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April 1962

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PHOTOGRAPHIC INTERPRETATION REPORT

(OAK FILE)

OAK - PART II MISSION 9032 18 - 20 APRIL 1962



ARMY



NAVY



AIR FORCE



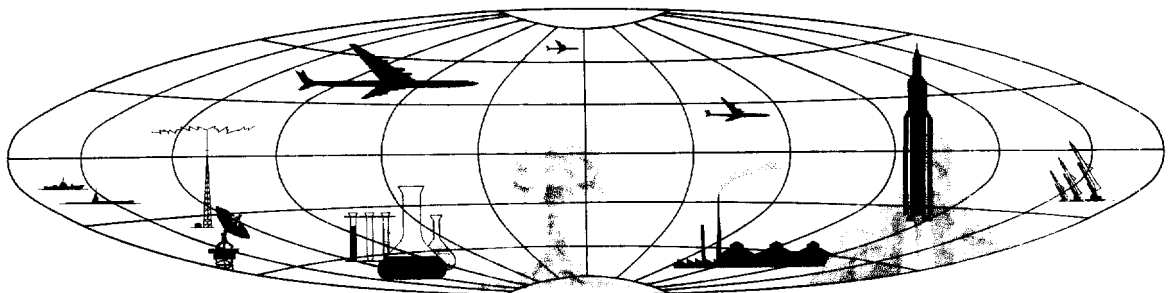
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



TOP SECRET

OAK - PART II MISSION 9032

PREFACE

THIS IS THE SECOND OF AN ESTIMATED 3 DAILY OAK REPORTS BASED ON MISSION 9032 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK-REPORTING PERIOD FROM 1430 HOURS, 26 APRIL 1962, TO 1430 HOURS, 27 APRIL 1962, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. LISTS OF COMOR TARGETS NOT OBSERVED OR NOT COVERED BY THE PHOTOGRAPHY WILL BE INCLUDED IN THE FINAL OAK REPORT ON MISSION 9032.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK-REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT FOLLOWING THE LISTING OF COMOR TARGETS.

THE NAMES WHICH APPEAR IN THE HEADERS FOR MRBM SITES ARE THE NAMES WHICH CONFORM WITH TDI CRITERIA (REFERENCE -- NAMING OF SURFACE-TO-SURFACE INSTALLATIONS, J2DM-35-62, 14 FEB 62).

PHOTOGRAPHIC REFERENCES ARE GIVEN FOR EACH TARGET OBSERVED AND REPORTED FOLLOWING THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE PREFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE (X-Y) GRID COORDINATES ARE GIVEN FOR THE BEST FRAME.

ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

NOTE -- OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY FROM MISSION 9032 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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SUMMARY

STATUS OF COMOR TARGET READOUT

A TOTAL OF 53 COMOR TARGETS WERE OBSERVED DURING THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

SUMMARY OF MISSILE ACTIVITY

THE FOLLOWING IS A COMPILATION OF MISSILE LAUNCH FACILITIES (INCLUDING POSSIBLES AND PROBABLES) OBSERVED TO DATE ON MISSION 9032. THIS COMPILATION INCLUDES ONLY THOSE FACILITIES WHICH HAVE BEEN IDENTIFIED FOR THE FIRST TIME FROM PHOTOGRAPHY.

TYPE	PART 1	PART 2	TOTAL
ICBM LAUNCH AREAS	4	1	5
MRBM LAUNCH SITES	6	8	14

HIGHLIGHTS

- 25X1A A THIRD LAUNCH AREA AT YOSHKAR-OLA ICBM LAUNCH COMPLEX HAS BEEN IDENTIFIED (COMOR [REDACTED])
- 25X1A TWO NEW MRBM LAUNCH SITES HAVE BEEN IDENTIFIED NEAR OSTROG (COMOR [REDACTED])
- 25X1A A NEW MRBM LAUNCH SITE HAS BEEN IDENTIFIED NEAR ZHITOMIR (COMOR [REDACTED])
- 25X1A TWO MRBM LAUNCH SITES HAVE BEEN IDENTIFIED NEAR ZHIMERINKA (MISSILE BONUS 4 & 5).
- 25X1A A SECOND MRBM LAUNCH SITE HAS BEEN IDENTIFIED NEAR KOROSTEN (COMOR [REDACTED])
- 25X1A TWO MRBM LAUNCH SITES HAVE BEEN IDENTIFIED NEAR DERAZHNYA (MISSILE BONUS 2 & 3).
- 25X1A THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER IS COVERED BY EXCELLENT QUALITY PHOTOGRAPHY. ALL LAUNCH AREAS ARE VISIBLE. (COMOR [REDACTED])
- 25X1A A SAM TRAINING CENTER HAS BEEN IDENTIFIED NEAR KORDON, 100 NM SOUTH OF KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER. IT CONSISTS OF A ROW OF NINE SA-2 SITES (47-24N 048-08E) (MISSILE BONUS 1).

MISSILES

25X1A [REDACTED] 6703N 06524E POLYARNYY URAL SUSPECT ICBM AREA
 25X1D AREA IS APPROXIMATELY 70 PERCENT CLOUD COVERED. HAZE AND HEAVY SNOW
 25X1D COVER PRECLUDE CONFIRMATION OR DENIAL OF MISSILE ACTIVITY.
 25X1D [REDACTED]

25X1A [REDACTED] 5914N 04929E YURYA ICBM LAUNCH COMPLEX
 25X1D LAUNCH AREAS A, B, AND D ARE VISIBLE WITH NO APPARENT CHANGES
 25X1D EVIDENT. LAUNCH AREA C IS COVERED BY HAZE AND CLOUDS. THE COMPLEX
 25X1D SUPPORT FACILITY CAN BE IDENTIFIED ONLY. THE AREA WEST OF THE
 25X1D COMPLEX SUPPORT FACILITY IS VISIBLE WITH NO CHANGE APPARENT SINCE
 25X1D [REDACTED] THE MAIN ROAD SERVING LAUNCH AREAS C AND
 25X1D D IS VISIBLE BEYOND LAUNCH AREA D, BUT NO ACTIVITY IS IDENTIFIABLE
 25X1D BEYOND THIS POINT.

25X1D THE MAIN ROAD SERVING LAUNCH AREAS A AND B HAS BEEN EXTENDED
 25X1D EASTWARD BEYOND LAUNCH AREA B TO SEVERAL AREAS OF UNIDENTIFIED
 25X1D ACTIVITY. NO LAUNCH AREA PATTERN CAN BE DISCERNED AT THIS TIME.
 25X1D NO MAJOR CHANGES ARE APPARENT IN THE OVERALL COMPLEX SINCE [REDACTED]
 25X1D [REDACTED] HAZE AND SMALL SCALE PRECLUDE FURTHER
 25X1D INTERPRETATION.

25X1D GEOGRAPHIC COORDINATES AND X-Y PHOTO COORDINATES [REDACTED] FOR
 25X1D SIGNIFICANT ITEMS ARE AS FOLLOWS --

- COMPLEX SUPPORT FACILITY X30.5-Y4.8 59-10N 049-29E
- LAUNCH AREA A X29.9-Y4.5 59-09N 049-33E
- LAUNCH AREA B X28.8-Y3.9 59-08N 049-41E
- LAUNCH AREA C HAZE 59-12N 049-28E
- LAUNCH AREA D X32.2-Y4.1 59-15N 049-24E

25X1D [REDACTED]

25X1A [REDACTED] 6432N 04032E ARKHANGELSK SUSPECT ICBM AREA
 25X1D NO SSM ACTIVITY IDENTIFIED WITHIN A 25 NM RADIUS OF ARKHANGELSK.
 25X1D [REDACTED]

25X1A [REDACTED] 5802N 06033E VERKHNYAYA SALDA ICBM LAUNCH COMPLEX
 25X1D THE COMPLEX CONSISTS OF 5 ROAD-SERVED LAUNCH AREAS. A-D ARE EITHER
 25X1D COMPLETE OR IN A LATE STAGE OF CONSTRUCTION. BLACK OBJECTS APPEAR

NPIC/R-61/62

ON THE PADS IN THESE AREAS. AREA E IS IN A MID-STAGE OF CONSTRUCTION. SUPPORT AREAS ARE PRESENT AT ALL LAUNCH AREAS.

IN AREAS A AND D, THE 2 READY BUILDINGS ARE IN A LINE BEHIND THE PADS. AT B AND C, THE 2 READY BUILDINGS ARE ADJACENT TO EACH OTHER IN THE CENTER OF THE AREA. THE RAIL TO ROAD TRANSFER POINT IS IN THE NE CORNER OF THE COMPLEX SUPPORT FACILITY.

25X1D



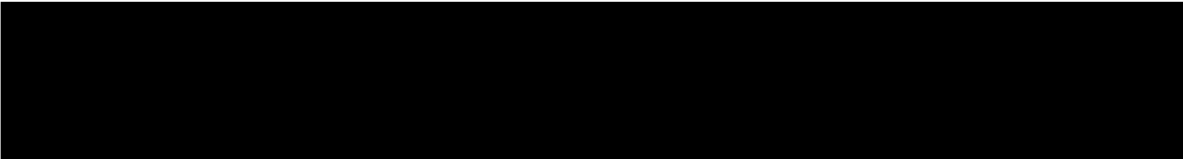
25X1D

25X1D

PHOTO REFERENCES AND GEOGRAPHIC COORDINATES FOR SIGNIFICANT ITEMS ARE AS FOLLOWS --

COMPLEX SUPPORT FACILITY	(X58.5-Y3.5)	58-02N 060-23E
LAUNCH AREA A	(X58.8-Y0.5)	58-09N 060-16E
LAUNCH AREA B	(X58.3-Y2.0)	58-06N 060-21E
LAUNCH AREA C	(X56.5-Y1.5)	58-10N 060-28E
LAUNCH AREA D	(X54.8-Y1.7)	58-12N 060-34E
LAUNCH AREA E	(X50.4-Y3.6)	58-14N 060-54E

25X1D



25X1A

5510N 08015E CHULYM SUSPECT ICBM AREA

AREA OF PREVIOUSLY REPORTED CONSTRUCTION ACTIVITY BETWEEN CHULYM AND OBINSKOYE OBSCURED BY CLOUDS AND HAZE. AN AREA OF GROUND SCARRING IS EVIDENT 10 NM NNE OF KARGAT. HOWEVER, EXTENT AND NATURE OF ACTIVITY CANNOT BE DETERMINED DUE TO CLOUDS AND HAZE.

NOVOSIBIRSK-OMSK RAILROAD OBSERVED FROM NOVOSIBIRSK TO OBINSKOYE (55-17N 079-41E). NO MISSILE ASSOCIATED ACTIVITY OBSERVED IN CLEAR AREAS.

25X1D



25X1D

25X1A

5634N 04803E YOSHKAR-OLA ICBM LAUNCH COMPLEX

THE YOSHKAR-OLA ICBM LAUNCH COMPLEX NOW CONSISTS OF 3 ROAD-SERVED LAUNCH AREAS, A COMPLEX SUPPORT FACILITY, AND A RAIL-TO-ROAD TRANSFER POINT. LAUNCH AREA C IS NEWLY IDENTIFIED.

HAZE PRECLUDES DETAILED INTERPRETATION OF LAUNCH AREA A. HOWEVER,

NO SIGNIFICANT CHANGES ARE EVIDENT AT THE PRESENT TIME. THE LAUNCH SUPPORT AREA IS LOCATED JUST SOUTH OF THE LAUNCH AREA.

LAUNCH AREA B, ABOUT 3.5 NM EAST OF LAUNCH AREA A, IS PARTIALLY OBSCURED BY HAZE, AND DETAILS ARE NOT DISCERNIBLE. APPROXIMATELY 7 BUILDINGS ARE LOCATED IN THE AREA ALONG THE EASTERN SIDE OF THE ACCESS ROAD THAT WAS PREVIOUSLY REPORTED AS A RECTANGULAR ROAD PATTERN. THESE AND SEVERAL BUILDINGS SOUTH OF THE MAIN ROAD COMPRISE THE LAUNCH SUPPORT AREA FOR LAUNCH AREA B.

25X1D
25X1D

LAUNCH AREA C IS LOCATED AT THE TERMINUS OF THE MAIN ROAD WHICH HAS BEEN EXTENDED APPROXIMATELY 4.2 NM ESE FROM ITS POINT OF TERMINATION AS SEEN [REDACTED] THE LOOP ROAD PATTERN AT LAUNCH AREA C, RESEMBLING THOSE AT AREAS A AND B, IS VISIBLE. A MISSILE READY BUILDING IS LOCATED BEHIND THE WESTERN PAD. THE LAUNCH SUPPORT AREA IS LOCATED JUST EAST OF THE LAUNCH AREA AND CONSISTS OF 6-10 BUILDINGS.

THE COMPLEX SUPPORT FACILITY, SERVED BY 4 RAIL SPURS, IS PARTIALLY OBSCURED BY HAZE WHICH PRECLUDES FURTHER INTERPRETATION.

THE RAIL-TO-ROAD TRANSFER POINT IS LOCATED APPROXIMATELY ONE NM EAST OF THE COMPLEX SUPPORT FACILITY, AND IS FORMED BY A LOOP ROAD SIMILAR TO THOSE SEEN AT PERM AND TEYKOVO. NO BUILDING CAN BE IDENTIFIED AT THE TRANSFER POINT AT THIS TIME.

PHOTO REFERENCES AND GEOGRAPHIC COORDINATES FOR SIGNIFICANT ITEMS ARE AS FOLLOWS --

25X1D
25X1D
25X1D
25X1D
25X1D
25X1A

COMPLEX SUPPORT FACILITY	[REDACTED]	(X18.5-Y2.8)	56-34N 048-03E
RAIL-TO-ROAD TRANSFER POINT	[REDACTED]	(X53.5-Y4.6)	56-34N 048-04E
LAUNCH AREA A	[REDACTED]	(X17.6-Y1.9)	56-35N 048-10E
LAUNCH AREA B	[REDACTED]	(X16.6-Y1.2)	56-35N 048-18E
LAUNCH AREA C	[REDACTED]	(X15.1-Y0.9)	56-34N 048-25E

[REDACTED]

[REDACTED] 5750N 04122E KOSTROMA ICBM LAUNCH COMPLEX

STEREO ANALYSIS OF THE KOSTROMA ICBM LAUNCH COMPLEX REVEALS UNIDENTIFIED OBJECTS ON THE PADS AT LAUNCH AREAS A AND B (THIS INFORMATION PREVIOUSLY DISSEMINATED BY CABLE IN PRELIMINARY OAK NUMBER 3). AT LAUNCH AREA B A HORIZONTAL OBJECT IS LOCATED ON THE WESTERNMOST PAD, AND IMMEDIATELY IN FRONT OF IT IS A VERTICAL OBJECT CASTING A DEFINITE SHADOW. A SIMILAR HORIZONTAL OBJECT IS LOCATED ON THE EASTERNMOST PAD, HOWEVER, NO VERTICAL OBJECT CAN BE IDENTIFIED. TWO SIMILAR HORIZONTAL OBJECTS ARE LOCATED ON BOTH PADS AT LAUNCH AREA A ALSO. THESE OBJECTS MAY BE MISSILE ERECTING

25X1D EQUIPMENT. (FOR A DESCRIPTION OF THE KOSTROMA ICBM LAUNCH COMPLEX,
25X1D SEE OAK-PART 1, MISSION 9032, PAGE 31.)

25X1A [REDACTED] 5337N 05557E STERLITAMAK SUSPECT ICBM AREA
NO MISSILE OR MISSILE-ASSOCIATED ACTIVITY IDENTIFIED WITHIN A 25 NM
25X1D RADIUS OF STERLITAMAK.

25X1A [REDACTED] 5605N 06338E SHADRINSK ICBM LAUNCH COMPLEX
MISSION 9032 REVEALS NO NEW ADDITIONS TO THE SHADRINSK COMPLEX.
LAUNCH AREA A NOW HAS AN OBSERVABLE PATTERN AND AN ORIENTATION OF
ABOUT 335 DEGREES. LAUNCH AREA A IS APPARENTLY IN AN EARLY STAGE OF
CONSTRUCTION BUT IS MORE ADVANCED THAN B WHERE NO PATTERN IS YET
APPARENT. A SEARCH WITHIN 35 NM RADIUS OF SHADRINSK REVEALED NO
ADDITIONAL ACTIVITY.

THE GEOGRAPHIC COORDINATES AND X-Y FOR SIGNIFICANT ITEMS ARE AS
FOLLOWS --

COMPLEX SUPPORT FACILITY X45.0-Y4.0 56-08N 063-41E [REDACTED] 25X1D
TRANSFER POINT X44.5-Y3.4 56-10N 063-41E [REDACTED]
25X1D LAUNCH AREA A X42.7-Y5.2 56-09N 063-52E [REDACTED]
25X1D LAUNCH AREA B X37.5-Y5.2 56-10N 064-03E [REDACTED] 25X1D

25X1A [REDACTED] 5750N 05257E GLAZOV SUSPECT ICBM LAUNCH COMPLEX
NO CONSTRUCTION ACTIVITY LOCATED IN THE VICINITY OF THE REQUIREMENT
COORDINATES. A SEARCH THROUGH A 25 NM SEMICIRCLE ON THE SE SIDE OF
GLAZOV REVEALED NO IDENTIFIABLE MISSILE OR MISSILE-RELATED ACTIVITY.
25X1D PHOTO COVERAGE ON THE NW SEMICIRCLE FROM GLAZOV EXTENDS ONLY 2 TO 3
NM.

25X1A [REDACTED] 5738N 05619E KUNGUR SUSPECT ICBM COMPLEX
THE ICBM LAUNCH COMPLEX IDENTIFIED AT PERM (SEE NPIC/R-60/62, OAK-
PART 1, MISSION 9032) ANSWERS THIS REQUIREMENT.

25X1A [REDACTED] 4859N 14020E SOVETSKAYA GAVAN SUSPECT MRBM AREA

SOVETSKAYA GAVAN AREA PARTIALLY OBSERVED THROUGH SCATTERED TO HEAVY CLOUDS. NO SSM ACTIVITY IDENTIFIED IN VISIBLE PORTIONS WITHIN A 25 NM RADIUS OF SOVETSKAYA GAVAN.

25X1D [REDACTED]

25X1A [REDACTED] 4416N 13123E SOFIYE ALEKSEYEVSKOYE MRBM LAUNCH SITE NO 1

COMPLETED RECTANGULAR SITE WITH 4 CIRCULAR LAUNCH PADS AND 2 READY BUILDINGS. AT LEAST 16 BARRACKS AND SUPPORT BUILDINGS ARE LOCATED JUST NE OF THE LAUNCH PADS. A SEPARATE SUPPORT AREA WITH 6 LARGE BUILDINGS IS LOCATED APPROXIMATELY ONE NM NORTH OF THE LAUNCH SITE. A GOOD ROAD FROM BARANO-ORENBURGSKOYE SERVES THIS SITE.

25X1D [REDACTED]

25X1A [REDACTED] 4401N 13226E LYALICHI POSS MRBM LAUNCH SITE

POSSIBLE MRBM SITE 6.7 NM WEST OF KREMOVO CANNOT BE UPGRADED OR NEGATED. 3 CIRCULAR POSSIBLE PADS AND SEVERAL BUILDINGS ARE EVIDENT. NO KNOWN MRBM PATTERN IS APPARENT. THE SITE APPEARS UNCHANGED SINCE PREVIOUS MISSIONS. NO MATCHING SITE IDENTIFIED IN SEARCH OF 25 NM RADIUS.

25X1D [REDACTED]

25X1A [REDACTED] 4411N 13333E NOVAYA SYSOYEVKA MRBM LAUNCH SITE

NOVAYA SYSOYEVKA IS NOW IDENTIFIED AS A COMPLETED, INLINE MRBM LAUNCH SITE, LOCATED AT 44-11-20N 133-33-30E, 3.5 NM SE OF NOVAYA SYSOYEVKA. IT CONSISTS OF 4 OBLONG LAUNCH PADS, IN A NE/SW LINE, WITH A READY BUILDING TO THE NW OF EACH PAD. A LARGE BUILDING IS NEAR ONE OF THE READY BUILDINGS. 16 BARRACKS/ADMINISTRATIVE BUILDINGS AND 4 LARGE SUPPORT BUILDINGS ARE LOCATED WEST OF THE LAUNCH PADS. NO MATCHING MRBM LAUNCH SITE CAN BE IDENTIFIED.

25X1D [REDACTED]

25X1A [REDACTED] 4851N 02643E KAMENETS-PODOLSKIY MRBM LAUNCH SITE NO 1

CONSTRUCTION APPEARS COMPLETED. THE 4 PADS, EACH WITH A READY BUILDING, ARE ORIENTED IN A WNW/ESE LINE. THE SUPPORT AREA IS COMPLETED AND CONSISTS OF AT LEAST 14 BUILDINGS. NO MATCHING SITE IDENTIFIED.

25X1D [REDACTED]

25X1A [REDACTED] 4856N 02930E GRANOV MRBM LAUNCH SITE NO 1

THE LAUNCH SITE APPEARS COMPLETE. 2 READY BUILDINGS ARE CLEARLY VISIBLE, BUT WOODS AND SHADOWS PRECLUDE IDENTIFICATION OF THE OTHERS. THERE ARE APPROXIMATELY 10 SUPPORT BUILDINGS IN THE AREA. ONE-HALF OF THE SITE IS IN WOODS. NO MATCHING SITE CAN BE IDENTIFIED.

25X1D

[REDACTED]

25X1A

[REDACTED] 5014N 02644E OSTROG POSS MRBM LAUNCH SITE NO 1

OSTROG POSSIBLE MRBM LAUNCH SITE NO 1 IS LOCATED 9.9 NM SE OF OSTROG AND 3.1 NM SSE OF OSTROG MRBM LAUNCH SITE NUMBER 2 AT 50-14-25N 026-44-00E. THE CONFIGURATION OF THIS POSSIBLE SITE CANNOT BE DETERMINED. IT CONSISTS OF 2 PROBABLE DRIVE-THROUGH BUILDINGS AROUND WHICH IS A ROAD PATTERN DISSIMILAR TO THAT AT ANY PREVIOUSLY IDENTIFIED SITE. NO PADS CAN BE IDENTIFIED. A SUPPORT AREA IS LOCATED IMMEDIATELY TO THE NORTH OF THE SCARRING AND CONSISTS OF AT LEAST 5 BUILDINGS. THE SITE IS CONNECTED BY ROAD TO THE RAIL-SERVED TOWN OF SLAVUTA.

25X1D

[REDACTED]

25X1A

[REDACTED] 5017N 02641E OSTROG MRBM LAUNCH SITE NO 2

OSTROG MRBM LAUNCH SITE NUMBER 2 IS LOCATED 7.0 NM ESE OF OSTROG AT 50-17-20N 026-41-45E AND IS A INLINE-TYPE FACILITY. THERE ARE 4 PADS ALIGNED NNW/SSE, HOWEVER, THE ROADS ENTER THE PADS IN A NW/SE DIRECTION. ALTHOUGH NO READY BUILDINGS CAN BE IDENTIFIED, THE ROAD PATTERN INDICATES THAT THEY ARE OR WILL BE LOCATED ENE OF THE PADS. AT LEAST 5 SUPPORT BUILDINGS ARE LOCATED ESE AND SE OF THE PADS. THE SITE IS CONNECTED DIRECTLY BY A GOOD ROAD TO THE RAIL-SERVED TOWN OF SLAVUTA, 8 NM TO THE ENE.

25X1D

[REDACTED]

25X1A

[REDACTED] 5011N 02704E SHEPETOVKA SUSPECT MRBM AREA

NO MISSILE ACTIVITY IDENTIFIED OTHER THAN THE 2 MRBM SITES AT OSTROG (COMOR [REDACTED])

25X1A

25X1D

[REDACTED]

25X1A

[REDACTED] 5052N 02819E KOROSTEN MRBM LAUNCH SITE NO 1

SITE APPEARS COMPLETED.

25X1D

[REDACTED]

25X1A [REDACTED] 5052N 02819E KOROSTEN MRBM LAUNCH SITE NO 2 (NEWLY IDENT)

KOROSTEN MRBM LAUNCH SITE NO 2 (NEWLY IDENTIFIED) IS LOCATED IN A FOREST 7 NM SW OF KOROSTEN AND 7.5 NM EAST OF LAUNCH SITE ONE AT 50-52-30N 028-30-30E. IT IS AN INLINE-TYPE SITE WHICH APPEARS COMPLETE WITH 4 PADS ALIGNED IN A NW/SE ORIENTATION EACH WITH A READY BUILDING LOCATED IMMEDIATELY TO THE NE. SUPPORT FACILITIES CONSISTING OF AT LEAST 6 BUILDINGS ARE LOCATED NW OF THE READY BUILDING. A GOOD ROAD FROM KOROSTEN SERVES THE SITE.

25X1D

25X1D

25X1A [REDACTED] 4854N 03028E MOLODETSKOYE MRBM LAUNCH SITE

CONSTRUCTION APPEARS COMPLETED. A SUPPORT AREA OF AT LEAST 6 BUILDINGS IS LOCATED JUST SE OF THE SITE. THERE IS A READY BUILDING BETWEEN EACH PAIR OF LAUNCH PADS.

25X1D

25X1D

25X1A [REDACTED] 5759N 02606E TORVA MRBM LAUNCH SITE NO 2

IDENTIFICATION ONLY. HAZE PRECLUDES INTERPRETATION.

25X1D

25X1D

25X1A [REDACTED] 5010N 02816E ZHITOMIR MRBM LAUNCH SITE

THE ZHITOMIR LAUNCH SITE APPEARS COMPLETED. A NEWLY IDENTIFIED 4-PAD MATCHING INLINE LAUNCH SITE ORIENTED NW/SE IS LOCATED 17.5 NM NW OF BERDICHEV AND 5.2 NM SOUTH OF THE ZHITOMIR SITE AT 50-04-50N 028-16-10E. THE SITE APPEARS UNDER CONSTRUCTION AND DID NOT EXIST ON [REDACTED] A ROAD SERVING THE NEW SITE COMES FROM THE GENERAL DIRECTION OF BERDICHEV. A SUPPORT AREA, WHICH ALSO APPEARS TO BE UNDER CONSTRUCTION, IS IMMEDIATELY SE OF THE SITE.

25X1D

25X1D

25X1D

25X1D

25X1A [REDACTED] 5749N 02651E VORU MRBM LAUNCH SITE NO 2

IDENTIFICATION ONLY. HAZE PRECLUDES INTERPRETATION.

25X1D

25X1D

25X1A [REDACTED] 5119N 02811E OLEVSK MRBM LAUNCH SITE NO 2

COMPLETE INLINE-TYPE MRBM LAUNCH SITE CONSISTING OF 4 CIRCULAR PADS ALIGNED IN A NW/SE DIRECTION, EACH WITH A READY BUILDING TO THE NE.

25X1D

A SUPPORT AREA IS LOCATED NW OF THE PADS.

25X1D

25X1A

5037N 02710E KORETS SUSPECT MRBM AREA

25X1D

NO MISSILE ACTIVITY OBSERVED WITHIN 25 NM RADIUS OF KORETS. SEARCH AREA COVERED BY GOOD QUALITY CLEAR PHOTOGRAPHY.

25X1D

25X1A

4835N 04545E KAPUSTIN YAR/VLADIMIROVKA GM TEST RANGE

THE SIGNIFICANT AREAS OF THIS CENTER (SEE ATTACHMENT 1) WERE COVERED COMPLETELY BY CLEAR PHOTOGRAPHY OF EXCELLENT QUALITY. THERE IS A SIGNIFICANT INCREASE IN THE CONSTRUCTION OF LAUNCH PADS AND SUPPORT FACILITIES IN CERTAIN SAM AND SSM AREAS. THREE ADDITIONAL SA-2 OPERATIONAL SITES WERE IDENTIFIED, MAKING A TOTAL OF FIVE. ALSO, TWO PROBABLE SA-3 OPERATIONAL SAM SITES WERE OBSERVED. SIGNIFICANT INCREASE IN ACTIVITY, PARTICULARLY IN VEHICULAR MOVEMENT AND INDICATIONS OF TROOP TRAINING WAS DETECTED THROUGHOUT THE CENTER.

SURFACE-TO-AIR MISSILE FACILITIES

A. R AND D SAM LAUNCH AREA

THE NEW BUILDING AREA IN THE SW CORNER OF THE R AND D AREA, REPORTED UNDER CONSTRUCTION IN NPIC/R-8/61, IS COMPLETE. IT CONSISTS OF TWO U-SHAPED BUILDINGS. THE PINWHEEL SAM SITE, LOCATED JUST WEST OF THE R AND D AREA, HAS FOUR PADS RATHER THAN SIX AS PREVIOUSLY REPORTED IN NPIC/R-8/61.

B. MISSILE CHECKOUT AND PROPELLANT STORAGE AREA.

AN ADDITIONAL DRIVE-THROUGH-TYPE CHECKOUT BUILDING HAS BEEN ADDED AS A MATE JUST SOUTH OF THE EXISTING BUILDING. A REVETTED STORAGE STRUCTURE HAS BEEN ADDED ON THE NORTH PERIMETER OF THE AREA, -- A COUNTERPART TO THE STRUCTURE ON THE SOUTH PERIMETER. A SMALL UNIDENTIFIED AREA, SURROUNDED BY A FIREBREAK, HAS BEEN ADDED OUTSIDE THE NORTHEAST CORNER OF THE STORAGE AREA.

C. TROOP TRAINING LAUNCH AREA

A NEW LAUNCH AREA OF SEMI-CIRCULAR CONFIGURATION WITH FOUR LAUNCH POSITIONS AND A CENTRALLY LOCATED APRON, IS NEARING COMPLETION JUST EAST OF THE PRACTICE FIRING SITE. ANOTHER SITE, AN EARTHWORK AREA OF SIMILAR CONFIGURATION, IS IN THE INITIAL STAGE OF CONSTRUCTION JUST EAST OF THIS NEW SITE.

D. NEW TYPE LAUNCH SITE AREA (ALSO CALLED SA-3)

ADDITIONAL LAUNCH SITES ARE BEING CONSTRUCTED JUST EAST OF THE AREA

IDENTIFIED IN PIC/JR-1008/61 AS NEW TYPE LAUNCH SITE AREA. ONE IS A SEMI-CIRCULAR PINWHEEL-TYPE WITH FOUR LAUNCH POSITIONS AND A GUIDANCE REVETMENT AND THE OTHER IS A ROUGHLY CIRCULAR SITE WITH FOUR IDENTIFIABLE LAUNCH POSITIONS WITH A GUIDANCE PAD AT THE HUB.

E. HERRINGBONE LAUNCH AREA (SA-1)
SEVERAL VEHICLES ARE MOVING ABOUT IN THIS AREA.

F. BASE SUPPORT AND HOUSING AREA
NEW STORAGE AREA COMPRISED OF 6 VARIOUS-SIZED BUILDINGS AND FOUR BUNKERED STORAGE STRUCTURES ARE IDENTIFIED NORTH OF KAPUSTIN YAR AIRFIELD.

KAPUSTIN YAR AIRFIELD IS ACTIVE, NUMEROUS AIRCRAFT BEING OBSERVED. THE MARSHALLING AREA AT THE BASE SUPPORT HAS BEEN SIGNIFICANTLY ENLARGED. TWO ADDITIONAL MARSHALLING APRONS AND SEVERAL STORAGE BUILDINGS HAVE BEEN ADDED. NUMEROUS CRATES AND OBJECTS ARE IDENTIFIABLE ON EACH OF THE SIX MARSHALLING APRONS.

SURFACE-TO-SURFACE MISSILE FACILITIES

LAUNCH COMPLEX A
AN OPERATIONAL SA-2 SITE HAS BEEN COMPLETED ON THE NORTHEAST EDGE OF THE SUPPORT AREA FOR A. NO APPARENT CHANGE IN THE CONFIGURATION OF THE TWO LARGE EARTH-RAMPED LAUNCH STRUCTURES.

LAUNCH COMPLEX B
NO APPARENT CHANGE IN THE SUPPORT OR LAUNCH AREAS.

LAUNCH COMPLEX E
NO APPARENT CHANGE IN LAUNCH AREA. AN AREA APPROXIMATELY ONE NM NORTH OF THE SUPPORT AREA FOR LAUNCH COMPLEX A WAS INITIALLY FELT TO BE A SUPPORT AREA FOR E. THIS AREA HAS UNDERGONE EXTENSIVE RECENT EXPANSION AND IS NOW FELT TO BE A TROOP TRAINING SUPPORT AREA. THERE ARE APPROXIMATELY 20 LARGE ADMINISTRATIVE AND SUPPORT BUILDINGS. THROUGHOUT THE AREA ARE NUMEROUS VEHICLES AND SOME TENTS. THERE IS EXTENSIVE SCARRING THROUGHOUT THE AREA.

LAUNCH COMPLEX C
A. LAUNCH AREA 1-C
RAIL LINE FROM ASSEMBLY AREA AT C NOW COMPLETE INTO 1-C AND UP TO PAD. UNIDENTIFIED CONSTRUCTION ADJAGENT TO CHECKOUT AREA.

B. LAUNCH AREA 2-C
NO APPARENT CHANGE WITHIN LAUNCH AREA.

C. LAUNCH AREA 3-C
NO APPARENT CHANGE WITHIN LAUNCH AREA OR ASSOCIATED CHECKOUT AREA. POSSIBLE BUILDINGS NOW APPEAR ON DUMBELL CONFIGURATION.

D. LAUNCH AREA 4-C (SEE ATTACHMENT 2)
TWO POSSIBLE LAUNCH PADS UNDER CONSTRUCTION APPROXIMATELY 2,800 FT APART. SCATTERED SMALL BUILDINGS IN AREA OF TWO POSSIBLE PADS. CLUSTER OF BUILDINGS LOCATED MIDWAY ALONG ROAD CONNECTING THE TWO POSSIBLE PADS.

E. LAUNCH AREA 5-C
FIRST COVERAGE. APPROXIMATELY ONE NM SOUTH OF 4-C. TWO SEPARATE AREAS WITH TWO POSSIBLE PADS UNDER CONSTRUCTION IN EACH AREA. PADS IN NORTHERNMOST AREA ARE APPROXIMATELY 800 FEET APART. IN SOUTHERNMOST AREA THEY ARE 600 FEET APART. PROBABLE LAUNCH AREA 4-C & 5-C ARE IN A DIRECT LINE WITH LAUNCH AREAS 1, 2, AND 3-C.

COMMO AREA

JUST SOUTH OF MAIN ADMINISTRATIVE AND HOUSING AREA AT LAUNCH COMPLEX C. CONTROL AREA IN CENTER OF OVERALL COMMO AREA WHICH IS APPROXIMATELY 3,500 BY 3,500 FEET. NUMEROUS RHOMBIC ANTENNAS IDENTIFIED.

TROOP TRAINING LAUNCH COMPLEX G

THE COMPLEX HAS BEEN ASSOCIATED WITH SHORT RANGE MISSILES. A LAUNCH AREA CONSISTING OF TWO CIRCULAR PADS IS ENCLOSED BY A FIREBREAK. THIS AREA WAS UNDER CONSTRUCTION IN [REDACTED]

25X1D

RAIL SERVED SUPPORT AREA

THE RAIL SERVED SUPPORT AREA, REPORTED UNDER CONSTRUCTION IN NPIC/R-8/61, IS OPERATIONAL. IT IS LOCATED APPROXIMATELY 4 NM TO THE REAR OF THE LAUNCH COMPLEXES A AND B. THE SUPPORT AREA IS FENCED AND CONSISTS OF 9 DRIVE-THROUGH BUILDINGS. TWO LARGER BUILDINGS ARE IN PAIRS, ONE IS SINGLE, AND FOUR SMALLER DRIVE-THROUGH TYPES ARE IN A CLUSTER.

PROBABLE AERODYNAMIC LAUNCH FACILITIES

LAUNCH COMPLEX D

NO SIGNIFICANT CHANGE IN LAUNCH AREAS 1-D AND 2-D. LAUNCH AREAS 3-D AND 4-D APPEAR COMPLETE.

VLADIMIROVKA AIRFIELD

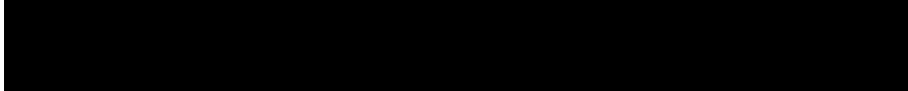
THE NEW RUNWAY AT VLADIMIROVKA AIRFIELD, REPORTED UNDER CONSTRUCTION IN NPIC/R-8/61, IS OPERATIONAL. THE CONCRETE RUNWAY IS ORIENTED E/W AND IS APPROXIMATELY 12,000 FEET LONG. AIRCRAFT INCLUDE 16 STRAIGHT-WING TRANSPORT AIRCRAFT AT THE NEW RUNWAY AND 8 STRAIGHT-WING SMALL AIRCRAFT, 14 MEDIUM-SIZE, SWEEP-WING, AND 11 SMALL SWEEP-WING AIRCRAFT AT THE OLD RUNWAY.

A TAXI LINK AT THE EAST END OF THE NEW RUNWAY CONNECTS THE NEW AND OLD RUNWAYS.

THREE RADARS, FORMERLY IN A RANDOM ARRANGEMENT NEAR THE FIRING-IN

BUTTS, NOW ARE REARRANGED IN LINE AT THE SAME LOCATION.
AKHTUBA AIRFIELD IS NOW ABANDONED.

25X1D



25X1A



4107N 10020E TEIN TSUNG TA WAN MISSILE TEST CENTER

MISSILE TEST CENTER NOT COVERED. LARGE AIRFIELD TO THE SOUTH
APPEARS ON EXTREME MARGIN OF PHOTOGRAPHY.

25X1D

25X1D



25X1A



5554N 03727E MOSCOW/KHIMKI GUIDED MISSILE PLANT 456

IDENTIFICATION ONLY. POOR IMAGE QUALITY PRECLUDES INTERPRETATION.

25X1D

25X1D



25X1A



5550N 03727E MOSCOW/TUSHINO AIRCRAFT PLANT NO 82

IDENTIFICATION ONLY. POOR IMAGE QUALITY PRECLUDES INTERPRETATION.

25X1D



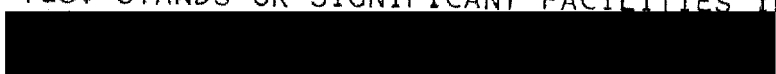
25X1A



5555N 03748E MOSCOW/KALININGRAD GUIDED MISSILE PLANT NO 88

ONLY SMALL PART OF PLANT AREA VISIBLE AT EXTREME EDGE OF FILM. NO
TEST STANDS OR SIGNIFICANT FACILITIES IDENTIFIED.

25X1D



25X1A



5627N 03812E KRASNOZAVODSK SUSPECT STATIC TEST FACILITY

25X1D

NO APPARENT CHANGE SINCE

25X1D



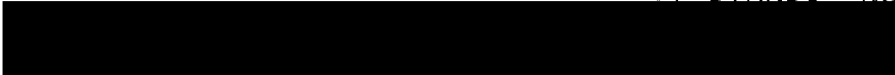
25X1A



5331N 04949E KURUMOCH ROCKET ENGINE TEST FACILITY

CONSTRUCTION CONTINUING ON NEW TEST STAND. NO OTHER APPARENT CHANGE

25X1D



25X1A



5801N 05614E PERM MISSILE PRODUCTION SEARCH

A SEARCH OF THE CLOUD FREE AREAS WITHIN A 25 NM RADIUS OF PERM
REVEALED NO STATIC TEST STAND FACILITIES.

25X1D

[REDACTED]

25X1A

[REDACTED] 5650N 05311E IZHEVSK ARMS & MCH EQUIP PLT 71 & 74

25X1D

NO APPARENT CHANGE AT PLANTS 71 AND 74 SINCE [REDACTED]
[REDACTED] SCALE PRECLUDES DETAILED DESCRIPTION OF THE TALL BUILDING NE OF
IZHEVSK.

25X1D

[REDACTED]

25X1D

25X1A

[REDACTED] 4838N 03515E NOVOMOSKOVSK POSSIBLE MISSILE TEST AREA

SEARCH OF AREA WITHIN A 30 NM RADIUS OF NOVOMOSKOVSK REVEALS NO
EVIDENCE OF STATIC TEST STANDS.

25X1D

[REDACTED]

25X1A

[REDACTED] 5313N 05019E KUYBYSHEV AIRFRAME PLT LENIN OR VOROSHILOV 18

A SEARCH OF THE AREA WITHIN 25 NM RADIUS OF KUYBYSHEV REVEALED NO
ROCKET ENGINE OR MISSILE TEST STANDS OTHER THAN THE KURUMOCH ROCKET
ENGINE TEST FACILITY (SEE COMOR [REDACTED] NO RAIL CARS WERE
DISCERNIBLE. NO INDICATIONS OF MISSILE PRODUCTION DISCERNIBLE.
AIRCRAFT -- 4 LARGE AND 4-6 SMALL UNIDENTIFIED AIRCRAFT ON ADJACENT
AIRFIELD.

25X1A

25X1D

[REDACTED]

25X1A

[REDACTED] 5313N 05018E KUYBYSHEV AIRFRAME PLANT STALIN 1

A SEARCH OF THE AREA WITHIN 25 NM OF KUYBYSHEV REVEALED NO ROCKET
ENGINE OR MISSILE TEST STANDS OTHER THAN THE KURUMOCH ROCKET ENGINE
TEST FACILITY (SEE COMOR [REDACTED] NO RAIL CARS WERE DISCERNIBLE. NO
INDICATIONS OF MISSILE PRODUCTION DISCERNIBLE.

25X1A

25X1D

[REDACTED]

25X1A

[REDACTED] 5312N 05017E KUYBYSHEV AIRCRAFT ENGINE PLANT FRUNZE 24

NO RAIL CARS DISCERNIBLE. NO INDICATIONS OF MISSILE PRODUCTION OR
MISSILE ENGINE PRODUCTION DISCERNIBLE.

25X1D

[REDACTED]

25X1A

[REDACTED] 4251N 13121E SLAVYANKA SUSPECT MRBM AREA

A 25 NM RADIUS SEARCH OF THE SLAVYANKA AREA REVEALED NO MRBM SITES

25X1D OR UNIDENTIFIED CONSTRUCTION ACTIVITY. HOWEVER, 4 SAM SITES AND A
25X1D SAM SUPPORT FACILITY WERE OBSERVED IN THE AREA.
25X1D [REDACTED]

25X1A [REDACTED] 3847N 12114E LU-SHUN SUBMARINE BASE (CHINA)

25X1D NO CHANGE IN EXTENSIVE SHORE FACILITIES SHOWN ON US ATC, SERIES 200,
25X1D SHEET 0381-9A, 1ST ED, JUL 58. NO SUBMARINES VISIBLE.
25X1D [REDACTED]

25X1A [REDACTED] 5255N 15830E PETROPAVLOVSK/KAMCHATSKIY SUBMARINE BASE

25X1D SCALE PRECLUDES IDENTIFICATION OF MISSILE SUBMARINES. VESSELS
25X1D OBSERVED INCLUDE -- AT LEAST 6 SUBMARINES, 2 PROBABLE MERCHANT
25X1D VESSELS OR TENDERS, ONE POSSIBLE FLOATING DRYDOCK, AND AT LEAST 2
UNIDENTIFIED VESSELS AT SUBMARINE BASE. 8 POSSIBLE DESTROYERS, ONE
TANKER, AND 8 UNIDENTIFIED VESSELS AT NEW LANDING FACILITY ACROSS
AND 2 UNIDENTIFIED VESSELS AT SHIPYARD. 3 PROBABLE MERCHANT VESSELS, ONE FLOATING DRYDOCK,
[REDACTED]

25X1A [REDACTED] 5650N 06037E SVERDLOVSK SUSPECT ABM AREA

25X1D NO INSTALLATIONS RESEMBLING THOSE AT SARY SHAGAN OR CONFIGURATIONS
25X1D SUCH AS THOSE AT CHITA OR LENINGRAD WERE IDENTIFIED WITHIN A 40 NM
25X1D RADIUS OF SVERDLOVSK.
[REDACTED]

25X1A [REDACTED] 5254N 11332E CHITA SUSPECT ABM AREA

25X1D PADDLEWHEEL SITES AND SURROUNDING AREA COMPLETELY CLOUD-COVERED.
25X1D SEARCH REVEALED NO EVIDENCE OF ABM ACTIVITY IN VISIBLE PORTIONS OF
25X1D AREA 60 NM NORTH AND 40 NM IN OTHER DIRECTIONS OF CHITA.
[REDACTED]

25X1D BONUS 1. 4724N 04808E KORDON SAM TRAINING CENTER

25X1D A NEWLY IDENTIFIED SAM TRAINING CENTER HAS BEEN LOCATED 100 NM SE OF
KAPUSTIN YAR AND 65 NM NW OF ASTRAKHAN (SEE ATTACHMENT 3).
RANGEHEAD LAUNCH FACILITIES CONSIST OF 9 SA-2 SITES (5 OCCUPIED),
HOUSING AREA, LANDING STRIP, STORAGE AND MOTOR POOLS. THE PROBABLE
FIRING DIRECTION IS ENE. RAILHEAD SUPPORT IS AT VILLAGE OF TAMBOVKA
47-18N 047-24E (30 NM WEST OF RANGEHEAD). RAILHEAD FACILITIES

CONSISTS OF RAILROAD YARDS, TURNING WYE, RAIL-SERVED SECURED BUNKER-TYPE STORAGE, HOUSING, OPEN STORAGE, AND MOTOR POOLS. TWO RADAR SITES ARE LOCATED APPROXIMATELY 3 NM AND 7 NM, RESPECTIVELY, WEST OF RANGEHEAD.

25X1D

25X1D

BONUS 2. 4920N 02726E DERAZHNYA MRBM LAUNCH SITE NO 1 (NEWLY IDENT)

LOCATED 4.5 NM NORTH OF DERAZHNYA AT 49-20-50N 027-26-20E. SITE CONSISTS OF 4 PADS ALIGNED IN A WNW/ESE DIRECTION, EACH WITH A READY BUILDING LOCATED IMMEDIATELY TO THE NNE. AT LEAST 12 BUILDINGS LOCATED SW OF THE LAUNCH POINTS MAKE UP THE SUPPORT AREA FOR THE SITE. THE SITE APPEARS COMPLETED.

25X1D

25X1D

BONUS 3. 4926N 02728E DERAZHNYA MRBM LAUNCH SITE NO 2 (NEWLY IDENT)

LOCATED AT 49-26-20N 027-28-40E, 5.9 NM NNE OF DERAZHNYA MRBM LAUNCH SITE NO 1 AND 10.5 NM NNE OF DERAZHNYA. IT IS SIMILAR IN CONFIGURATION AND ORIENTATION TO SITE NO 1, BUT ONLY 2 READY BUILDINGS ARE VISIBLE. IT CANNOT BE DETERMINED WHETHER THIS IS DUE TO THE SMALL SCALE OF PHOTOGRAPHY OR TO CONSTRUCTION STATUS. A SUPPORT AREA CONSISTING OF AT LEAST 4 BUILDINGS IS LOCATED IMMEDIATELY WEST OF THE LAUNCH POINTS.

25X1D

25X1D

BONUS 4. 4910N 02804E ZHIMERINKA MRBM LAUNCH SITE

ZHIMERINKA LAUNCH SITE IS LOCATED IN A FOREST 8 NM NORTH OF ZHIMERINKA AT 49-10-20N 028-04-50E, 5 NM WNW OF GNIVAN LAUNCH SITE. IT IS SIMILAR IN CONFIGURATION AND ORIENTATION TO THE GNIVAN SITE. HOWEVER, IT APPEARS TO BE UNDER CONSTRUCTION SINCE NO READY BUILDINGS ARE VISIBLE. AT THIS TIME ONLY THE SIGNATURE IS VISIBLE IN THE FOREST. A SMALL SUPPORT AREA OF AT LEAST 4 BUILDINGS IS LOCATED IMMEDIATELY NORTH OF THE SIGNATURE. A GOOD ROAD CONNECTS THE SITE TO ZHIMERINKA.

25X1D

25X1D

BONUS 5. 4909N 02812E GNIVAN MRBM LAUNCH SITE

GNIVAN LAUNCH SITE IS LOCATED IN A FOREST AT 49-09-10N 028-12-30E AND APPEARS COMPLETE. THE SITE CONSISTS OF 4 PADS SET IN A WNW-ESE LINE, EACH WITH A READY BUILDING LOCATED TO THE NNE. A SUPPORT AREA CONTAINING AT LEAST 6 BUILDINGS IS LOCATED NNE OF THE READY

BUILDINGS. ALTHOUGH THIS SITE IS ONLY 5.8 NM NW OF GNIVAN, THERE IS NO DIRECT ROAD LEADING TO THIS TOWN. A GOOD ROAD LEADS FROM THE SITE TO THE RAIL-SERVED TOWN OF ZHIMERINKA 7.6 NM TO THE SSW.

25X1D

25X1D

25X1D

AIRCRAFT

25X1A

4947N 03026E CHEPELEVKA AIRFIELD

25X2

25X2

25X2

AIRCRAFT -- 7 LARGE SWEEP-WING BOMBER-TYPE AIRCRAFT IN LOADING AREA, 19 LARGE SWEEP-WING BOMBER-TYPE AIRCRAFT ON 2 LONG PARKING APRONS, APPROXIMATELY 25 AIRCRAFT, THE MAJORITY OF WHICH ARE SWEEP-WING ON HARDSTANDS. ONE LARGE SWEEP-WING BOMBER-TYPE AIRCRAFT AND 3 SMALL UNIDENTIFIED AIRCRAFT PARKED ON SOD AREA. TWO POSSIBLE AIRCRAFT ON ALERT STAND.

25X1D

25X1D

25X1A

5110N 12826E UKRAINA AIRFIELD

25X2

25X2

25X2

AIRCRAFT -- 12 PROBABLE BISON ON THE NEW PARKING APRON. 3 PROBABLE BADGER AND 5 PROBABLE BISON ON THE SE LOOP HARDSTANDS. 13 PROBABLE BISON ON THE NE LOOP HARDSTANDS. 17 PROBABLE BISON, 13 PROBABLE BADGER, 2 POSSIBLE BADGER, 2 LARGE STRAIGHT-WING AIRCRAFT, 3 SMALL STRAIGHT-WING AIRCRAFT ON THE PARKING FACILITIES WEST OF THE RUNWAY.

25X1D

25X1D

25X1D

25X1A

5023N 11627E BORZYA AIRFIELD

25X1D

IDENTIFICATION ONLY. HAZE PRECLUDES INTERPRETATION.

25X1D

25X1D

25X1A

[REDACTED] 5552N 04908E KAZAN AIRFRAME PLANT GORBUNOV 22

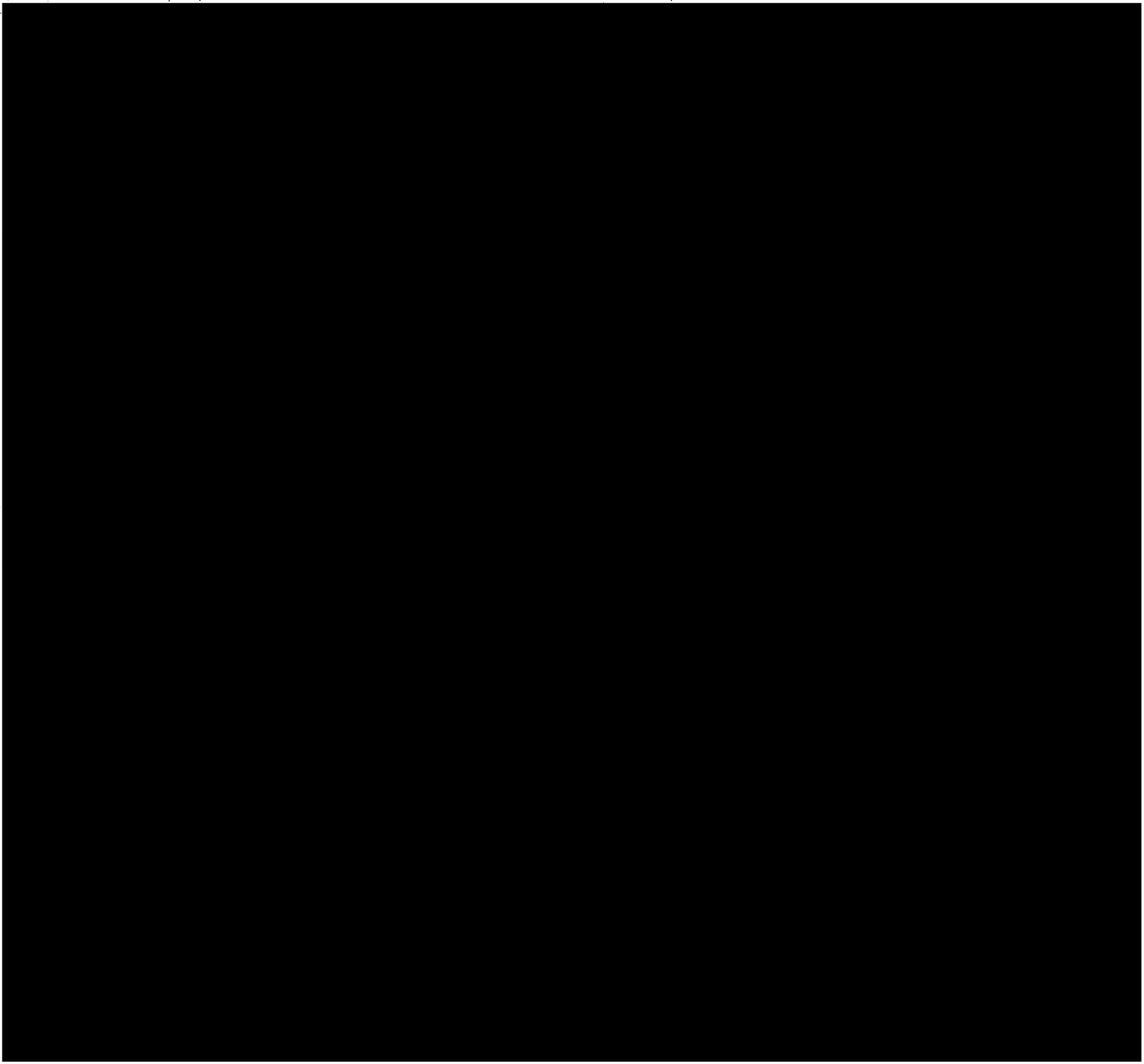
25X1D

AT LEAST 33 MEDIUM TO LARGE UNIDENTIFIED AIRCRAFT, SOME OF WHICH ARE
SWEPT-WING, AT LEAST 7 SMALL UNIDENTIFIED AIRCRAFT. POSSIBLE SHOP
UNDER CONSTRUCTION ON [REDACTED] NOW COMPLETE AND
APPARENTLY IS A SECTION OF THE MAIN MACHINE AND SUB-ASSEMBLY
BUILDING.

25X1D

25X1D

[REDACTED]



25X2

Approved For Release 2001/08/21 : CIA-RDP78B04560A000200010005-1

25X2

Approved For Release 2001/08/21 : CIA-RDP78B04560A000200010005-1

ELECTRONICS

25X1A



5306N 15820E KHUTOR INTERFEROMETER STATION

COORDINATES OF INTERFEROMETER STATION APPROXIMATELY 53-06N 158-20E. STATION CONSISTS OF INTERFEROMETER, SUPPORT AREAS, ANTENNA FARM, AND KRUG SITE. A ROAD-SERVED SECURE AREA IS ADJACENT ON THE NE.

25X1D



25X1A



5257N 15814E PARATUNKA INTERFEROMETER STATION

NO INTERFEROMETER SITE OR NEW TYPE TRACKING INSTALLATION CAN BE IDENTIFIED.

25X1D

