

NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

# OAK SUPPLEMENT

**PHOTOGRAPHIC INTERPRETATION REPORT**

## KH-4 MISSION 1109

### IPIR NUMBER 13

### OAK SUPPLEMENT PART IX

5-23 MARCH 1970

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**TOP SECRET**

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TARGET CATEGORIES  
AND  
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)

- |  |   |
|--|---|
| 1. STRATEGIC SSM<br>Deployed Strategic SSM Facilities (A)  | 7. GROUND<br>Ground Force Facilities (G)  |
| 2. MISSILE RANGES<br>Missile Ranges: Strategic SSM/Space Facilities (P)<br>Missile Ranges: Air-Launched Missile Facilities (Q)<br>Missile Ranges: Naval-Launched Missile Facilities (R)<br>Missile Ranges: Tactical SSM Facilities (S)<br>Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM<br>Deployed Tactical SSM Facilities (H)   |
| 3. AIR DEFENSE MISSILES<br>Deployed AMM Facilities (B)<br>Deployed SAM Facilities (D)  | 9. LOGISTICS<br>Military Logistics Facilities (K)   |
| 4. ELECTRONICS/COMMUNICATIONS<br>Deployed Communication/Electronic/Radar Facilities (C)  | 10. NUCLEAR ENERGY<br>Atomic Energy Facilities (O)  |
| 5. AIR<br>Air Base Facilities (E)  | 11. CBR<br>CBR Facilities (V)   |
| 6. NAVAL<br>Naval Base Facilities (F)  | 12. INDUSTRY<br>Strategic Weapons Industrial Facilities (J)<br>General Purpose Weapons Industrial Facilities (L)<br>Non-Military Industrial Facilities (N)<br>Communication/Electronic/Radar R&D Facilities (U) |
|  | 13. MISCELLANEOUS<br>Non-Military Logistics Facilities (M)<br>Miscellaneous/Unidentified Facilities (Z)   |


These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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PREFACE

PREFACE

THIS IS THE NINTH OAK SUPPLEMENT REPORT ON MISSION 1109. FOR COMPLETE PREFACE SEE THE FIRST OAK SUPPLEMENT REPORT.

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HIGHLIGHTS

MISSION HIGHLIGHTS

USSR

AIR ACTIVITY

25X1D

25X1D A DECREASE IN FIGHTER AIRCRAFT IS NOTED ON [REDACTED] AT TWO  
25X1D AIRFIELDS NEAR THE WESTERN SECTOR OF THE USSR-CHINA BORDER. AT  
CHIMKENT AIRFIELD THERE ARE 32 FEWER SWEEP/DELTA-WING AIRCRAFT  
THAN WERE OBSERVED IN [REDACTED] WHEN 56 WERE SEEN AT THE  
AIRFIELD. AT ANDIZHAN AIRFIELD THERE IS A DECREASE OF 23  
SWEEP/DELTA-WING AIRCRAFT FROM THE 38 THAT WERE PRESENT WHEN  
THE AIRFIELD WAS LAST COVERED IN [REDACTED]

GROUND FORCE ACTIVITY

25X1D ONLY 15 HEAVY AND 15 MEDIUM HELICOPTERS ARE PRESENT ON 11  
MARCH AT SREDNE-BELAYA ARMY BARRACKS AL 1, APPROXIMATELY 20  
NAUTICAL MILES FROM THE USSR-CHINA BORDER. THIS IS A DECREASE  
OF FOUR HEAVY AND 23 MEDIUM HELICOPTERS AT THIS BARRACKS SINCE  
IT WAS LAST OBSERVED ON [REDACTED]

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CHINA, COMMUNIST  
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

SHUANG-CHENG-TZU MTC SAM LAUNCH CPLX

41-04-26N 100-30-32E

[REDACTED]

[REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITES A AND B ARE OCCUPIED. LAUNCH SITE C REMAINS UNOCCUPIED AND UNCHANGED. THE SAM HOUSING AND SUPPORT AREA IS PROBABLY ACTIVE.

25X1D

[REDACTED]

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CHINA, COMMUNIST  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D SHEN-YANG SAM SITE B05-2 25X1A

41-59-45N 123-44-15E

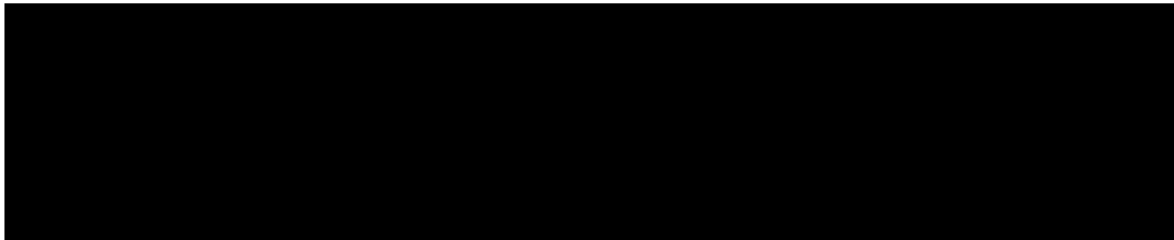
25X1A

STATUS:UNOCCUPIED

REMARKS:

SOME PIECES OF EQUIPMENT WHICH DO NOT APPEAR SAM RELATED ARE IN THREE OF THE LAUNCH POSITIONS, THE GUIDANCE AREA, AND A PARKING AREA.

25X1D



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CHINA, COMMUNIST  
COMMO/ELEC/RADAR FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1A

25X1D

LOP NOR RADCOM XMTR NO 5 CHIU-HO-SHIH

42-14-54N 087-16-42E

STATUS: OPERATIONAL

25X1D

[REDACTED]



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CHINA, COMMUNIST  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D HO-CHENG ARMY BARRACKS AL 1 25X1A 44-11-35N 080-24-00E 25X1A

STATUS: OCCUPIED

REMARKS:  
THE PREVIOUSLY REPORTED LOOKOUT POSITION APPEARS TO HAVE A  
PROBABLE OBSERVATION TOWER CONSTRUCTED ON TOP.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

**25X1B**

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CZECHOSLOVAKIA  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D KARLOVY VARY SAM SITE A11-2 25X1A 50-11-45N 013-04-30E  
[REDACTED]

STATUS:OCCUPIED

REMARKS:  
THE SITE IS PROBABLY OCCUPIED.

25X1D [REDACTED]

25X1D PLZEN SAM SITE B30-2 25X1A 49-51-21N 013-04-57E 25X1A  
[REDACTED]

STATUS:OCCUPIED

REMARKS:  
THE SITE IS PROBABLY OCCUPIED, THREE OF THE LAUNCH POSITIONS  
APPEAR TO BE COVERED, POSSIBLY BY NETTING.

25X1D [REDACTED]

25X1D PRAHA SAM SITE B25-2 25X1A 49-58-08N 014-00-43E 25X1A  
[REDACTED]

STATUS:OCCUPIED

REMARKS:  
TWO OF THE LAUNCH POSITIONS ARE PROBABLY OCCUPIED. THE  
REMAINING LAUNCH POSITIONS ARE CAMOUFLAGED.

25X1D [REDACTED]

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CZECHOSLOVAKIA  
AIR DEFENSE MISSILES

OTHER RESULTS-NO APPARENT CHANGE

25X1D PLZEN SAM SITE B14-2 25X1A 49-33-04N 013-42-24E  
[REDACTED] [REDACTED] [REDACTED]  
STATUS:UNKNOWN 25X1A

REMARKS:  
THREE LAUNCH POSITIONS ARE COVERED, PROBABLY BY NETTING.

25X1D [REDACTED]

25X1D PRAHA SAM SITE B29-2 25X1A 50-10-33N 013-58-23E  
[REDACTED] [REDACTED]  
STATUS:UNKNOWN

25X1D [REDACTED]

25X1D PRAHA SAM SUPPORT FACILITY 2 50-01-20N 014-03-15E  
[REDACTED] [REDACTED]  
STATUS:UNKNOWN 25X1A

25X1D [REDACTED]

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UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

AL GHURDAQAH SAM SITE A29-2

25X1A 27-16-05N 033-45-25E

[REDACTED]

[REDACTED]

STATUS: OCCUPIED

25X1D

[REDACTED]

25X1D

AS SUWAYS SAM SITE A33-2

25X1A 30-03-05N 032-30-00E

[REDACTED]

[REDACTED]

STATUS: OCCUPIED

25X1D

[REDACTED]

25X1D

AS SUWAYS SAM SITE B32-2

30-05-58N 032-24-56E

[REDACTED]

[REDACTED]

STATUS: OCCUPIED

25X1A

REMARKS:  
THE SITE IS PROBABLY OCCUPIED.

25X1D

[REDACTED]

25X1D

AS SUWAYS SAM SITE B33-2

30-12-13N 032-22-25E

[REDACTED]

[REDACTED]

STATUS: OCCUPIED

25X1A

25X1D

[REDACTED]

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25X1D

UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

[REDACTED]

25X1D AS SUWAYS SAM SUPPORT FACILITY 29-59-55N 032-32-00E  
[REDACTED]

STATUS: OPERATIONAL 25X1A

REMARKS:  
THE FACILITY IS POSSIBLY OPERATIONAL.

25X1D [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D AS SUWAYS SAM SITE A34-2 25X1A 30-00-20N 032-31-50E  
[REDACTED]

STATUS: UNOCCUPIED

25X1D [REDACTED]

25X1D AS SUWAYS SAM SITE B06-2 25X1A 30-04-10N 032-44-20E  
[REDACTED]

STATUS: UNOCCUPIED

25X1D [REDACTED]

25X1D AS SUWAYS SAM SITE B15-2 25X1A 29-48-02N 032-42-10E  
[REDACTED]

STATUS: UNOCCUPIED

25X1D [REDACTED]

25X1D AS SUWAYS SAM SITE B22-2 25X1A 29-43-20N 032-20-45E  
[REDACTED]

STATUS: UNOCCUPIED

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UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

REMARKS:  
THE SITE IS PROBABLY UNOCCUPIED.

25X1D [REDACTED]

25X1D AS SUWAYS SAM SITE B32 A-2 25X1A 30-08-45N 032-23-00E  
[REDACTED]

STATUS:UNOCCUPIED

25X1D [REDACTED]

25X1D AS SUWAYS SAM SITE B33A-2 25X1A 30-11-30N 032-23-00E  
[REDACTED]

STATUS:UNOCCUPIED

25X1D [REDACTED]

25X1D AS SUWAYS SAM SITE B35-2 25X1A 30-11-40N 032-28-10E  
[REDACTED]

STATUS:UNOCCUPIED

REMARKS:  
THE SITE IS PROBABLY UNOCCUPIED.

25X1D [REDACTED]

25X1D AS SUWAYS SAM SITE C21-2 25X1A 29-40-20N 032-19-20E  
[REDACTED]

STATUS:UNOCCUPIED

25X1D [REDACTED]

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UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

ABU SUNBUL AIRFIELD  
[REDACTED]

25X1A

22-21-30N 031-37-30E  
[REDACTED]

STATUS:UNDER CONSTRUCTION

AIR ORDER OF BATTLE:  
NONE PRESENT

25X1D

[REDACTED]

25X1D

NEW VALLEY AIRFIELD  
[REDACTED]

25X1A

25-28-24N 030-34-30E  
[REDACTED]

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]



**25X6**

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HUNGARY  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1A

25X1A

25X1D

PAPA ARMY BARRACKS BOTTYAN JANOS 1

47-18-12N 017-29-40E

STATUS: OCCUPIED

25X1D

25X1D

REMARKS:

A POSSIBLY REVETTED VEHICLE SHED [REDACTED] HIGH HAS  
[REDACTED] WIDE, AND [REDACTED]  
BEEN NEWLY CONSTRUCTED IN THE SECURED POSSIBLE STORAGE FACILITY  
IMMEDIATELY WEST OF THE BARRACKS AREA AND ADJACENT TO THE  
TRAINING AREA. A NEW REVETMENT HAS ALSO BEEN CONSTRUCTED IN  
THIS POSSIBLE STORAGE FACILITY.

25X1D

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

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KOREA, NORTH  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D PYONGYANG SAM SITE C12-2 38-53-20N 126-12-40E  
[REDACTED] 25X1A

STATUS: OCCUPIED

25X1D MISSILE ORDER OF BATTLE:  
[REDACTED]  
3 PROB LAUNCHERS

1 PROB FAN SONG RADAR

25X1D [REDACTED]  
6 PROB LAUNCHERS (3 WITH  
POSS MISSILES)

1 PROB FAN SONG RADAR

25X1D

[REDACTED]

25X1A

25X1D PYONGYANG SAM SITE C33-2 39-20-25N 125-31-25E  
[REDACTED]

STATUS: OCCUPIED

MISSILE ORDER OF BATTLE:  
6 PROB LAUNCHERS

1 PROB FAN SONG RADAR

25X1D

[REDACTED]

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KOREA, NORTH  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D PYONGSAN ARMY BARRACKS

25X1A

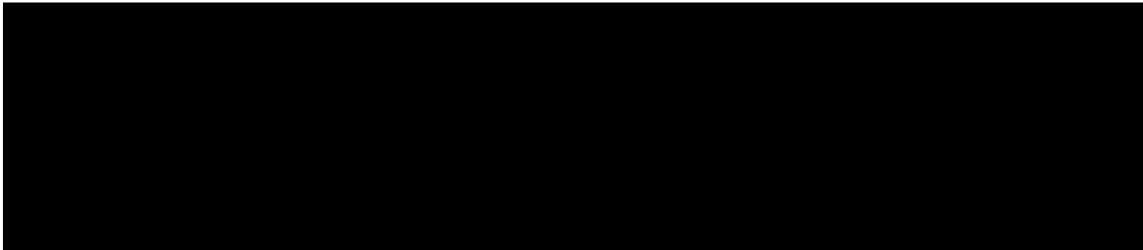
38-16-15N 126-26-15E



25X1A

STATUS: NEGATED

REMARKS:  
NO MILITARY ACTIVITY IS OBSERVED. THE INSTALLATION AT THE REFERENCED COORDINATES IS A CIVILIAN HOUSING/FARMING COMMUNE.



25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D HYOPHUNG-NI HQ + BKS 2ND INF REGT

39-29-40N 125-35-56E



STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE



25X1D

25X1D KUMCHON HQ 48 ARTY REGT/ARMY/BKS/STOR

39-24-44N 125-44-45E



STATUS: OCCUPIED

25X1A

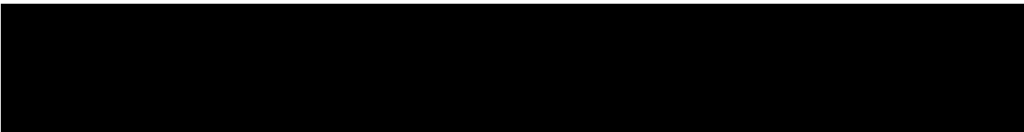
GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

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KOREA, NORTH  
GROUND FORCE FACILITIES

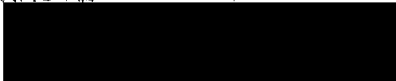
25X1D



SAMGYE-RI ARMY STORAGE AREA

39-14-50N 126-45-26E

25X1D

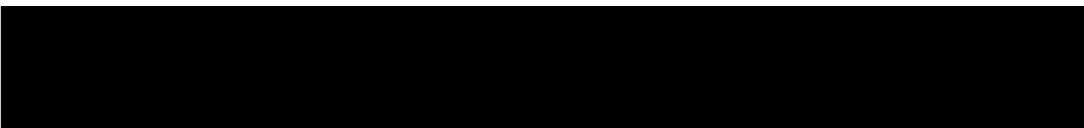


25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



SINOPA HQ + BKS AREA 1ST MTZ INF DIV

39-19-02N 125-37-26E

25X1D

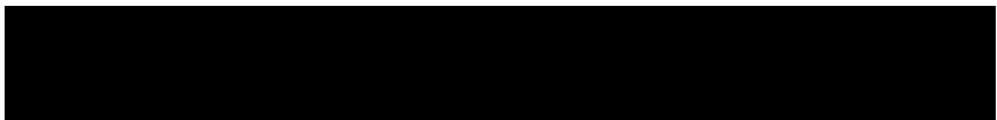


25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



YANGDOG-UP ARMY BARRACKS WNW

39-14-40N 126-28-08E

25X1D

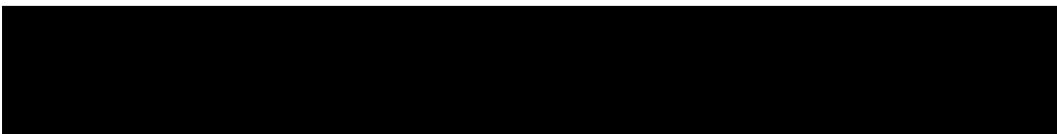


25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



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KOREA, NORTH  
GROUND FORCE FACILITIES

YUNG-NI PROB ARTY REGT + ARMY BKS

25X1A  
39-26-13N 125-38-22E

25X1D



STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



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KOREA, NORTH  
LOGISTICS

SIGNIFICANT RESULTS

25X1D KAESONG RR YARDS 25X1A 37-57-55N 126-32-35E  
[REDACTED]  
STATUS: OPERATIONAL

REMARKS:  
ACTIVITY IS LIGHT. THE YARD IS LESS THAN 10 PERCENT FILLED.

25X1D [REDACTED]

25X1D PYONGSAN RAILROAD YARDS 25X1A 38-19-40N 126-24-00E  
[REDACTED]  
STATUS: OPERATIONAL

REMARKS:  
ACTIVITY IS LIGHT. THE YARD IS LESS THAN 15 PERCENT FILLED.

25X1D ASSOCIATED OBJECTS:  
[REDACTED]  
15 PIECES OF ROLLING STOCK  
(AT LEAST)

25X1D [REDACTED]

25X1D PYONGYANG PETROLEUM PRODUCTS STORAGE 39-01-40N 125-42-40E  
[REDACTED] 25X1A [REDACTED] 25X1A

STATUS: OPERATIONAL

REMARKS:  
POSSIBLE SHEDS ARE UNDER CONSTRUCTION AROUND SIX OF THE 10-TANK  
UNITS.

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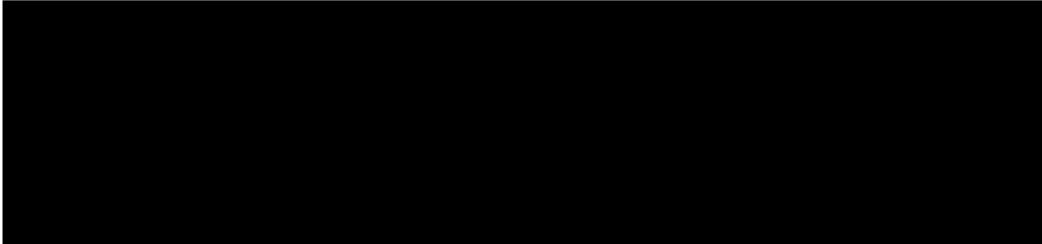
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KOREA, NORTH  
LOGISTICS

25X1D



25X1D

PYONGYANG RR CLF YARD SOPO



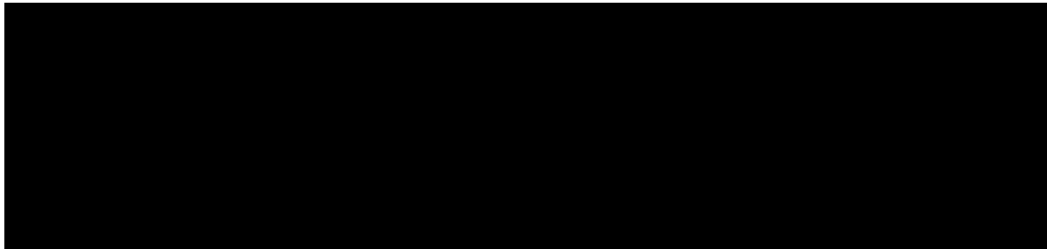
25X1A 39-05-15N 125-44-10E



STATUS: OPERATIONAL

REMARKS:  
ACTIVITY IS LIGHT. THE YARD IS LESS THAN 5 PERCENT FILLED.

25X1D



25X1D

PYONGYANG RR STN + YARDS MAIN



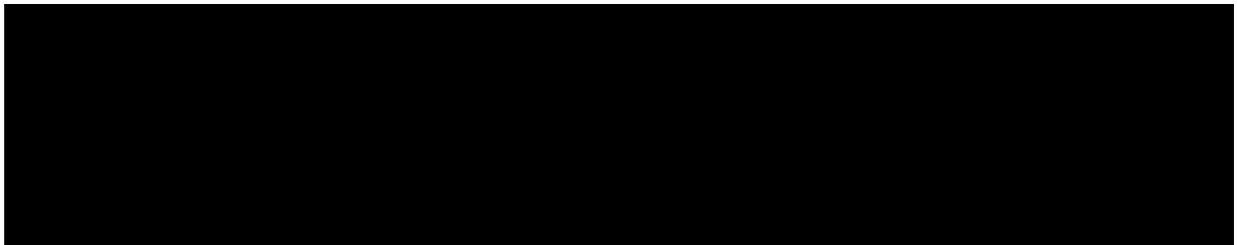
25X1A 39-00-10N 125-44-15E



STATUS: OPERATIONAL

REMARKS:  
ACTIVITY IS LIGHT. THE YARD IS LESS THAN 10 PERCENT FILLED.

25X1D





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KOREA, NORTH  
LOGISTICS

25X1D SARIWON RAILROAD YARDS 25X1A 38-30-05N 125-45-50E  
[REDACTED]

STATUS: OPERATIONAL

REMARKS:  
ACTIVITY APPEARS MODERATE WITH THE YARD APPROXIMATELY 30 PERCENT FILLED.

25X1D [REDACTED]

25X1D SINMAK RR YARDS + REPAIR SHOPS 25X1A 38-25-00N 126-13-50E  
[REDACTED]

STATUS: OPERATIONAL

REMARKS:  
ACTIVITY APPEARS LIGHT.

25X1D [REDACTED]

25X1D SINUIJU RR YARDS + SHOPS 25X1A 40-06-14N 124-24-19E  
[REDACTED]

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:  
IN THE NE PORTION OF SINUIJU,  
THE FACILITY CONSISTS OF A CLASSIFICATION YARD AT LEAST TEN TRACKS WIDE AND A REPAIR YARD AT LEAST FIVE TRACKS WIDE. THE

Handle Via  
Talent KEYHOLE  
Control System Only

~~TOP SECRET RUFF~~

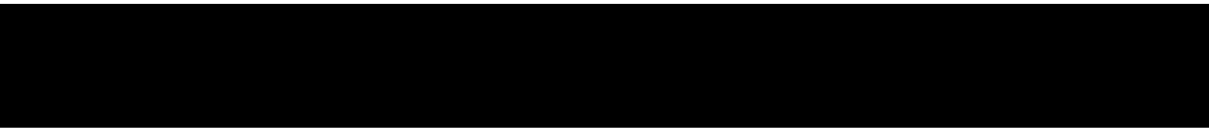
TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

KOREA, NORTH  
LOGISTICS

CLASSIFICATION YARD CONTAINS TWO LARGE COVERED PASSENGER/FREIGHT PLATFORMS, A PASSENGER STATION, AND TWO SUPPORT BUILDINGS. THE REPAIR YARD CONTAINS THREE PROBABLY DRIVE-IN CAR REPAIR BUILDINGS AND NUMEROUS SHOPS/SUPPORT BUILDINGS. ACTIVITY IS LIGHT. THE YARDS ARE LESS THAN 10 PERCENT FILLED.

ASSOCIATED OBJECTS:  
1 LOCOMOTIVE (UNDER POWER)  
20 PIECES OF ROLLING STOCK  
(AT LEAST)

25X1D



OTHER RESULTS-NO APPARENT CHANGE

HWANGJU-UP PET PRD STORAGE PUG

25X1A 38-41-39N 125-49-42E

25X1D



STATUS: OPERATIONAL

25X1D



KAESONG PET PRD STR PUG WEST

25X1A 37-58-00N 126-28-30E

25X1D



STATUS: OPERATIONAL

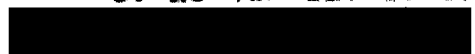
25X1D



KOWON RR BRIDGE OVER TOKCHI GANG

25X1A 39-26-43N 127-15-01E

25X1D



STATUS: OPERATIONAL

25X1D



~~TOP SECRET RUFF~~

Handle Via  
Talent KEYHOLE  
Control System Only

Handle Via  
Talent-KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109  
25X1D

KOREA, NORTH  
LOGISTICS



POKYE-RI RAILROAD YARDS AND SHOPS

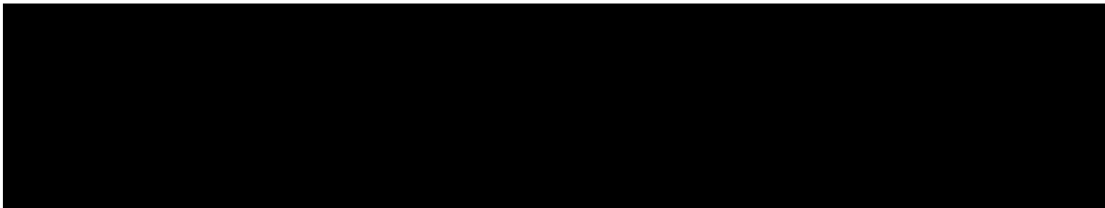
25X1A 38-26-15N 127-15-51E

25X1D



STATUS: OPERATIONAL

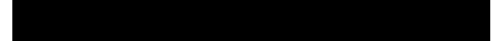
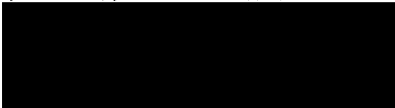
25X1D



PYONGGANG RAILROAD YARDS

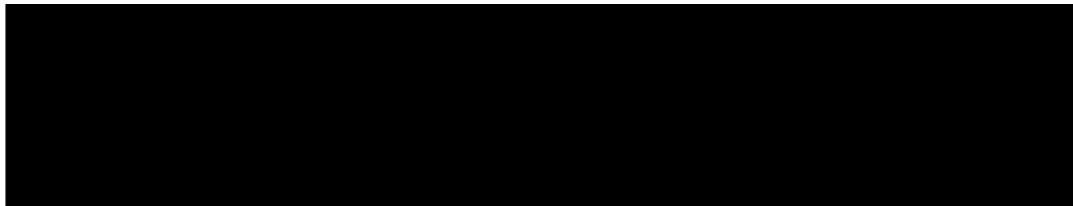
25X1A 38-24-31N 127-17-28E

25X1D



STATUS: OPERATIONAL

25X1D



PYONGYANG POL STOR AREA PUG

25X1A 39-05-40N 125-43-25E

25X1D



STATUS: OPERATIONAL

25X1D



Handle Via  
Talent KEYHOLE  
Control System Only

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TOP SECRET RUFF

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KH-4 MISSION 1109

KOREA, NORTH  
LOGISTICS

25X1D SINUIJU RR YARDS SW 25X1A 40-06-02N 124-23-04E  
[REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

25X1D TAECHON POL STORAGE 25X1A 39-57-12N 125-27-28E  
[REDACTED] [REDACTED] [REDACTED]  
25X1A

STATUS: UNKNOWN

25X1D [REDACTED]

25X1D TOSONG-NI RAILROAD YARDS 25X1A 37-57-00N 126-27-30E  
[REDACTED] [REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

25X1D WONSAN RR STATION YARDS + SHOPS 25X1A 39-09-32N 127-26-27E  
[REDACTED] [REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

Approved

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TOP SECRET RUFF

Handle Via  
Talent KEYHOLE  
Control System Only

Handle Via  
Talent KEYHOLE  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

KOREA, NORTH  
LOGISTICS

YANGDOG-UP PET PRD STORAGE PUG SE

25X1A 39-10-10N 126-40-20E

25X1D



STATUS: OPERATIONAL

25X1D



TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

KOREA, NORTH  
INDUSTRY

SIGNIFICANT RESULTS

25X1D

ORO RI TRANS STN

25X1A

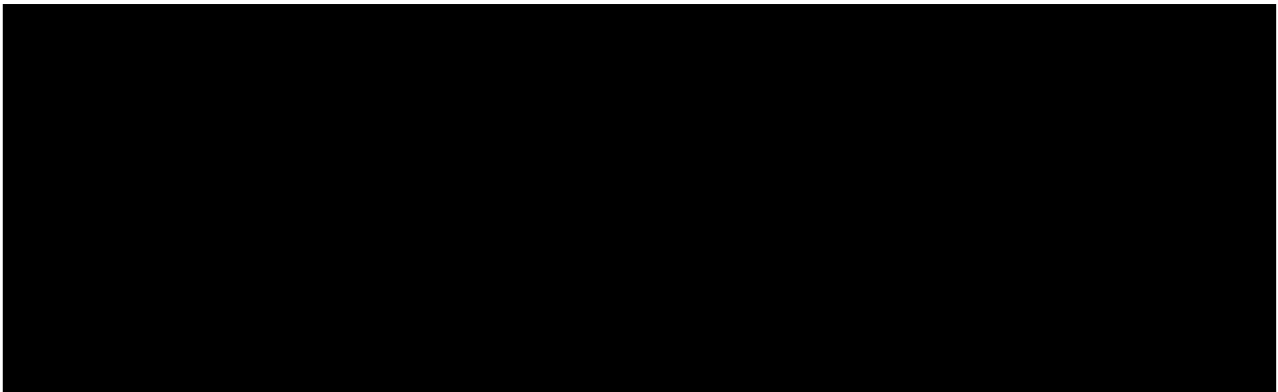
40-03-02N 127-33-31E

25X1A

STATUS: UNKNOWN

REMARKS:  
NO ELECTRICAL TRANSFORMER STATION IS OBSERVED AT THE REFERENCED  
COORDINATES.

25X1D



25X1D

PYONGYANG RR LOCO MFG + RLG STK RPR PL

39-02-45N 125-43-25E

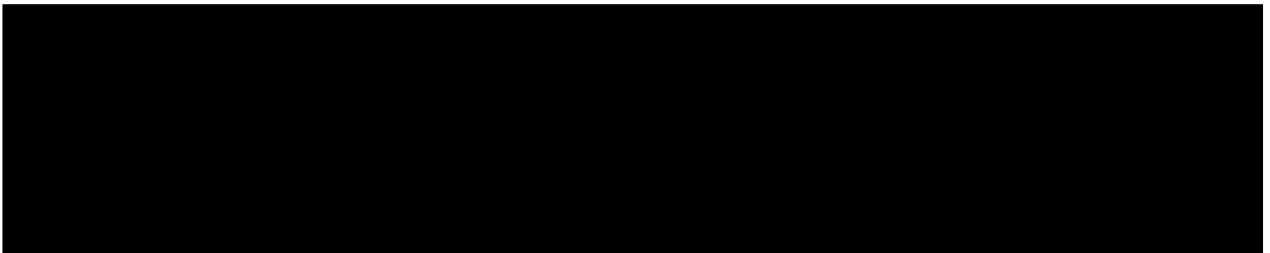
25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:  
ACTIVITY IS LIGHT.

25X1D



TOP SECRET RUFF  
Talent-KEYHOLE  
Control System Only

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KOREA, NORTH  
INDUSTRY

25X1D

SARIWON PET PRD STR

25X1A

38-29-29N 125-48-09E



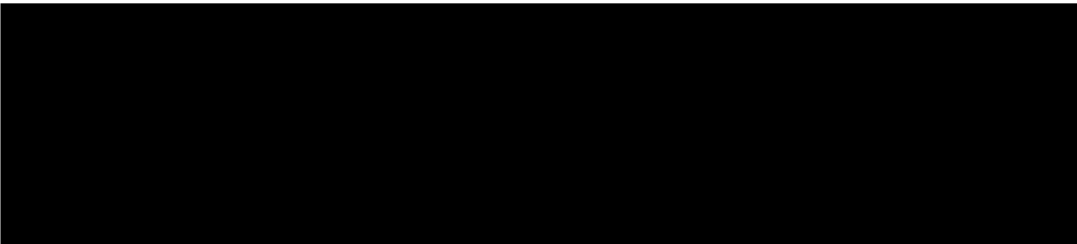
25X1A

STATUS:NEGATED

REMARKS:

NO POL STORAGE IS OBSERVED AT OR NEAR THE REFERENCED  
COORDINATES.

25X1D

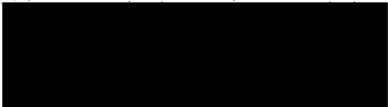


OTHER RESULTS-NO APPARENT CHANGE

25X1D

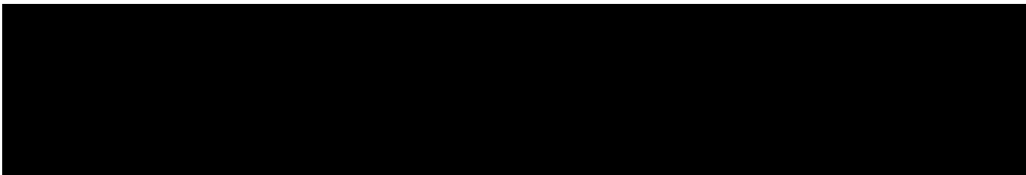
HAGARU-RI HPP CHANGJIN-GANG 2

25X1A 40-10-05N 127-19-28E



STATUS:OPERATIONAL

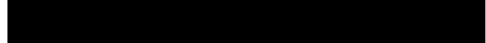
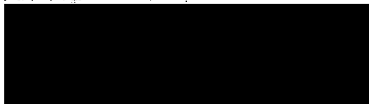
25X1D



25X1D

HAGARU-RI HPP CHANGJIN-GANG 3

25X1A 40-07-48N 127-20-20E



STATUS:OPERATIONAL

25X1D



TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109  
25X1D

KOREA, NORTH  
INDUSTRY

[REDACTED]

HAGARU-RI HPP CHANGJIN-GANG 4

25X1A 40-02-37N 127-24-45E

25X1D

[REDACTED]

[REDACTED]

STATUS: OPERATIONAL

25X1D

[REDACTED]

KUSONG MACHINE TOOL PLANT

25X1A 39-58-21N 125-14-10E

25X1D

[REDACTED]

[REDACTED]

STATUS: OPERATIONAL

25X1D

[REDACTED]

NAMPO CPR + ZINC SMELT + CPR REFIN

25X1A 38-44-00N 125-25-47E

25X1D

[REDACTED]

[REDACTED]

STATUS: OPERATIONAL

25X1D

[REDACTED]

PUKCHANG-NI PET PRD STR SSW

25X1A 39-29-40N 126-17-10E

25X1D

[REDACTED]

[REDACTED]

STATUS: UNKNOWN

25X1D

[REDACTED]



Handle Via  
Talent/RETHOLE  
Control System Only

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KH-4 MISSION 1109

TOP SECRET RUFF

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KOREA, NORTH  
INDUSTRY

25X1D PUKCHUNG-NODANGJAGU HEAVY EQUIP PLANT 25X1A 39-57-15N 124-26-40E  
[REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

25X1D WONSAN RR CAR MFG + RLG STK RPR PLT 25X1A 39-08-10N 127-28-40E  
[REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

Handle Via  
Talent Keyhole  
Control System Only

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TOP SECRET RUFF

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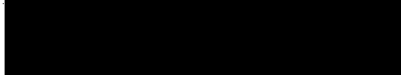
KOREA, NORTH  
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

CHONGJIN COMPLEX

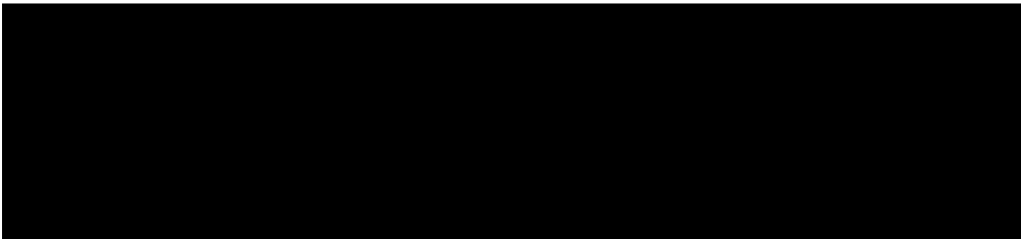
25X1A 41-46-50N 129-46-20E



STATUS: OCCUPIED

REMARKS:

INDUSTRIAL ACTIVITY APPEARS MODERATE.



25X1D

CHONGJU COMPLEX

25X1A

39-41-22N 125-12-43E

25X1D



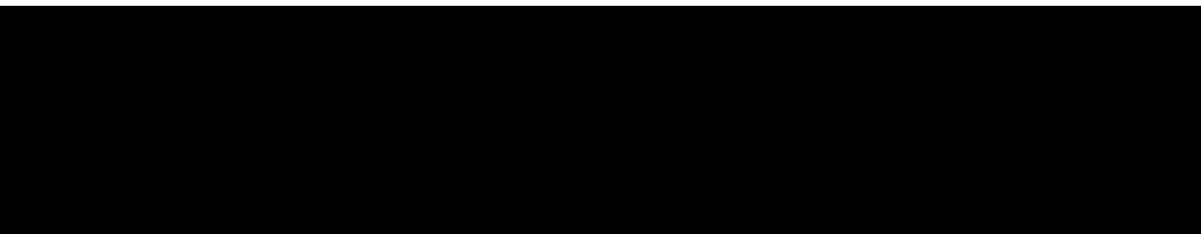
25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

THE SMALL RESIDENTIAL AND LIGHT INDUSTRIAL COMPLEX  
APPROXIMATELY 3 SQ NM IN AREA CONSISTS OF A RAIL CLASSIFICATION  
AND REPAIR YARD, AGRICULTURAL PROCESSING INDUSTRIES, A LIGHT  
FABRICATION INDUSTRY, GOVERNMENTAL BUILDINGS, AND RESIDENTIAL  
HOUSING.  
INDUSTRIAL ACTIVITY IS LIGHT.

25X1D



Handle Via  
Talent/Keyhole  
Control System Only

TOP SECRET RUFF

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KH-4 MISSION 1109

KOREA, NORTH  
MISCELLANEOUS

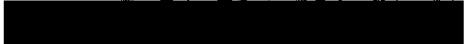
25X1D

NAJIN COMPLEX



25X1A

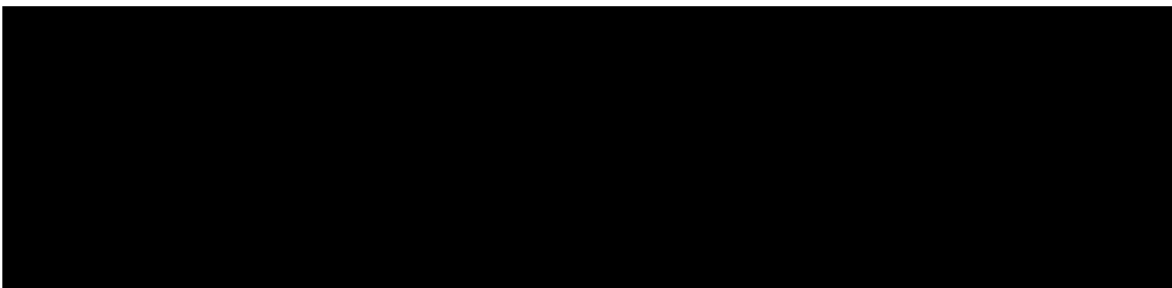
42-14-20N 130-17-38E



STATUS: OCCUPIED

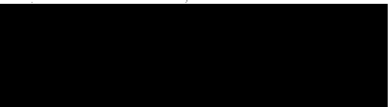
REMARKS:  
ACTIVITY APPEARS LIGHT.

25X1D



25X1D

WONSAN COMPLEX



25X1A

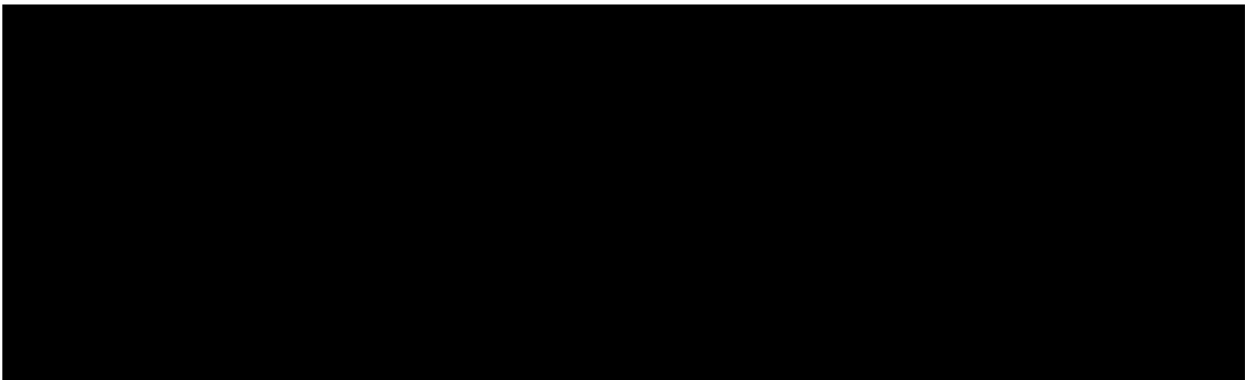
39-08-48N 127-26-48E



STATUS: OPERATIONAL

REMARKS:  
INDUSTRIAL ACTIVITY IS LIGHT.

25X1D



Handle Via  
Talent/REF/PHOLE  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

KOREA, NORTH  
MISCELLANEOUS

25X1D

YONAN COMPLEX

[REDACTED]

25X1A

37-54-18N 126-09-48E

[REDACTED]

STATUS: OPERATIONAL

REMARKS:

INDUSTRIAL ACTIVITY IS LIGHT.

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

SARIWON COMPLEX

[REDACTED]

25X1A

38-30-15N 125-45-18E

[REDACTED]

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

Handle Via  
Talent-KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

MONGOLIA  
AIR BASE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

BAYAN MONHO SUMA AIRFIELD  
[REDACTED]

25X1A 45-17-38N 111-08-58E  
[REDACTED]

STATUS: OPERATIONAL

REMARKS:  
THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

CHOYBALSAN AIRFIELD SOUTH  
[REDACTED]

25X1A

47-32-15N 114-42-10E  
[REDACTED]

STATUS: NOT OPERATIONAL

25X1A

REMARKS:  
THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

SAYN SHANDA ENE AF  
[REDACTED]

25X1A 45-14-07N 110-30-35E  
[REDACTED]

STATUS: OPERATIONAL

REMARKS:  
THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

Handle Via  
Telen. KEYHOLE  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

MONGOLIA  
AIR BASE FACILITIES

25X1D

TAMSAG BULAG AIRFIELD WEST 25X1A  
[REDACTED]

47-12-00N 115-18-50E  
[REDACTED]  
25X1A

STATUS: OPERATIONAL

REMARKS:  
THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

Handle Via  
Talent KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

GLADKAYA ICBM COMPLEX

25X1A

56-15-15N 092-13-25E

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL COMPONENTS OF THE COMPLEX, EXCEPT THE TEN SS-11 LAUNCH SITES IN LAUNCH GROUP G AND LAUNCH SITE 20F, ARE OBSERVED. NO SIGNIFICANT MISSILE ACTIVITY IS NOTED.

25X1D

25X1D

KIVERTSY MRBM COMPLEX  
NAC

25X1A 50-56-10N 025-34-58E

STATUS: UNKNOWN

REMARKS:

ONLY THE FIXED FIELD SITE IS COMPLETELY VISIBLE. SMALL PORTIONS OF LAUNCH SITES 1 AND 2 ARE OBSERVED.

25X1D

Handle Via  
Talent KEYHOLE  
Control System Only

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TOP SECRET RUFF

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SOVIET UNION  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D AYAGUZ SAM SITE A19-2 25X1A 47-47-50N 080-22-00E  
[REDACTED] [REDACTED] [REDACTED]  
STATUS: OCCUPIED 25X1A

REMARKS:  
THE GUIDANCE AREA CONTAINS A PROBABLE STRUCTURE.

25X1D [REDACTED]

25X1D AYAGUZ SAM SITE B01-2 25X1A 48-09-00N 080-26-40E  
[REDACTED] [REDACTED]  
STATUS: OCCUPIED

25X1D [REDACTED]

25X1D AYAGUZ SAM SITE D21-2 25X1A 47-27-40N 080-05-15E  
[REDACTED] [REDACTED]  
STATUS: OCCUPIED

REMARKS:  
THE SITE IS PROBABLY OCCUPIED.

25X1D [REDACTED]

25X1D AYAGUZ SAM SUPPORT FACILITY 1 25X1A 47-57-45N 080-22-30E  
[REDACTED] [REDACTED]  
STATUS: OPERATIONAL

REMARKS:  
SEVERAL VEHICLES AND PIECES OF EQUIPMENT ARE OBSERVED  
THROUGHOUT THE FACILITY.

203-201143

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TOP SECRET RUFF

Handle Via  
Talent KEYHOLE  
Control System Only



Handle Via  
Tape KEYHOLE  
Control System Only

TOP SECRET RUFF  
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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109  
25X1D

SOVIET UNION  
AIR DEFENSE MISSILES



25X1D

BARNAUL SAM SITE B28-2

25X1A 53-21-15N 083-25-24E



STATUS:OCCUPIED

REMARKS:

THREE OF THE LAUNCH POSITIONS ARE PROBABLY OCCUPIED.

25X1D



25X1D

CHEKHOV ABM/SPACE RADAR SITE B

55-12-50N 037-18-10E



25X1A

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

35 NM SSW OF MOSCOW.

THIS TARGET WAS FORMERLY KNOWN AS SOUTH OPERATIONS AREA,  
CHEKHOV PROBABLE ABM/SPACE TRACKING RADAR FACILITY. THE NORTH  
OPERATIONS AREA IS NOW DESIGNATED CHEKHOV ABM/SPACE RADAR SITE  
A.

25X1D  
25X1D

AT RADAR SITE B, THE A-FRAME STRUCTURE FOR THE ANTENNA HAS BEEN  
EXTENDED NEARLY THE LENGTH OF THE ANTENNA FOUNDATION. AT LEAST  
ONE ADDITIONAL STORY HAS BEEN BUILT ON THE CONTROL BUILDING.  
THE BUILDING IS NOW APPROXIMATELY

OVERALL. A CONSTRUCTION CRANE AND  
NUMEROUS CRATES AND MATERIALS ARE ADJACENT TO THE CONTROL  
BUILDING. AN OPEN TRENCH EXTENDS FROM THE VICINITY OF THE  
CONTROL BUILDING WESTWARD THROUGH THE PERIMETER FENCE SCAR,  
WHERE IT SPLITS INTO TWO PARALLEL TRENCHES. THE MATERIEL  
STORAGE AREA IS APPARENTLY DEVOID OF CRATES OR CONSTRUCTION  
MATERIALS. THE TRENCH FROM THE POWER SUBSTATION HAS BEEN  
EXTENDED THROUGH RADAR SITE B, BEYOND THE NORTHERN SECURITY  
FENCE SCAR. TREE CLEARANCE SUGGESTS THAT THIS TRENCH WILL  
EVENTUALLY BE ADJACENT AND PARALLEL TO THE ROAD WHICH CONNECTS  
THE TWO RADAR SITES. SOME OPEN TRENCHING IS VISIBLE ADJACENT  
TO THE EASTERN SIDE OF THE ROAD. PERIMETER SECURITY FENCING IS  
BEING INSTALLED. NO SIGNIFICANT CHANGES ARE OBSERVED IN THE

Handle Via  
Talent KEYHOLE  
Control System Only

TOP SECRET RUFF

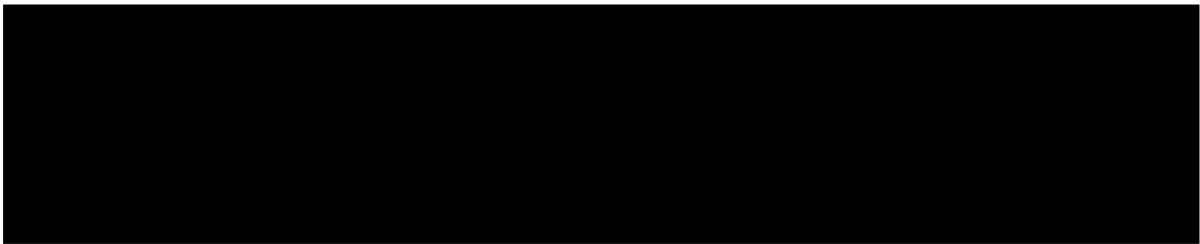
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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

SUPPORT FACILITIES.

25X1D



25X1D

DUSHANBE SAM SITE A27-2

25X1A 38-33-39N 068-38-06E

STATUS: OCCUPIED

REMARKS:  
THE SITE IS PROBABLY OCCUPIED.

25X1D



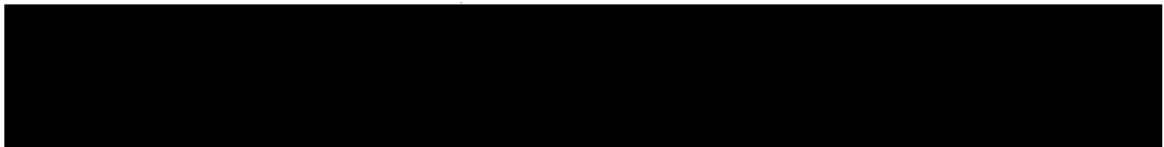
25X1D

DUSHANBE SAM SUPPORT FACILITY

25X1A 38-30-23N 068-43-43E

STATUS: OPERATIONAL

25X1D



25X1D

KOMSOMOLSK SAM COMPLEX B27-5

25X1A

50-33-40N 136-45-00E

25X1A

STATUS: UNDER CONSTRUCTION

REMARKS:  
THE COMPLEX IS IN A MID-TO-LATE STAGE OF CONSTRUCTION. REVETMENTS ARE PROBABLY PRESENT AT ALL LAUNCH POSITIONS. THE LAUNCH SITES ARE PROBABLY UNOCCUPIED. THE MISSILE-HANDLING FACILITY REMAINS UNDER CONSTRUCTION, WITH ONE MISSILE STORAGE BUILDING PRESENT. CONSTRUCTION CONTINUES ON THE SUPPORT FACILITY. THE ASSOCIATED AIR WARNING RADAR FACILITY IS

Handle Via  
Talent KEYHOLE  
Control System Only

TOP SECRET RUFF

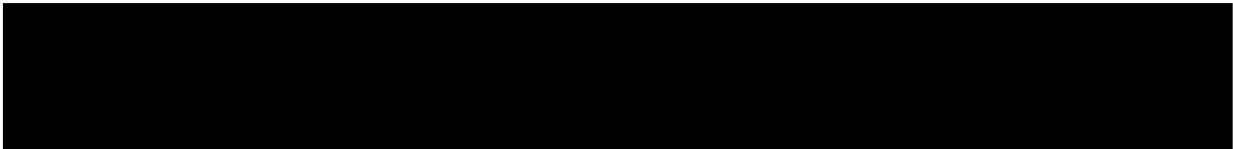
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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

OCCUPIED.

25X1D



25X1D

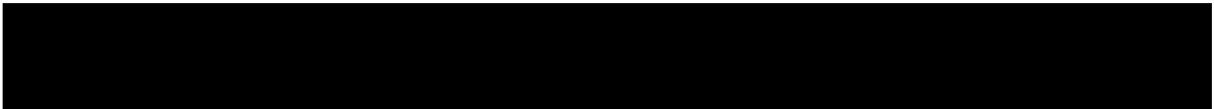
KOMSOMOLSK SAM DEPOT

25X1A 50-36-05N 137-04-00E



STATUS: OPERATIONAL

25X1D



25X1D

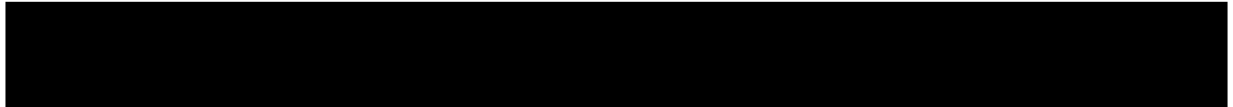
SVERDLOVSK SAM SITE D17-2

25X1A 56-17-48N 060-53-13E



STATUS: OCCUPIED

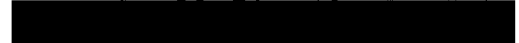
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25X1D

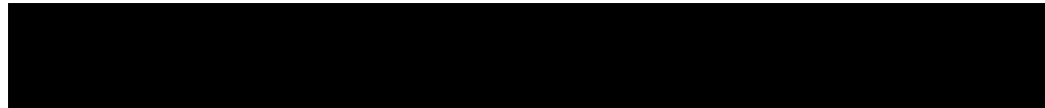
SVERDLOVSK SAM STORAGE SITE 2

25X1A 56-50-17N 059-24-16E



STATUS: OPERATIONAL

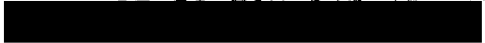
25X1D



25X1D

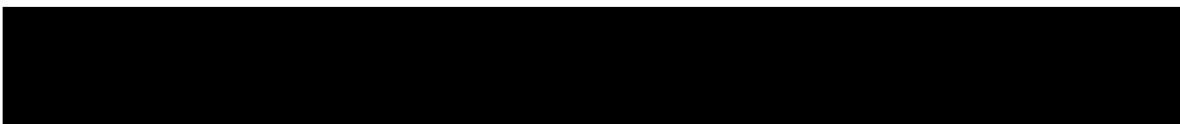
TAMBOV SAM SITE B13-2

25X1A 52-33-20N 041-48-45E



STATUS: OCCUPIED

25X1D



TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

25X1D TAMBOV SAM SITE C17-2 25X1A 52-17-27N 041-38-42E 25X1A

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

25.5 NM SSE OF TAMBOV.

THE DOUBLY SECURED SA-2 SAM SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA CONTAINING A STRUCTURE, THREE REVETTED DRIVE-THROUGH MISSILE-HOLD POSITIONS, A REVETTED PROBABLE ACQUISITION RADAR POSITION, AND ONE OTHER DRIVE-IN REVETMENT. ONE OF THE LAUNCH POSITIONS APPEARS TO HAVE A MISSILE-READY BUILDING SIMILAR TO THE ONE SEEN AT ALMA-ATA. A SEPARATELY SECURED AND REVETTED BUILDING IS OBSERVED IN THE SE CORNER OF THE SITE. THE ON-SITE SUPPORT FACILITY CONSISTS OF ONE LARGE AND AT LEAST FOUR SMALL SUPPORT BUILDINGS.

25X1D

25X1D TAMBOV SAM SITE C21-2 25X1A 52-22-42N 041-12-35E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

22 NM SSW OF TAMBOV.

THE SECURED AND COMPLETED SA-2 SAM SITE IS OF A LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA CONTAINING A PROBABLE STRUCTURE, THREE REVETTED DRIVE-THROUGH MISSILE-HOLD POSITIONS, AND A REVETTED PROBABLE ACQUISITION RADAR POSITION. THE ON-SITE SUPPORT FACILITY CONSISTS OF THREE LARGE AND FOUR SMALL SUPPORT BUILDINGS.

25X1D

TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

25X1D TAMBOV SAM SITE C17-2 25X1A 52-17-27N 041-38-42E  
[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

25.5 NM SSE OF TAMBOV.

THE DOUBLY SECURED SA-2 SAM SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA CONTAINING A STRUCTURE, THREE REVETTED DRIVE-THROUGH MISSILE-HOLD POSITIONS, A REVETTED PROBABLE ACQUISITION RADAR POSITION, AND ONE OTHER DRIVE-IN REVETMENT. ONE OF THE LAUNCH POSITIONS APPEARS TO HAVE A MISSILE-READY BUILDING SIMILAR TO THE ONE SEEN AT ALMA-ATA. A SEPARATELY SECURED AND REVETTED BUILDING IS OBSERVED IN THE SE CORNER OF THE SITE. THE ON-SITE SUPPORT FACILITY CONSISTS OF ONE LARGE AND AT LEAST FOUR SMALL SUPPORT BUILDINGS.

25X1D [REDACTED]

25X1D TAMBOV SAM SITE C21-2 25X1A 52-22-42N 041-12-35E  
[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

22 NM SSW OF TAMBOV.

THE SECURED AND COMPLETED SA-2 SAM SITE IS OF A LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA CONTAINING A PROBABLE STRUCTURE, THREE REVETTED DRIVE-THROUGH MISSILE-HOLD POSITIONS, AND A REVETTED PROBABLE ACQUISITION RADAR POSITION. THE ON-SITE SUPPORT FACILITY CONSISTS OF THREE LARGE AND FOUR SMALL SUPPORT BUILDINGS.

25X1D [REDACTED]

6020000

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

25X1D TAMBOV SAM SUPPORT FACILITY 25X1A 52-26-01N 041-28-14E  
[REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

25X1D UST-KAMENOGORSK SAM SITE C15-2 25X1A 49-36-01N 083-03-34E  
[REDACTED]

STATUS: OCCUPIED

25X1D [REDACTED]

25X1D UST-KAMENOGORSK SAM SUPPORT FACILITY 25X1A 49-40-48N 083-14-16E  
[REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D AYAGUZ SAM SITE B02-2 25X1A 48-10-10N 080-28-40E  
[REDACTED]

Handle Via  
Talon KEYHOLE  
Control System Only

Approved For Release 2000/08/22 : CIA-RDP78T04562A000300090001-3

TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

STATUS:UNOCCUPIED

25X1D

[REDACTED]

KOMSOMOLSK SAM SITE B04-2

25X1A 50-42-39N 137-11-42E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNKNOWN

25X1D

[REDACTED]

KOMSOMOLSK SAM SUPPORT FACILITY

25X1A 50-32-40N 136-53-40E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNKNOWN

25X1D

[REDACTED]

SVERDLOVSK SAM SITE B28-2

25X1A 56-51-40N 060-14-30E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNKNOWN

25X1D

[REDACTED]

SVERDLOVSK SAM SITE D20-2

25X1A 56-14-57N 060-19-40E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNOCCUPIED

25X1D

[REDACTED]

SVERDLOVSK SAM SUPPORT FACILITY 1

25X1A 56-52-30N 060-49-20E

25X1D

[REDACTED]

[REDACTED]

STATUS:UNKNOWN

25X1D

[REDACTED]

Approved For Release 2000/08/22 : CIA-RDP78T04562A000300090001-3

TOP SECRET RUFF

Handle Via  
Talon KEYHOLE  
Control System Only

Handle Via  
Talent KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR DEFENSE MISSILES

25X1D

TAMBOV SAM SITE A25-2

[REDACTED]

25X1A 52-40-07N 041-17-45E

[REDACTED]

STATUS:UNOCCUPIED

25X1D

[REDACTED]



Handle Via  
Tape Role  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
COMM0/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1A

VLADIMIR TALL KING-RADAR TRACKING FAC 56-14-15N 040-14-30E

25X1D

[REDACTED]

STATUS:OCCUPIED

REMARKS:

THE SECURED FACILITY CONSISTS OF TWO TALL KING RADARS, ONE OF WHICH IS A FIELD TRANSPORTABLE TYPE, ONE RADOME, FIVE OCCUPIED RADAR MOUNDS, AND TWO SUPPORT BUILDINGS. RADAR SHELTERS HAVE BEEN CONSTRUCTED AT THE BASE OF TWO OCCUPIED RADAR MOUNDS.

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

MARRESALE TRACKING FACILITY

25X1A 69-44-42N 066-51-14E

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

25X1D

[REDACTED]

25X1D

MOSKVA/CHEREP OVETS TK-AW RADAR FAC

25X1A 59-19-17N 037-58-43E

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

25X1D

[REDACTED]

5620000

5620000-51

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TOP SECRET RUFF

Handle Via  
Tape Role  
Control System Only

Handle Via  
TOP SECRET RUFF  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
COMMO/ELEC/RADAR FACILITIES

25X1D

TYURATAM ESV TRACKING FACILITY

25X1A 45-54-25N 063-20-30E



STATUS: OPERATIONAL

25X1D



25X1D

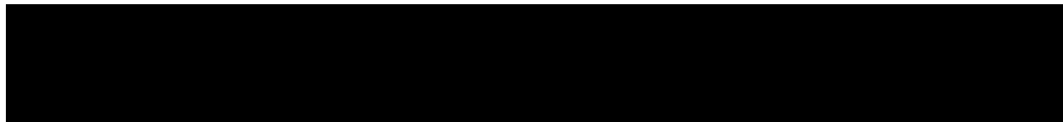
YAROSLAVL TALL KING-AD HQ RADAR FAC

25X1A 57-34-20N 040-14-10E



STATUS: OCCUPIED

25X1D



020004

TOP SECRET RUFF

Handle Via  
Talent KEYHOLE  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

ANDIZHAN AIRFIELD

25X1A

40-43-42N 072-17-28E

STATUS: OPERATIONAL

REMARKS:

25X1D

ALL EIGHT HANGARETTES ARE NOW COMPLETE, AND THE ROADS IN THE  
DISPERSAL AREA ARE STILL BEING RESURFACED. A DECREASE OF 23  
SWEPT/DELTA-WING AIRCRAFT SINCE [REDACTED] IS  
NOTED.

AIR ORDER OF BATTLE:

1 PROB CODLING

1 LIGHT STRAIGHT-WING

15 SMALL SWEPT/DELTA-WING

25X1D

[REDACTED]

25X1D

BADA AIRFIELD NORTH

25X1A

51-24-19N 109-54-24E

STATUS: OPERATIONAL

REMARKS:

THE RUNWAY, TAXIWAYS, AND PARKING AREAS HAVE BEEN CLEARED OF  
SNOW.

AIR ORDER OF BATTLE:

2 BLINDER

17 BEAGLE

3 BADGER

12 SMALL SWEPT-WING

25X1D

[REDACTED]

Handle Via  
Talent-KEYHOLE  
Control System Only

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

TOP SECRET RUFF

Approved For Release 2000/08/22 : CIA-RDP78T04562A000300090001-3

SOVIET UNION  
AIR BASE FACILITIES

25X1A

25X1D

BLAGOVESHCHENSK AIRFIELD NORTHWEST

50-25-26N 127-24-54E

STATUS: OPERATIONAL

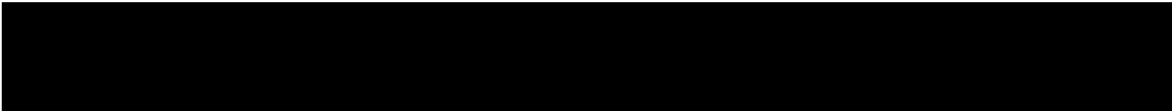
REMARKS:

THE RUNWAY AND TAXIWAY HAVE BEEN CLEARED OF SNOW. A HELICOPTER LANDING AREA CONTAINS TWO PROBABLE GRADED-EARTH LANDING OR PARKING STRIPS EXTENDING NNE/SSW WITH FIVE CROSSOVER LINKS OR PARKING AREAS. ONE OF THESE LINKS APPEARS TO BE UNDER CONSTRUCTION. FACILITIES INCLUDE ONE PROBABLE BARRACKS.

AIR ORDER OF BATTLE:

- 1 PROB COOT
- 2 PROB CRATE
- 1 CAB
- 20 SMALL STRAIGHT-WING
- 3 HEAVY HELICOPTERS
- 1 MEDIUM HELICOPTER

25X1D



25X1D

CHERVONO-GLINSKOYE AIRFIELD

25X1A

45-56-45N 029-22-39E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

- 28 CAT/CUB
- 5 SMALL SWEEP/DELTA-WING (AT LEAST)
- 2 POSS HELICOPTERS

25X1D



25X1D

CHIMKENT AIRFIELD

25X1A

42-21-54N 069-28-22E

STATUS: OPERATIONAL

REMARKS:

A DECREASE OF APPROXIMATELY 32 SWEEP/DELTA-WING AIRCRAFT SINCE [REDACTED] IS NOTED AT THIS AIRFIELD.

25X1D

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TOP SECRET RUFF

Handle Via  
Talent-KEYHOLE  
Control System Only

Handle Via  
Talent-KETHOLE  
Control System Only

TOP SECRET RUFF

Approved For Release 2000/08/22 : CIA-RDP78T04562A000300090001-3

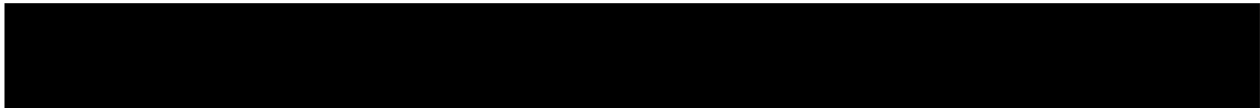
TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

AIR ORDER OF BATTLE:  
24 SMALL SWEEP/DELTA-WING  
(AT LEAST)  
5 LIGHT STRAIGHT-WING

18 SMALL STRAIGHT-WING (AT  
LEAST)

25X1D



25X1D

CHITA/KADALA AIRFIELD

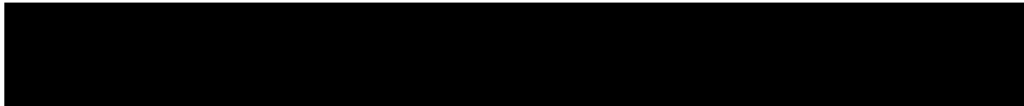
25X1A 52-01-37N 113-18-28E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
4 BADGER/CAMEL  
2 MEDIUM STRAIGHT-WING  
7 LIGHT STRAIGHT-WING

32 SMALL STRAIGHT-WING (AT  
LEAST)

25X1D



25X1D

EMBA AIRFIELD

25X1A 48-43-58N 058-01-43E

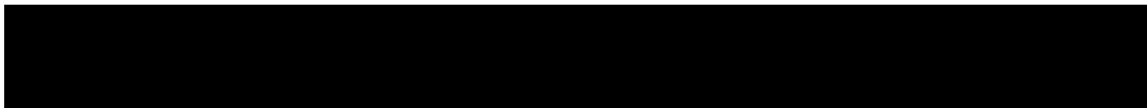
STATUS: OPERATIONAL

REMARKS:  
THE CONCRETE AND SOD RUNWAYS HAVE BOTH BEEN CLEARED OF SNOW.

AIR ORDER OF BATTLE:  
4 POSS MEDIUM SWEEP-WING  
3 LIGHT STRAIGHT-WING  
13 SMALL SWEEP-WING

1 SMALL STRAIGHT-WING  
NUMEROUS POSS DRONE  
SHIPPING CRATES

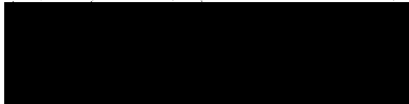
25X1D



25X1D

IVANOVO AIRFIELD NORTH

25X1A 57-03-29N 040-58-52E



120000

Handle Via  
Talent-KEYHOLE  
Control System Only

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

TOP SECRET RUFF  
Approved For Release 2000/08/22 : CIA-RDP78T04562A000300090001-3

SOVIET UNION  
AIR BASE FACILITIES

STATUS: OPERATIONAL

25X1D

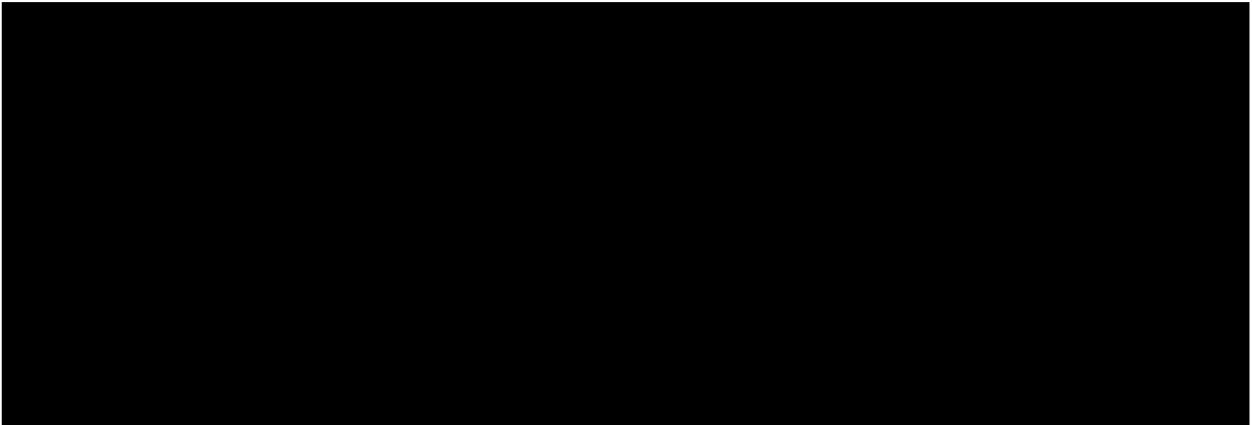
AIR ORDER OF BATTLE:

4 COCK 49 CAB  
44 CAT/CUB/CAMP 33 COLT

25X1D

6 COCK 35 CAB  
21 PROB CAT/CUB/CAMP 30 COLT (AT LEAST)

25X1D



25X1D

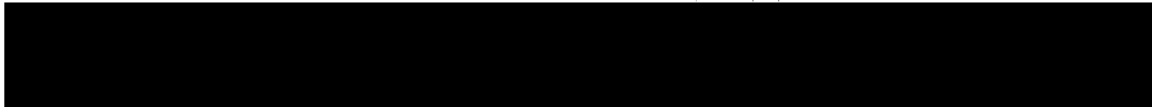
KHADABULAK STATION AIRFIELD NORTH

25X1A 50-45-00N 116-13-30E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
35 SMALL SWEEP-WING (AT  
LEAST)

25X1D



25X1D

KRASNODAR AIRFIELD

25X1A

45-05-03N 038-56-47E

STATUS: OPERATIONAL

REMARKS:  
THE RESURFACING OF THE RUNWAY AND THE CONSTRUCTION OF A HANGAR  
APPEAR TO BE COMPLETE.

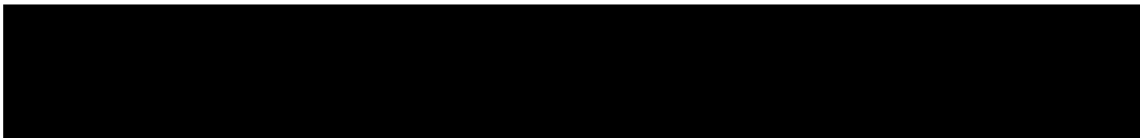
TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

AIR ORDER OF BATTLE:  
18 PROB BEAGLE  
16 SMALL SWEEP-WING  
35 SMALL SWEEP/DELTA-WING  
(AT LEAST)

1 LIGHT STRAIGHT-WING  
2 SMALL STRAIGHT-WING  
3 SMALL PROB AIRCRAFT

25X1D



KUBINKA AIRFIELD

25X1A 55-36-50N 036-38-56E

25X1D

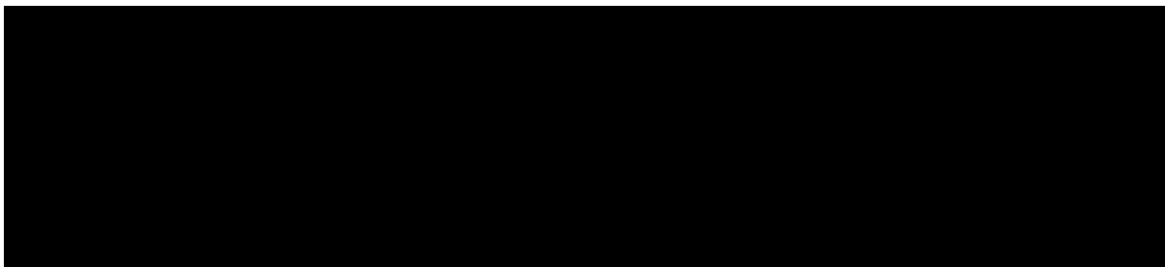


STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
55 SMALL SWEEP/DELTA-WING  
1 LIGHT STRAIGHT-WING

11 POSS AIRCRAFT

25X1D



25X1D

KUPYANSK-UZLOVOY AIRFIELD

25X1A

49-41-12N 037-43-00E

STATUS: OPERATIONAL

25X1D

REMARKS:

25X1D

THE CAPSULE-SHAPED INFLATABLE STRUCTURE PRESENT IN [REDACTED] IS NOT OBSERVED. SIX AIRCRAFT REVETMENTS HAVE BEEN CONSTRUCTED IMMEDIATELY WEST OF THE NORTH END OF THE PARALLEL TAXIWAY.

AIR ORDER OF BATTLE:  
5 PROB BEAGLE  
38 PROB FISHBED  
15 FIREBAR/BREWER

17 SMALL SWEEP/DELTA-WING  
1 SMALL STRAIGHT-WING

218000

Handle Via  
Talent-KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

25X1D



25X1D

KUSHCHEVSKAYA AIRFIELD WEST



25X1A 46-32-27N 039-33-04E



STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
122 SMALL SWEEP-WING (AT  
LEAST)

1 CREEK  
5 SMALL STRAIGHT-WING

25X1D



25X1D

LENSK AIRFIELD NORTHWEST



25X1A 60-43-10N 114-48-40E



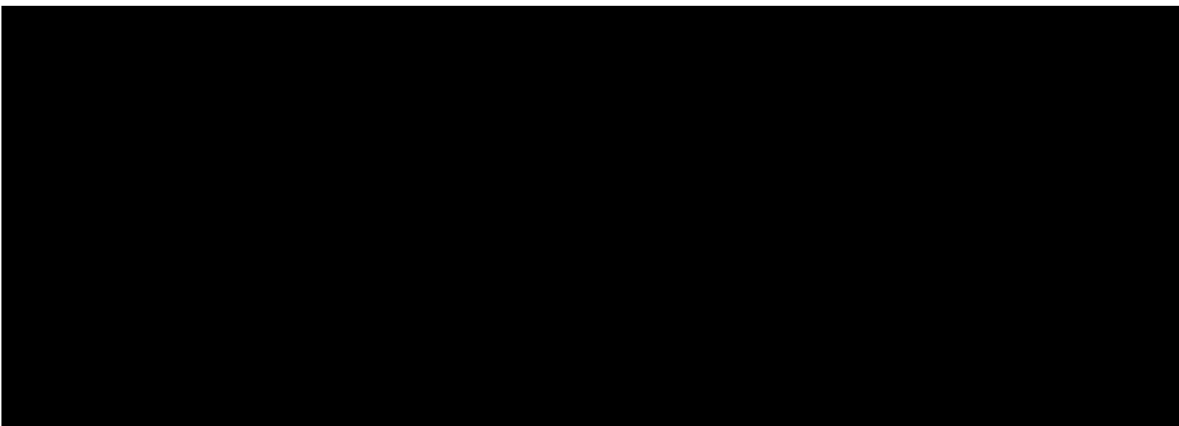
STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 CAT/CUB

1 LIGHT STRAIGHT-WING

25X1D



4430000



Handle Via  
Talent KEYHOLE  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

LIMANSKOYE AIRFIELD

25X1A

46-40-10N 030-00-39E

25X1D

STATUS: OPERATIONAL

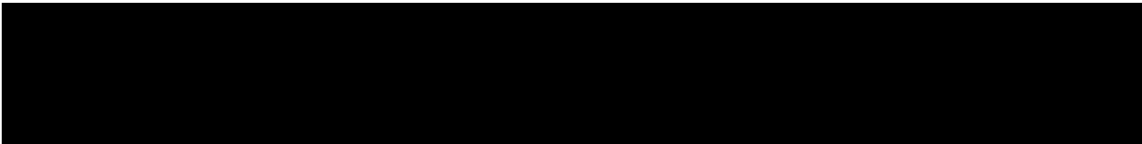
REMARKS:

AT LEAST 60 HANGARETTES ARE COMPLETE OR IN VARIOUS STAGES OF CONSTRUCTION.

AIR ORDER OF BATTLE:

45 SMALL SWEEP/DELTA-WING  
(AT LEAST)

25X1D



25X1D

LUTSK AIRFIELD NORTH

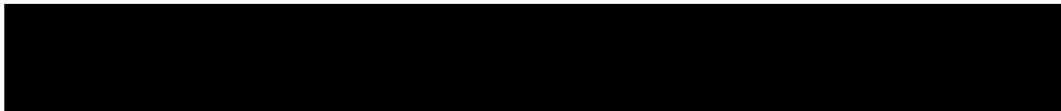
25X1A 50-47-20N 025-20-50E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

2 POSS SMALL  
SWEEP/DELTA-WING (AT LEAST)

25X1D



MOSCOW/SHCHELKOVO AIRFIELD

25X1A 55-52-49N 038-03-44E

25X1D

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

3 CRUSTY

2 CAMEL

4 COOKPOT

5 COOT

18 CAT/CUB/CAMP

12 CRATE

1 CAB

3 MEDIUM HELICOPTERS

1 OTHER AIRCRAFT OR

HELICOPTER

Handle Via  
Talent-KEYHOLE  
Control System Only

TOP SECRET RUFF

Approved For Release 2000/08/22 : CIA-RDP78T04562A000300090001-3

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

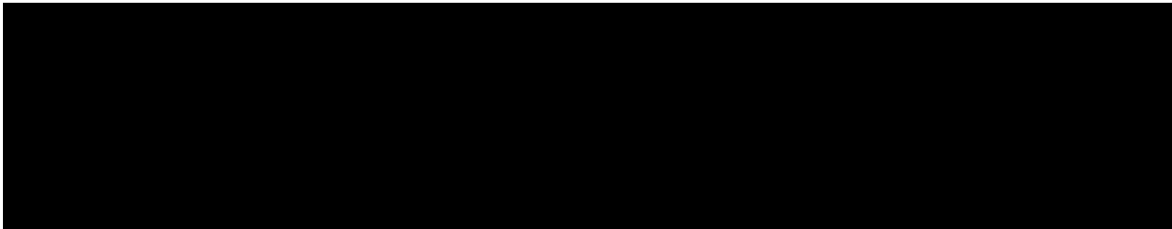
5 COKE

25X1D

1 COCK  
2 CRUSTY  
2 CAMEL  
2 COOKPOT  
8 COOT  
16 CAT/CUB  
4 COKE

11 CRATE  
1 CAB  
1 HOOK  
1 HOUND  
3 HARE  
1 SMALL STRAIGHT-WING

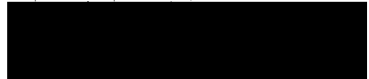
25X1D



NIKOLAYEVSKOYE AIRFIELD

25X1A 52-20-10N 116-50-10E

25X1D



STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

16 MEDIUM STRAIGHT-WING (AT  
LEAST)  
20 LIGHT STRAIGHT-WING (AT  
LEAST)

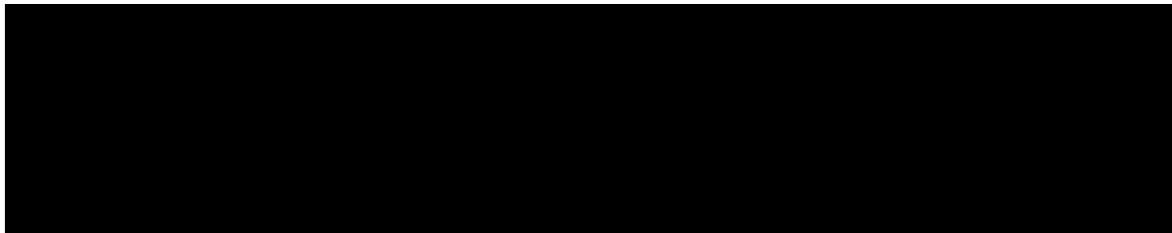
10 SMALL SWEEP-WING (AT  
LEAST)

25X1D

14 MEDIUM STRAIGHT-WING (AT  
LEAST)  
21 LIGHT STRAIGHT-WING (AT  
LEAST)

10 SMALL SWEEP-WING (AT  
LEAST)

25X1D



0100000



Handle Via  
Talent KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

AIR ORDER OF BATTLE:

3 COOKPOT

1 COOT

14 CAT/CUB (1 PARTIALLY  
DISMANTLED)

11 COKE

2 CRATE

10 PROB COLT

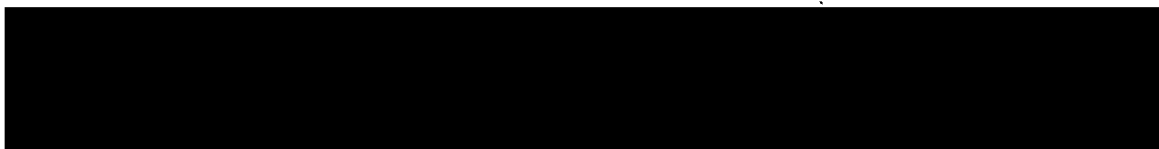
1 DISMANTLED LIGHT

STRAIGHT-WING

21 SMALL STRAIGHT-WING

1 HELICOPTER

25X1D



25X1D

TAGANROG AIRFIELD NORTHWEST

25X1A

47-14-41N 038-50-27E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

7 PROB CAT/CUB

25 SMALL SWEEP-WING (AT  
LEAST)

25X1D



25X1D

TIRASPOL AIRFIELD

25X1A

46-52-09N 029-35-31E

STATUS: OPERATIONAL

REMARKS:

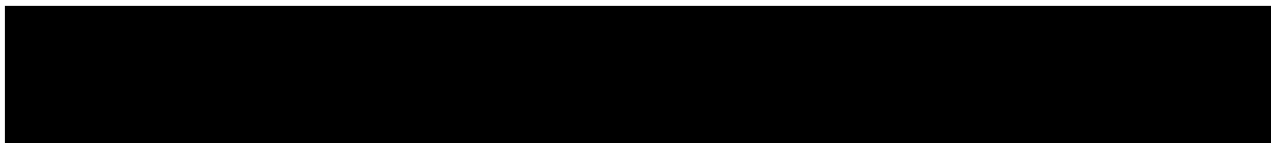
ALL OF THE HANGARETTES ARE NOW EARTH COVERED AND APPEAR TO BE  
EXTERNALLY COMPLETE.

AIR ORDER OF BATTLE:

44 SMALL SWEEP/DELTA-WING  
(AT LEAST)

2 SMALL STRAIGHT-WING

25X1D



820000

Handle Via  
Talent-KEYHOLE  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
AIR BASE FACILITIES

25X1D

UNASHI AIRFIELD  
[REDACTED]

25X1A  
[REDACTED]

42-57-27N 133-07-10E  
[REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:  
THE TEMPORARY AAM FACILITY HAS BEEN RAZED. CONSTRUCTION  
CONTINUES ON THE HANGARETTES.

AIR ORDER OF BATTLE:  
18 SMALL SWEEP/DELTA-WING

25X1D

[REDACTED]

25X1D

VORONEZH AIRFIELD SOUTHWEST  
[REDACTED]

25X1A 51-37-11N 039-08-42E  
[REDACTED]

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:  
[REDACTED]

9 PROB BEAGLE (2 ON STATIC  
DISPLAY)  
14 SMALL SWEEP-WING (AT  
LEAST)  
4 LIGHT STRAIGHT-WING

1 PROB LIGHT STRAIGHT-WING  
6 HEAVY HELICOPTERS  
15 PROB LIGHT/MEDIUM  
HELICOPTERS (AT LEAST)  
4 SMALL POSS AIRCRAFT

25X1D

[REDACTED]

25X1D

ZAVITINSK AIRFIELD NORTHEAST  
[REDACTED]

25X1A 50-11-15N 129-30-15E  
[REDACTED]

STATUS: OPERATIONAL

Handle Via  
Talent-KEYHOLE  
Control System Only

TOP SECRET RUFF

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SOVIET UNION  
AIR BASE FACILITIES

REMARKS:  
THE RUNWAY AND TAXIWAYS ARE SNOW FREE.

25X1D

AIR ORDER OF BATTLE:

[REDACTED]  
29 BADGER  
24 CAT/CUB

6 CAT/CUB/CAMP  
2 LIGHT STRAIGHT-WING

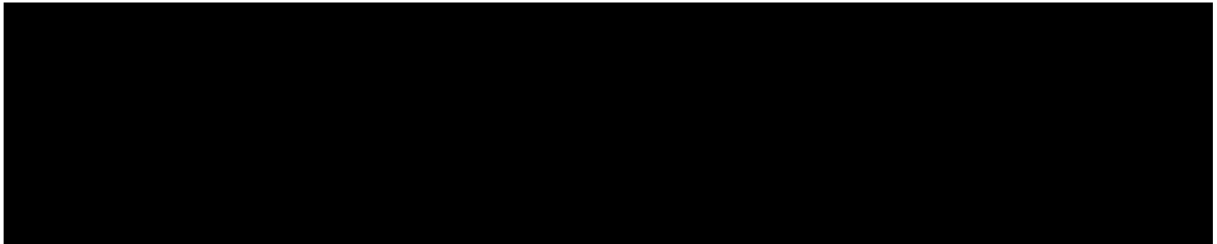
25X1D

[REDACTED]  
29 BADGER/CAMEL  
31 CAT/CUB/CAMP

2 LIGHT STRAIGHT-WING

ASSOCIATED OBJECTS:  
8 PROB KELT CRATES

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

DAURI/KHARANOR AFLD  
[REDACTED]

25X1A 50-01-30N 116-41-40E  
[REDACTED]

STATUS: OPERATIONAL

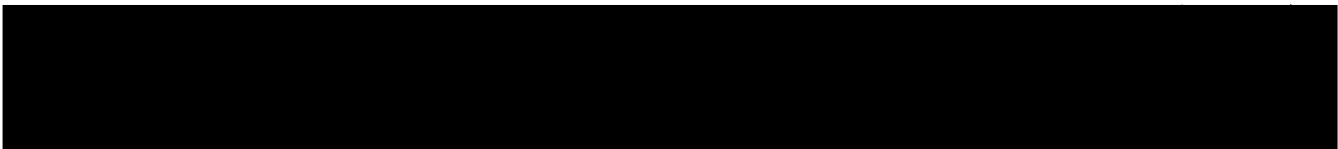
REMARKS:  
THE RUNWAY IS SNOW COVERED.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X2



Handle Via  
Talent-KEYHOLE  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109  
25X2

SOVIET UNION  
AIR BASE FACILITIES



25X1D

LEBEDIN AIRFIELD

25X1A 50-33-12N 034-31-59E



STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X1D

LENINGRAD/GORELOVO AIRFIELD

25X1A 59-45-55N 030-04-43E



STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X1D

MEDYN/ADUYEVO AIRFIELD

25X1A 55-00-40N 036-00-50E



STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X1D

NOVOMINSKAYA AIRFIELD

25X1A 46-20-34N 038-56-16E



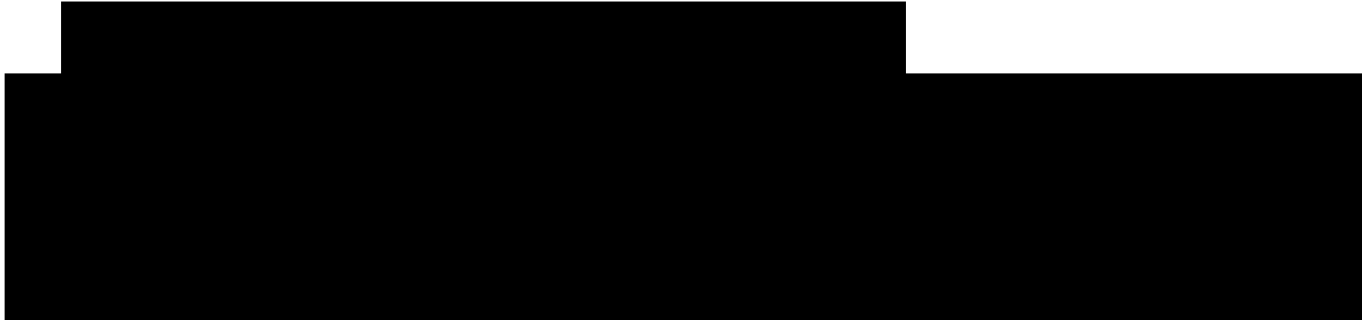
STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

1080000

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109  
25X1D

SOVIET UNION  
AIR BASE FACILITIES



25X2

25X1D OLSUFYEVO AIRFIELD

25X1A 53-36-22N 033-43-09E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D PALMIRA AIRFIELD

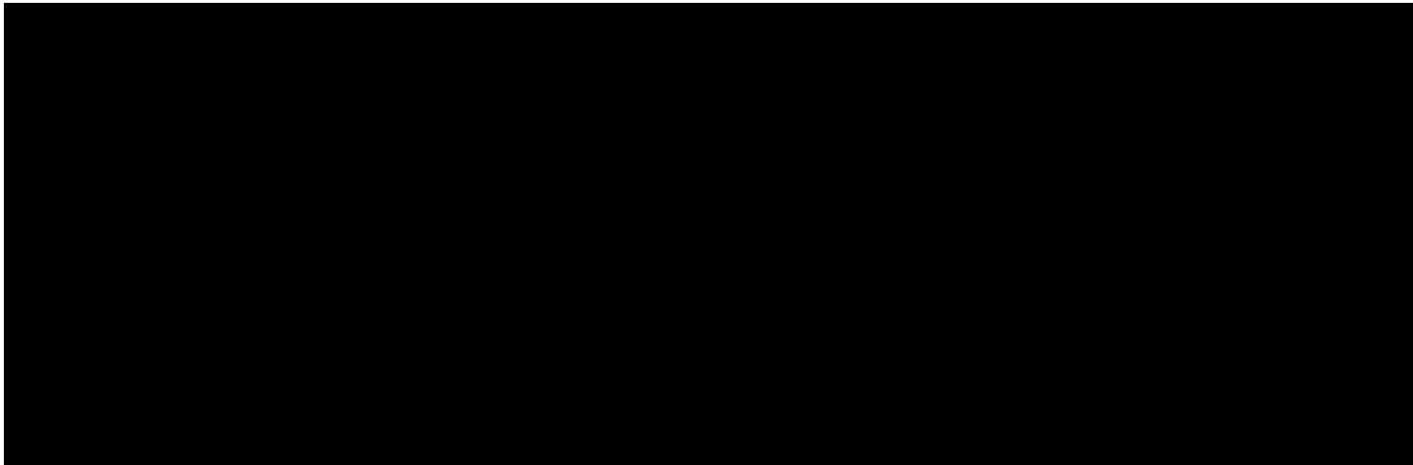
25X1A 49-46-00N 032-07-08E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X2





**25X2**

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Handle Via  
Talent-KEYHOLE  
Control System Only

TOP SECRET RUFF

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KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

ALMA-ATA ARMY BARRACKS NORTH AL 7

25X1A 43-23-00N 076-59-30E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
200 VEHICLES AND PIECES OF  
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

ALMA-ATA ARMY BARRACKS SOUTH AL 1

43-13-57N 076-57-13E

25X1D

[REDACTED]

25X1A

25X1A

STATUS: OCCUPIED  
NAC

GROUND FORCE ORDER OF BATTLE:  
20 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

25X1D

ALMA-ATA BG BARRACKS GORNY GIGANT

25X1A 43-12-54N 076-57-34E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
5 VEHICLES (AT LEAST)

25X1D

[REDACTED]

Handle Via  
Talent-KEYHOLE  
Control System Only

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TOP SECRET RUFF

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SOVIET UNION  
GROUND FORCE FACILITIES

25X1D

BELOGORSK ARMY DEPOT SOUTHWEST DX 1

25X1A  
50-54-26N 128-27-32E

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

REMARKS:  
NUMEROUS STACKS OF MATERIAL ARE OBSERVED IN OPEN STORAGE.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

CHERNIGOVKA AMMO DPO KHALKIDON E DA 1

44-15-35N 132-28-20E

[REDACTED]

[REDACTED]

[REDACTED]

25X1A

STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:  
THIS DOUBLE-SECURED INSTALLATION CONTAINS 32 STORAGE BUILDINGS,  
50 STORAGE SHEDS, AND ONE SUPPORT BUILDING WITH TWO CORRIDOR  
EXTENSIONS.

25X1D

[REDACTED]

25X1D

CHERNIGOVKA ARMY BARRACKS CENTRAL AL 2

44-19-50N 132-32-24E

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
25 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

Handle Via  
Talent KEYHOLE  
Control System Only

TOP SECRET RUFF

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25X1D

SOVIET UNION  
GROUND FORCE FACILITIES

[REDACTED]

25X1D

CHUGUYEV ARMY BARRACKS SOUTHWEST AL 3

25X1A  
49-49-49N 036-40-58E

[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
10 PROB VEHICLES OR PIECES  
OF EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

25X1D

CHUGUYEV ARMY BKS SE AL 1+TNG AREA SE

25X1A  
49-49-//N 036-45-//E

[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
50 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

25X1D

KALUGA ARMY BARRACKS NORTH AL 2

25X1A  
54-33-22N 036-15-06E

[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
20 PROB VEHICLES (AT LEAST)

25X1D

[REDACTED]

0200

Handle Via  
Temp Release  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
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SOVIET UNION  
GROUND FORCE FACILITIES

25X1D [REDACTED]

25X1D KEGICHEVKA MILITARY DEPOT DO 1 25X1A 49-16-20N 035-44-52E  
[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
2,000 VEHICLES OR PIECES OF  
EQUIPMENT (APPROXIMATELY)

25X1D [REDACTED]

25X1D KHARANOR ARMY BKS SW AL-1 25X1A 50-06-30N 116-40-18E  
[REDACTED]

STATUS: OCCUPIED

25X1D REMARKS: 25X1D  
ONE VEHICLE SHED HAS BEEN CONSTRUCTED SINCE [REDACTED]

GROUND FORCE ORDER OF BATTLE:  
185 VEHICLES AND PIECES OF  
EQUIPMENT (AT LEAST)

25X1D [REDACTED]

25X1D KHARKOV MILITARY DEPOT SOUTH DX 2 25X1A 49-53-30N 036-14-30E  
[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
40 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D [REDACTED]

720

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TOP SECRET RUFF

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SOVIET UNION  
GROUND FORCE FACILITIES

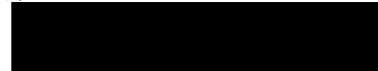
25X1D



KINESHMA ARMY BKS AL 1

25X1A 57-25-30N 042-10-20E

25X1D



STATUS: OCCUPIED

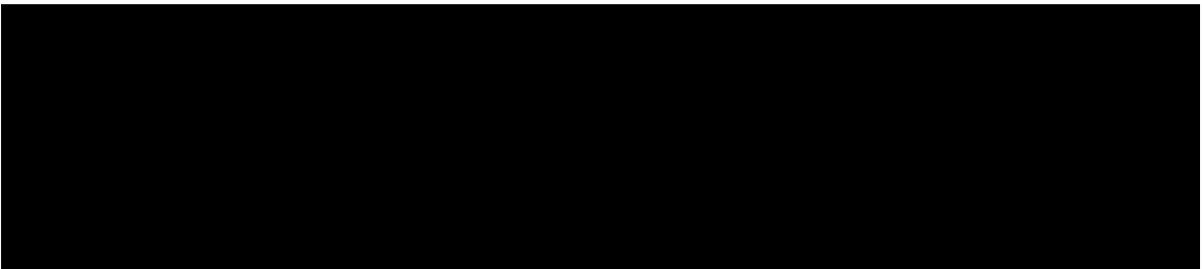
25X1D

GROUND FORCE ORDER OF BATTLE:



300 VEHICLES OR PIECES OF  
EQUIPMENT (APPROXIMATELY)

25X1D



KOSTROMA ARMY BARRACKS EAST AL 2

25X1A 57-46-05N 040-58-29E

25X1D

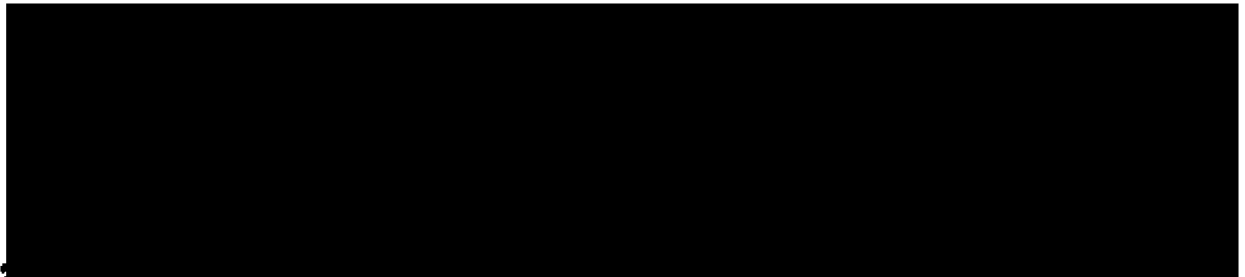


STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

30 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D



R22

Handle Via  
Talent KEYHOLE  
Control System Only

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109  
25X1D

TOP SECRET RUFF

SOVIET UNION  
GROUND FORCE FACILITIES



25X1D KOVOROV ARMY BKS W AL 1

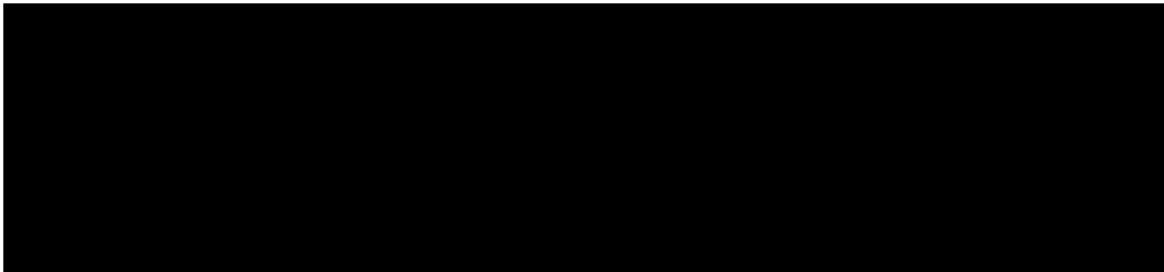
25X1A 56-21-45N 041-14-12E



STATUS: OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

6 PROB ARMORED VEHICLES ON  
THE TANK FIRING RANGE



25X1D KOVROV ARMY BARRACKS NORTHEAST AL 2

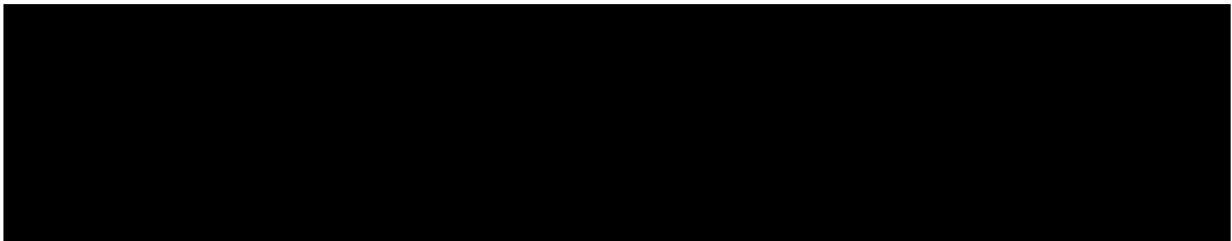
25X1A 56-23-01N 041-19-50E



STATUS: OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

60 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)



020000





TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

25X1D



25X1D

MOSKVA ARMY BKS AKSININO AL 42



25X1A

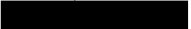
55-52-20N 037-28-40E



STATUS: OCCUPIED

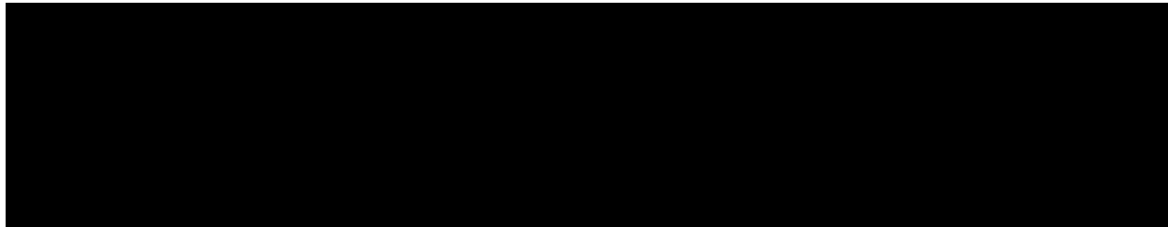
25X1D

GROUND FORCE ORDER OF BATTLE:



20 VEHICLES AND PIECES OF  
EQUIPMENT (AT LEAST)

25X1D



25X1D

NAKHABINO ENGR BKS AL 1



25X1A

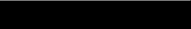
55-50-30N 037-10-00E



STATUS: OCCUPIED

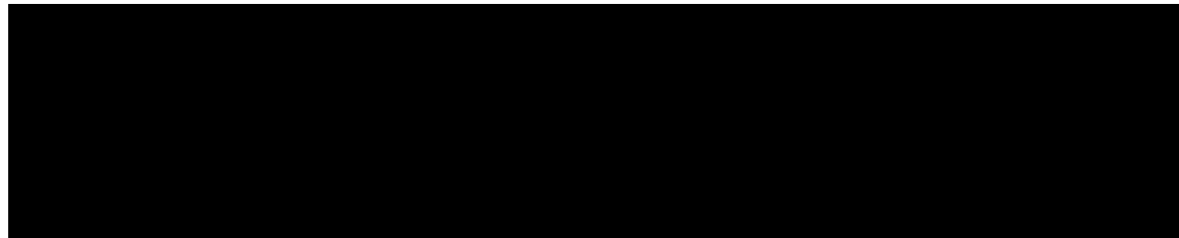
25X1D

GROUND FORCE ORDER OF BATTLE:



90 VEHICLES AND PIECES OF  
EQUIPMENT (AT LEAST)

25X1D



102000

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TOP SECRET RUFF

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SOVIET UNION  
GROUND FORCE FACILITIES

25X1D SEBUCHAR ARMY BARRACKS AL 1 25X1A 45-48-15N 133-39-40E  
[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
50 PROB TANKS OR ASSAULT GUNS (APPROXIMATELY) 200 VEHICLES OR PIECES OF EQUIPMENT (AT LEAST)  
11 PROB AA GUNS

25X1D [REDACTED]

25X1D SHIRLOVAYA GORA ARMY BARRACKS AL 1 50-31-03N 116-23-46E  
[REDACTED]

STATUS: OCCUPIED

25X1A

25X1D

25X1D REMARKS:  
SEVEN WAREHOUSE-TYPE BUILDINGS HAVE BEEN CONSTRUCTED SINCE [REDACTED]  
[REDACTED] TWO OF THE TANK OR ASSAULT GUN FIRING RANGES ARE ACTIVE.

GROUND FORCE ORDER OF BATTLE:  
120 VEHICLES AND PIECES OF EQUIPMENT (APPROXIMATELY)

25X1D [REDACTED]

25X1D SHUYA ARMY BARRACKS EAST AL 1 25X1A 56-50-31N 041-23-01E  
[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
30 VEHICLES OR PIECES OF EQUIPMENT (APPROXIMATELY)

25X1D [REDACTED]

200004

76

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TOP SECRET RUFF

Handle Via  
Talent-KEYHOLE  
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Handle Via  
Talent KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

25X1D

SREDNE-BELAYA ARMY BARRACKS AL 1  
[REDACTED]

25X1A

50-41-04N 128-02-28E  
[REDACTED]

STATUS:OCCUPIED

REMARKS:

THE RUNWAYS AND PARKING APRONS AT THE HELIPORT HAVE BEEN  
CLEARED OF SNOW.

GROUND FORCE ORDER OF BATTLE:  
150 VEHICLES OR PIECES OF  
EQUIPMENT

ASSOCIATED OBJECTS:

15 HEAVY HELICOPTERS

15 MEDIUM HELICOPTERS

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

ALMA-ATA ARMY BARRACKS EAST AL 4  
[REDACTED]

25X1A

43-16-20N 076-57-40E  
[REDACTED]

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

ALMA-ATA ARMY SUPPLY DEPOT PERVAYA PUG  
[REDACTED]

43-21-06N 076-58-25E  
[REDACTED]

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

800000

2000-77-200

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TOP SECRET RUFF

Handle Via  
Talent KEYHOLE  
Control System Only

Handle Via  
Talent-REYNOL  
Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

- 25X1D ARSENYEV MILITARY DEPOT SYSOYEVKA DG 1 44-09-37N 133-21-57E  
[REDACTED]  
STATUS: OCCUPIED 25X1A  
GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE
  
- 25X1D [REDACTED]
  
- 25X1D DNEPROPETROVSK AMMUNITION DEPOT S DA 1 25X1A 48-24-34N 035-02-42E  
[REDACTED]  
STATUS: OCCUPIED  
GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE
  
- 25X1D [REDACTED]
  
- 25X1D DNEPROPETROVSK ARMY BKS CENTRAL AL 1 25X1A 48-27-29N 035-00-28E  
[REDACTED]  
STATUS: OCCUPIED  
GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE
  
- 25X1D [REDACTED]
  
- 25X1D DOROGOBUZH ARMY BKS AL 1 25X1A 54-55-03N 033-21-10E  
[REDACTED]  
STATUS: OCCUPIED  
GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE
  
- 25X1D [REDACTED]

820000

78

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TOP SECRET RUFF

Handle Via  
Talent-REYNOL  
Control System Only

Handle Via  
Talent-KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

25X1D FEODOSIYA TNG AREA 2 STARYY KRYM

25X1A 45-04-//N 035-03-//E

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D FEODOSIYA/GONCHAROVA ARMY BKS AL 1

25X1A 45-04-04N 035-11-00E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D GOSHCHA ARMY BARRACKS AL 1

25X1A 50-36-15N 026-40-30E

STATUS: UNKNOWN

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D KAMYSHLOV ARMY BKS W AL 1

25X1A 56-50-00N 062-30-20E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

000000

79

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TOP SECRET RUFF

Handle Via  
Talent-KEYHOLE  
Control System Only

Handle Via  
Talent REFROLE  
Control System Only

TOP SECRET RUFF

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KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

25X1D KREMENCHUG AMMUNITION DEPOT NW DA 1 25X1A 49-04-59N 033-24-04E  
[REDACTED]

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D KRIVROY ROG AMMO DPO N DA 1 25X1A 47-59-05N 033-21-00E  
[REDACTED]

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D KRIVROY ROG TRAINING AREA I SW 25X1A 47-51-//N 033-14-//E  
[REDACTED]

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D LUBNY AMMUNITION DEPOT NE DA 1 25X1A 50-03-10N 033-02-45E  
[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

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Handle Via  
Talent-KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
GROUND FORCE FACILITIES

25X1D NOVOBOGDANOVKA EXPLOSIVES STORAGE

25X1A 47-02-20N 035-19-52E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D OSTROG ARMY BKS NW AL 1

25X1A 50-20-06N 026-30-05E

STATUS: UNKNOWN

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D ROVNO AMMUNITION DEPOT NNW DA 1

25X1A 50-40-52N 026-13-08E

STATUS: UNKNOWN

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D





Handle Via  
Tape  
Control System Only

TOP SECRET RUFF

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SOVIET UNION  
GROUND FORCE FACILITIES

25X1D SOLNECHNOGORSK TRAINING AREA EAST 25X1A 56-11-//N 037-03-//E  
[REDACTED]

STATUS: OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:  
[REDACTED]  
125 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D [REDACTED]

25X1D ULAN-UDE ARMY SUPPLY DPO UDA R SOUTH 25X1A 51-49-15N 107-41-20E  
[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D URYUPINSK ARMY BARRACKS AL 1 25X1A 50-47-40N 041-59-55E  
[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D URYUPINSK ARMY BARRACKS AL2 25X1A 50-47-20N 041-59-55E  
[REDACTED]

STATUS: OCCUPIED

Handle Via  
Talent KEYHOLE  
Control System Only

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TOP SECRET RUFF

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SOVIET UNION  
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

VORONEZH ARMY BKS A TNG CENTER S

25X1A 51-38-10N 039-10-43E

25X1D

[REDACTED]

[REDACTED]

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

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Handle Via  
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Control System Only

TOP SECRET RUFF

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TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
LOGISTICS

SIGNIFICANT RESULTS

25X1D VARFOLOMEYEVKA POL STORAGE UG 25X1A 44-16-45N 133-29-15E  
[REDACTED]

STATUS: OCCUPIED

REMARKS:  
EARTH-MOVING ACTIVITY IS DISCERNIBLE AT TWO POINTS ALONG THE SW  
BORDER OF THE INSTALLATION.

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D VASSIANOVKA PETROLEUM PRODUCTS STG U/G 25X1A 44-08-57N 132-38-01E  
[REDACTED]

STATUS: OCCUPIED

25X1D

[REDACTED]

150000

TOP SECRET RUFF

**25X2**

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Handle Via  
Talent-KEYHOLE  
Control System Only

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TOP SECRET RUFF

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

SOVIET UNION  
CBR FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

SVOBODNY MIL ARTY DPO DA-1  
[REDACTED]

51-14-54N 128-14-00E  
[REDACTED]

25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

[REDACTED]

Handle Via  
Talent-KEYHOLE  
Control System Only

TCS-20115/70 - IPIR 13  
KH-4 MISSION 1109

TOP SECRET RUFF

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SOVIET UNION  
INDUSTRY

SIGNIFICANT RESULTS

25X1D ANDREYEVKA SUSPECT HELIUM PLANT 25X1A 49-33-00N 036-37-00E  
[REDACTED]

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

ON THE NORTHERN EDGE OF ANDREYEVKA PERVAYA. THIS RAIL-SERVED FACILITY CONSISTS OF A POSSIBLE COMPRESSOR BUILDING, A POSSIBLE COLD BOX, TWO LARGE STACKS, AND AT LEAST TEN ADDITIONAL BUILDINGS. A TANK FARM CONTAINING FOUR LARGE AND 14 MEDIUM VERTICAL STORAGE TANKS, TWO POSSIBLE BURIED TANKS, AND POSSIBLE HORIZONTAL TANKS IS NW OF THE PROCESSING AREA. A FLARE TOWER IS SOUTH OF THE TANK FARM AND WEST OF THE PROCESSING AREA. A PROBABLE WASTE DISPOSAL POND IS NW OF THE FLARE TOWER.

25X1D [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D KREMENCHUG PETROLEUM REFINERY 25X1A 49-10-16N 033-27-07E  
[REDACTED]

STATUS: OPERATIONAL

25X1D [REDACTED]

25X1D PODOLSK PROB SMALL ARMS TEST RANGE 25X1A 55-18-30N 037-29-00E  
[REDACTED]

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D [REDACTED]

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