
<td>115 kts</td>
<td>17.5 x 7.2 x 6</td>
</tr>
<tr>
<td>HOOK (uprated) (MI-6)</td>
<td>19,350 lbs</td>
<td>155 nm</td>
<td>125 kts</td>
<td>3 x 8.7 x 8.2</td>
</tr>
<tr>
<td>HARKE 3 (MI-10K)</td>
<td>77,150 lbs</td>
<td>110 nm</td>
<td>80 kts</td>
<td>27 x 9.8 x 12.5 (platform)</td>
</tr>
<tr>
<td>HIND A</td>
<td>2,500 lbs</td>
<td>165 nm</td>
<td>165 kts</td>
<td>12 x 5 x 5</td>
</tr>
</tbody>
</table>

1 Payload shown for hovering take-off with a full fuel load.
## APPENDIX D

**CHARACTERISTICS OF SOME SOVIET TACTICAL MISSILES**

<table>
<thead>
<tr>
<th>SYSTEM</th>
<th>MAXIMUM RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROG 3</td>
<td>36 km</td>
</tr>
<tr>
<td>FROG 7</td>
<td>70 km</td>
</tr>
<tr>
<td>SCUD A</td>
<td>150 km</td>
</tr>
<tr>
<td>SCUD B</td>
<td>300 km</td>
</tr>
<tr>
<td>SCALEBOARD</td>
<td>925 km</td>
</tr>
</tbody>
</table>

### LAUNCHERS/UNIT

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

- Soviet-4
- East European-same as for FROG 3
- East European-8-9
- Soviet-9-12
- East European-8-9
- Soviet-12

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APPENDIX E

ESTIMATED SOVIET SCUD UNITS IN EASTERN EUROPE

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
Naumberg (8th Guards Army)

HUNGARY

Dombóvar

CZECHOSLOVAKIA

Turnov

POLAND

Borne

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**APPENDIX F**

**ESTIMATED SOVIET FROG UNITS IN EASTERN EUROPE (2)**

**EAST GERMANY-20**

<table>
<thead>
<tr>
<th>1st Gds Tank Army</th>
<th>2nd Gds Tank Army</th>
<th>3rd Shock Army</th>
</tr>
</thead>
<tbody>
<tr>
<td>Koningsbruck</td>
<td>Schwerin</td>
<td>Gardelegen</td>
</tr>
<tr>
<td>Halle</td>
<td>Neustrelitz</td>
<td>Krampnitz</td>
</tr>
<tr>
<td>Rosslau</td>
<td>Perleberg</td>
<td>Hillersleben</td>
</tr>
<tr>
<td>Wittenberg</td>
<td>Vogelsang</td>
<td>Neuruppin¹</td>
</tr>
<tr>
<td>Zeithain</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8th Gds Army</th>
<th>20th Gds Army</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jena¹</td>
<td>Bernau¹</td>
</tr>
<tr>
<td>Zeitz</td>
<td>Doberitz</td>
</tr>
<tr>
<td>Wurzen¹</td>
<td>Wunsdorf</td>
</tr>
<tr>
<td>Ohrdruf</td>
<td></td>
</tr>
</tbody>
</table>

**POLAND-2**

- Borne
- Swietoszow

**CZECHOSLOVAKIA-5**

- Zdechovice
- Ceska Trebova
- Komarno
- 2 Unlocated

**HUNGARY-4**

- Hajmasker
- Kiskunmajsa
- Komorom
- 1 Unlocated

¹ Units are unlocated, but are suspected to be in area of these locations.
APPENDIX G

ESTIMATED EAST EUROPEAN SCUD UNITS (US)

EAST GERMANY
Torgelau

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/Bad Klaustnitz

POLAND (14)

Trzebiatow
Hrubieszow
Braniewo
Cubin
Morag
Kozle

Szczechin
Gdansk (?)
Stargard
Zary (?)
Opole (?)
3 unlocated battalions

HUNGARY (6)

1 unlocated battalion
Kaposvar
Tata
Tapolca

Jaszbereny
Nyiregyhaza

CZECHOSLOVAKIA (10)¹

Bor/Vysocany
Holysov
Jistebenice (?)
Jemcina
Kocourovec

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

BULGARIA (10)

Boyanovo
Grudovo
Simitli Area
Yagoda Area

Tulovo Area
Malevo Area
Knyazhevo Area
3 unlocated battalions

ROMANIA (10)

10 unlocated battalions

¹Two unlocated FROG BN may exist in Eastern TD.

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<table>
<thead>
<tr>
<th>DISTRIBUTION LIST</th>
<th>DEPT OF AIR FORCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIA</td>
<td></td>
</tr>
<tr>
<td>U &amp; S COMMANDS</td>
<td></td>
</tr>
<tr>
<td>DEPT OF ARMY</td>
<td></td>
</tr>
<tr>
<td>DEPT OF NAVY</td>
<td>170</td>
</tr>
</tbody>
</table>

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