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SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT



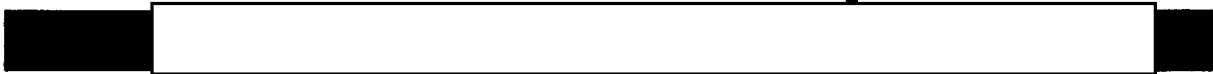
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MISSION 4031
17-24 AUGUST 1966

PART IV

Declassification Review by NGA/DoD

SEPT 1966
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31 PAGES

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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MISSION 4031, 17-24 AUGUST 1966

OAK SUPPLEMENT - PART IV

MISSION 4031

PREFACE

THIS IS THE FOURTH AND FINAL OAK SUPPLEMENT REPORT ON MISSION 4031 AND PROVIDES INFORMATION ON THE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY AND NOT INCLUDED IN THE OAK REPORTS FOR THIS MISSION. ALSO INCLUDED IN THIS REPORT ARE PREVIOUSLY REPORTED NON-COMOR TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE (OB) INFORMATION, AND TARGETS WHICH ARE EITHER NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC.

TARGETS ARE ARRANGED IN THE OAK SUPPLEMENT BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. PREVIOUSLY REPORTED NON-COMOR TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR LIMITING CONDITIONS AFFECTING PHOTOGRAPHY ARE C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

FOR THE CONVENIENCE OF THE USER, AN INDEX TO ALL TARGETS IN THE

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SUPPLEMENT IS INCLUDED IN THIS EDITION. FOR TRACK MAPS,
[Redacted] THE OAK REPORTS FOR THIS MISSION.
FOR THE FIRST THREE OAK SUPPLEMENT
REPORTS.

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Highlights

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HIGHLIGHTS

COMMENCING WITH THIS MISSION, GRID COORDINATES WILL BE OMITTED FROM THE PHOTO REFERENCE LINE ON KH-7 MISSIONS, EXCEPT ON NEW TARGETS.

AS A RESULT OF A STEREO MIRROR MALFUNCTION (AFTER PASS 14, ALL SUCCEEDING COVERAGE WAS IN A NON-STEREO MODE.

1. AKHTUBINSK SAM SITE A04-2 [Redacted]

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THE CENTRAL GUIDANCE AREA CONTAINS A FENCED, UNIDENTIFIED OBJECT WHICH IS UNFAMILIAR TO CENTRAL GUIDANCE AREAS OF OPERATIONAL SAM SITES.

2. NEW-TYPE MISSILES, USSR

A NEW-TYPE MISSILE IS OBSERVED FOR THE FIRST TIME AT ASTRAKHAN SAM SITE A34-2, [Redacted] AND AT MINGECHAUR SAM SITE B20-2, [Redacted] APPROXIMATELY 340 NM SSW OF THE ASTRAKHAN SITE.

A NEW-TYPE MISSILE, SOMEWHAT SIMILAR TO THESE, IS ALSO OBSERVED AT THE MINGECHAUR SAM SUPPORT FACILITY (NO COMOR).

STATUS OF COMOR TARGET READOUT

THIS SUPPLEMENT REPORTS ON 46 COMOR TARGETS AND 5 NON-COMOR AND BONUS TARGETS.

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Missiles

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MISSILES

PAKANBARU SAM SEARCH

ID 0032N 10127E

APPROXIMATELY 60 PERCENT OF THE 25-NM AREA IS COVERED ON POOR PHOTOGRAPHY. NO SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

[REDACTED]

AKHTUBINSK SAM SITE A03-2

UR 4822N 04613E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED MISSILE-HOLD POSITIONS, ALL UNOCCUPIED.

[REDACTED]

AKHTUBINSK SAM SITE A04-2

UR 4824N 04615E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS. ON PASS [REDACTED] 2 ARE OCCUPIED BY MISSILES ON LAUNCHERS, 3 BY LAUNCHERS ONLY, AND ONE BY A LAUNCHER AND A MISSILE ON TRANSPORTER. THE CENTRAL GUIDANCE AREA CONTAINS A FAN SONG RADAR, 5 VANS, 1 VEHICLE/PIECE OF EQUIPMENT, AND A FENCED, UNIDENTIFIED OBJECT WHICH IS UNFAMILIAR TO CENTRAL GUIDANCE AREAS OF OPERATIONAL SAM SITES. TWO OF THE 3 REVETTED MISSILE-HOLD POSITIONS ARE OCCUPIED BY MISSILES ON TRANSPORTERS. A PROBABLE ACQUISITION RADAR POSITION IS APPROXIMATELY 1,000 FT NORTH OF THE LAUNCH AREA. A MERCURY GRASS COMMUNICATION FACILITY IS APPROXIMATELY 400 FT SE OF THE LAUNCH AREA.

ON PASS [REDACTED] 3 POSITIONS ARE OCCUPIED BY LAUNCHERS AND 3 BY MISSILES ON LAUNCHERS. THE CENTRAL GUIDANCE AREA CONTAINS A FAN SONG RADAR, 4 VANS, AND AN UNIDENTIFIED OBJECT. TWO OF THE MISSILE-HOLD POSITIONS EACH HAVE 2 MISSILES ON TRANSPORTERS. ONE MISSILE-HOLD POSITION CONTAINS AN UNIDENTIFIED OBJECT.

(SEE ATTACHMENT)

[REDACTED]

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ASTRAKHAN SAM SITE A34-2

UR 4628N 04757E

THREE POSITIONS ARE OCCUPIED BY NEW-TYPE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY (ONE NET COVERED), AND 1 BY A CANVAS-COVERED LAUNCHER. A CANVAS-COVERED MISSILE TRANSPORTER IS PARKED IN ONE OF THE HOLD POSITIONS. THE CENTRAL GUIDANCE AREA HAS A FAN SONG RADAR AND 5 VANS.

THE SITE IS APPROXIMATELY 340 NM NNE OF MINGECHAUR WHERE NEW-TYPE MISSILES ARE OBSERVED AT MINGECHAUR SAM SITE B20-2.

TWO AREAS OF CONSTRUCTION, NOT PRESENT ON [REDACTED] [REDACTED] ARE APPROXIMATELY 2,500 FT SE AND EAST OF THE SITE.

THE AREA EAST OF THE SITE CONTAINS ONE BUILDING IN A LATE STAGE OF CONSTRUCTION, ONE BUILDING IN AN EARLY STAGE OF CONSTRUCTION, ONE LARGE BUILDING FOUNDATION, AND 3 RAIL-MOUNTED CRANES.

THE AREA SE OF THE SITE CONTAINS 3 BUILDINGS WITH EXTERIORS APPEARING COMPLETE AND 3 BUILDING FOUNDATIONS. CONCRETE APRONS ARE BEING CONSTRUCTED AROUND THE PERIMETER ROADS.

(SEE ATTACHMENT)

ASTRAKHAN SAM SITE B23-2

UR 4611N 04747E

TWO POSITIONS ARE COVERED, BOTH UNOCCUPIED.

BREST SAM SITE A03-2

UR 5213N 02349E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 4 CANVAS-COVERED, 1 WITH MISSILE ON LAUNCHER, AND 1 WITH LAUNCHER ONLY. THE GUIDANCE AREA CONTAINS A PROBABLE FAN SONG RADAR, 4 VANS, AND A SMALL STRUCTURE.

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BREST SAM SITE A11-2

UR 5203N 02353E

ALL POSITIONS ARE OCCUPIED.

[REDACTED]

CHERNYAKHOVSK SAM SITE B16-2

UR 5424N 02202E

OCCUPANCY OF THE LAUNCH POSITIONS AND THE CENTRAL GUIDANCE AREA IS UNDETERMINED. ONE MISSILE-HOLD POSITION IS OCCUPIED BY A CANVAS-COVERED MISSILE ON TRANSPORTER. THE OTHER MISSILE-HOLD POSITION IS UNOCCUPIED.

[REDACTED]

CHIKISHLYAR SUSPECT SAM SITE

UR 3734N 05355E

THE AREA CANNOT BE PLOTTED DUE TO LACK OF GROUND DETAIL ON PHOTOGRAPHY AND MAP. THE ENTIRE FRAME WAS SEARCHED, WITH NO EVIDENCE OF SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

[REDACTED]

GORKIY SAM SITE B01-2

UR 5631N 04400E

SITE CONTAINS 6 LAUNCH POSITIONS, 2 OCCUPIED BY LAUNCHERS ONLY, 1 BY A MISSILE ON A LAUNCHER, AND 3 COVERED, OCCUPANCY UNDETERMINED. THE CENTRAL GUIDANCE AREA CONTAINS A FAN SONG RADAR AND CAMOUFLAGED REVETMENTS. A MISSILE ON A TRANSPORTER IS OBSERVED ENTERING ONE OF THE 3 COVERED MISSILE-HOLD POSITIONS ON

[REDACTED]

[REDACTED]

KAPUSTIN YAR MSL TEST CTR SAM SITE B09-2 UR 4842N 04616E

SITE CONTAINS 6 REVETTED, UNOCCUPIED LAUNCH POSITIONS. THE CENTRAL GUIDANCE AREA IS PROBABLY OCCUPIED BY UNIDENTIFIED PIECES OF EQUIPMENT. THE 3 REVETTED MISSILE-HOLD POSITIONS ARE UNOCCUPIED.

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[REDACTED]

KHABAROVSK SAM SITE A36-2

UR 4835N 13509E

RENETTING AND OCCUPANCY OF 6 LAUNCH POSITIONS AND CENTRAL GUIDANCE AREA ARE UNDETERMINED.

[REDACTED]

KOMSOMOLSK SAM SITE B04-2

UR 5042N 13710E

SITE CONTAINS 6 RENETTED LAUNCH POSITIONS, POSSIBLY OCCUPIED BY LAUNCHERS. THE CENTRAL GUIDANCE AREA IS PROBABLY OCCUPIED AND PROBABLY RENETTED.

[REDACTED]

KURESSAARE SAM SITE A32-2

UR 5819N 02219E

SIX RENETTED LAUNCH POSITIONS AND A RENETTED GUIDANCE AREA, ALL OCCUPIED, ARE OBSERVED ON [REDACTED] ONLY 2 POSITIONS ARE COVERED ON [REDACTED], BOTH RENETTED AND OCCUPIED. ONE MISSILE-HOLD POSITION IS RENETTED AND OCCUPIED BY 2 TRANSPORTERS WITH MISSILES.

[REDACTED]

LENINGRAD SAM ASSEMBLY & STORAGE FAC 3

UR 5935N 03044E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

MAKHACHKALA SAM SITE A14-2

UR 4256N 04734E

IDENTIFICATION ONLY.

[REDACTED]

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MINGECHAUR SAM SITE B20-2

UR 4034N 04659E

TWO POSITIONS ARE OCCUPIED BY NEW-TYPE MISSILES ON LAUNCHERS, 2 BY LAUNCHERS WITHOUT MISSILES, AND 1 BY A LAUNCHER WITH TRANSPORTER ADJACENT. ONE POSITION IS UNOCCUPIED. THE CENTRAL GUIDANCE AREA CONTAINS A PROBABLE VAN AND 2 UNIDENTIFIED OBJECTS.

THE SITE IS LOCATED APPROXIMATELY 340 NM SSW OF ASTRAKHAN WHERE NEW-TYPE MISSILES ARE OBSERVED AT ASTRAKHAN SAM SITE A34-2.

(SEE ATTACHMENT)

[REDACTED]

25X

MYS SHIPUNSKIY SAM SITE B31-2

UR 5312N 15946E

SITE CONTAINS 6 LAUNCH POSITIONS, 4 OCCUPIED BY MISSILES AND LAUNCHERS AND 2 BY LAUNCHERS ONLY. THE CENTRAL GUIDANCE AREA IS OCCUPIED BY A FAN SONG RADAR AND 6 VANS.

[REDACTED]

NALCHIK SAM SITE A17-2

UR 4319N 04340E

IDENTIFICATION ONLY.

[REDACTED]

OCHAMCHIRE SAM SITE A09-2

UR 4242N 04132E

IDENTIFICATION ONLY.

[REDACTED]

OLGA SAM SITE A05-2

UR 4347N 13521E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, ONE OCCUPIED BY A MISSILE ON A LAUNCHER, 3 BY LAUNCHERS ONLY, AND 2 UNOCCUPIED. THE REVETTED CENTRAL GUIDANCE AREA IS OCCUPIED BY A PROBABLE FAN SONG RADAR. ON-SITE SUPPORT CONSISTS OF 2 SMALL BUILDINGS. THREE EMPTY MISSILE TRANSPORTERS, 3 CANVAS-COVERED MISSILE TRANSPORTERS, 5

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[Redacted]

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WHEELED PRIME MOVERS, 5 RADAR SUPPORT VANS, SEVERAL
PIECES OF EQUIPMENT, AND 4 SETS OF MISSILE LAUNCHER
BOGIE WHEELS OBSERVED IN THE AREA.

[Redacted]

25X

OLGA SAM SITE B04-2

UR 4358N 13531E

[Redacted]

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 3 OCCUPIED
BY MISSILES ON LAUNCHERS AND 3 BY LAUNCHERS ONLY. THE
CENTRAL GUIDANCE AREA IS REVETTED AND OCCUPIED BY A
BUILDING, A PROBABLE FAN SONG RADAR, AND A
VEHICLE/PIECE OF EQUIPMENT. ON-SITE SUPPORT CONSISTS
OF 10 LARGE BUILDINGS AND 6 OTHER BUILDINGS. ONE
MISSILE TRANSPORTER WITH A MISSILE IS OBSERVED.

[Redacted]

25X

OMSK SAM SITE A13-2

UR 5454N 07332E

SITE IS UNOCCUPIED.

[Redacted]

[Large vertical redacted area]

OMSK SAM SITE B09-2

UR 5459N 07341E

SITE IS POSSIBLY OCCUPIED.

[Redacted]

OZERSK SAM SITE A10-3

UR 5424N 02202E

IDENTIFICATION ONLY.

[Redacted]

PENZA SAM SITE B16-2

UR 5301N 04510E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A
REVETTED CENTRAL GUIDANCE AREA, OCCUPANCY UNDETERMINED.

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PETROPAVLOVSK SAM SITE A21-3

UR 5256N 15833E

SITE CONTAINS 4 REVETTED LAUNCH POSITIONS WITH 8 MISSILES ON LAUNCHERS. THE CENTRAL GUIDANCE AREA IS OCCUPIED.

[Redacted]

PORONAYSK SAM SITE A30-2

UR 4916N 14254E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA, ALL OCCUPIED.

[Redacted]

PORONAYSK SAM SITE B32-2

UR 4924N 14252E

SITE CONTAINS 6 LAUNCH POSITIONS AND A CENTRAL GUIDANCE AREA, ALL REVETTED AND OCCUPIED.

[Redacted]

SAROVA SAM SITE B17-2

UR 5445N 04325E

SITE CONTAINS 6 LAUNCH POSITIONS, 5 OCCUPIED BY MISSILES ON LAUNCHERS AND ONE BY A LAUNCHER ONLY. THE CENTRAL GUIDANCE AREA IS OCCUPIED BY A FAN SONG RADAR. THE VAN REVETMENTS ARE COVERED AND OCCUPANCY IS UNDETERMINED. ONE REVETTED, UNOCCUPIED MISSILE-HOLD POSITION IS OBSERVED. A POSSIBLE ACQUISITION RADAR POSITION IS IN THE SE CORNER OF THE LAUNCH AREA.

[Redacted]

25X

TALLINN SAM SITE A30-2

UR 5927N 02427E

SITE IS OCCUPIED ON PASSES 42D AND 58D, 4 POSITIONS BY MISSILES ON LAUNCHERS AND 2 BY LAUNCHERS ONLY. THE CENTRAL GUIDANCE AREA CONTAINS A PROBABLE FAN SONG RADAR AND 5 VANS. ALL 3 MISSILE-HOLD POSITIONS ARE OCCUPIED, 2 POSITIONS BY MISSILES ON TRANSPORTERS AND THE OTHER BY VEHICLES/PIECES OF EQUIPMENT. A LARGE ASSOCIATED REVETMENT ADJACENT TO ONE OF THE

[Redacted]

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MISSILE-HOLD POSITIONS AND THE RING ROAD IS OCCUPIED BY A MISSILE ON A TRANSPORTER AND A POSSIBLE TRANSPORTER.

THREE LAUNCH POSITIONS ARE COVERED ON PASS [REDACTED] REVETTING AND OCCUPANCY UNDETERMINED.

[REDACTED]

TALLINN SAM SITE B27-2

UR 5921N 02408E

ONE LAUNCH POSITION IS OBSERVED ON PASS [REDACTED] OCCUPANCY UNDETERMINED. THE CENTRAL GUIDANCE AREA IS CLOUD COVERED. ONE MISSILE-HOLD POSITION WITH 2 CANVAS-COVERED MISSILES ON TRANSPORTERS OBSERVED.

THREE LAUNCH POSITIONS ARE OBSERVED ON PASS [REDACTED] REVETTING AND OCCUPANCY UNDETERMINED.

[REDACTED]

TBILISI SAM SITE A32-2

UR 4147N 04442E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, EACH OCCUPIED BY A LAUNCHER ONLY. THE CENTRAL GUIDANCE AREA IS REVETTED AND CONTAINS A POSSIBLE RADAR AND 3 VANS.

[REDACTED]

TBILISI SAM SITE B08-2

UR 4146N 04502E

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[REDACTED]

TBILISI SAM SITE B15-2

UR 4131N 04458E

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TYURATAM MSL TEST CENTER SAM SITE B26C-2 UR 4551N 06302E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA, ALL OCCUPIED.

ALTERNATE SITES A AND D ARE UNOCCUPIED.

ALTERNATE SITE B IS UNOCCUPIED BUT HAS A TRANSPORTER ON THE RING ROAD ON PASS [REDACTED] NO TRANSPORTER OBSERVED ON PASS [REDACTED]

JUST EAST OF ALTERNATE SITE B IS A PARKING AREA WITH 5 PROBABLE TRANSPORTERS, 6 SETS OF BOGIE WHEELS, 4 VANS, AND SEVERAL UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.

[REDACTED]

ULAN-UDE SAM SITE B13-2

UR 5143N 10753E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, POSSIBLY OCCUPIED. THE REVETTED CENTRAL GUIDANCE AREA IS PROBABLY OCCUPIED.

[REDACTED]

VLADIVOSTOK SUSPECT SAM SITE A07-2

UR 4307N 13202E

NO SAM SITE OBSERVED AT THESE COORDINATES.

[REDACTED]

VLADIVOSTOK SAM SITE A19-2

UR 4258N 13155E

SITE CONTAINS 6 LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS. THE CENTRAL GUIDANCE AREA IS OCCUPIED.

[REDACTED]

VLADIVOSTOK SAM SITE A24-2

UR 4302N 13149E

SITE IS NOT OCCUPIED.

[REDACTED]

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VLADIVOSTOK SAM SITE A07-3

UR 4307N 13202E

ALL LAUNCH POSITIONS ARE OCCUPIED, 2 BY MISSILES AND LAUNCHERS AND 2 BY LAUNCHERS ONLY. THE CENTRAL GUIDANCE AREA IS OCCUPIED.

[Redacted]

VLADIVOSTOK SAM SITE A19-3

UR 4258N 13154E

ALL LAUNCH POSITIONS ARE OCCUPIED, 2 BY MISSILES AND LAUNCHERS AND 2 BY LAUNCHERS ONLY. THE CENTRAL GUIDANCE AREA IS OCCUPIED.

[Redacted]

VOLSK SAM SITE A17-2

UR 5154N 04726E

SITE CONTAINS 6 REVETTED POSITIONS, 2 OCCUPIED BY MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, 1 BY A LAUNCHER WITH A TRANSPORTER ADJACENT TO IT, AND 1 UNOCCUPIED. THE CENTRAL GUIDANCE AREA CONTAINS 1 FAN SONG RADAR AND 3 UNIDENTIFIED OBJECTS.

[Redacted]

YEREVAN SAM SITE C29-2

UR 4016N 04403E

SITE IS UNOCCUPIED.

[Redacted]

YOSHKAR-OLA ICBM COMPLEX SAM SITE B18-2

UR 5623N 04814E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 2 OCCUPIED BY MISSILES ON LAUNCHERS, 2 BY LAUNCHERS ONLY, AND 2 BY MISSILES ON TRANSPORTERS. THE CENTRAL GUIDANCE AREA IS REVETTED AND APPROXIMATELY ONE-HALF OF THE AREA IS COVERED. A FAN SONG RADAR, 6 VANS, AND AN UNIDENTIFIED OBJECT ARE OBSERVED IN THE UNCOVERED PORTION. THE 3 MISSILE-HOLD POSITIONS ARE REVETTED AND UNOCCUPIED. SEVEN BUILDINGS (PROBABLY ENVIRONMENTAL SHELTERS) ARE OBSERVED, 1 IN THE CENTRAL GUIDANCE AREA AND 1 ADJACENT TO EACH OF THE 6 LAUNCH POSITIONS.

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YURVA ICBM COMPLEX SAM SITE B04-2

UR 5922N 04943E

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MINGECHAUR SAM SUPPORT FACILITY

UR 4045N 04700E NO COMOR

2.5 NM SW OF MINGECHAUR.
COMPLETED TYPE I SAM SUPPORT FACILITY.

A NEW-TYPE MISSILE ON A TRANSPORTER IS IN THE VEHICLE
AREA IMMEDIATELY NORTH OF THE SUPPORT THE MISSILE IS
SOMEWHAT SIMILAR TO THE NEWLY
IDENTIFIED MISSILES AT ASTRAKAN SAM SITE A34-2 AND
MINGECHAUR SAM SITE B20-2.

(SEE ATTACHMENT)

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**Air
Facilities**

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[Redacted]

AIR FACILITIES

KLINTSY AIRFIELD

UR 5246N 03216E BONUS 1

1 NM NE OF KLINTSY.

A PROBABLE SOD LANDING AREA OF UNDETERMINED SIZE IS ALMOST COMPLETELY CLOUD COVERED.

A SMALL SUPPORT AREA IS LOCATED ON THE SOUTH SIDE OF THE FIELD.

OB -- 1 SMALL STRAIGHT-WING.

[Redacted]

KIROVOGRAD/GRUZKOYE AIRFIELD

UR 4830N 03207E BONUS 2

3.5 NM SE OF GRUZKOYE.

APPROXIMATELY 3,700 X 3,800 FT SERVICEABLE SOD LANDING AREA. A LANDING TEE IS LOCATED IN THE SE CORNER OF THE LANDING AREA.

SUPPORT FACILITIES CONSIST OF 3 SMALL BUILDINGS IMMEDIATELY NORTH OF THE FIELD.

OB -- 2 COLT.

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[Redacted]

**Electronics/
Communications**

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ELECTRONICS/COMMUNICATIONS

YEVLAKH PROBABLE MICROWAVE FACILITY UR 4037N 04700E BONUS 1

6.5 NM WEST OF YEVLAKH.
SECURED FACILITY CONTAINS 1 PROBABLE MICROWAVE TOWER
WITH AT LEAST 4 PROBABLE MICROWAVE ELEMENTS, 1 LARGE
PROBABLE CONTROL BUILDING, 2 SMALL SUPPORT BUILDINGS, 2
PROBABLE HORIZONTAL FUEL STORAGE TANKS, AND 3 VEHICLES.

UFA RADIO BROADCAST STATION UR 5445N 05602E BONUS 2

3 NM NE OF UFA.
SECURED FACILITY CONTAINS 2 MF HORIZONTAL RADIATORS
SUPPORTED BY 4 TOWERS, 1 TRANSMITTING BUILDING, AND
APPROXIMATELY 20 OTHER SUPPORT BUILDINGS.

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INDEX OF TARGETS

COMOR	INSTALLATION NAME	CTY	COORDINATES	PT
	PARAUL IRBM LAUNCH SITE	UR	4247N 04723E	1
	SHIRVANSKAYA MRBM LAUNCH SITE	UR	4425N 03954E	1
	MAYKOP FIXED FIELD MRBM SITE	UR	4432N 03957E	1
	SKRUNDA IRBM LAUNCH SITE	UR	5635N 02149E	1
	VAINODE IRBM LAUNCH SITE	UR	5628N 02150E	1
	KLOOSTRI FIXED FIELD MRBM SITE 1	UR	5913N 02403E	1
	ZEMAICIU KALVARIJA MRBM LAUNCH SITE	UR	5601N 02153E	1
	BAYKONUR FIELD LAUNCH POINT	UR	4713N 06518E	2
	COLOMB-BECHAR MISSILE TEST SITE LEGER	AG	3139N 00216W	1
	GORKIY ARMT PLT NOVOYE SORMOVO/STALIN 92	UR	5620N 04354E	1
	OMSK AIRCRAFT ENGINE PLANT BARANOVA 29	UR	5457N 07326E	1
	UFA AIRCRAFT ENGINE PLANT B-26	UR	5447N 05604E	1
	VORONEZH ROCKET ENGINE TEST FACILITY	UR	5134N 03908E	2
	UFA STATIC TEST FACILITY	UR	5459N 05604E	1
	[REDACTED]			
	CAP ROSA SUSPECT SSM SEARCH	AG	3657N 00814E	1
	NEMOURS SUSPECT SSM SEARCH	AG	3506N 00151W	1
	[REDACTED]			
	YASASHNAYA TASHLA PROB MSL-ASSOCIATED FAC	UR	5352N 04826E	1
	TAI-YUAN SAM SEARCH AREA	CH	3759N 11232E	3
	ALGER SUSPECT SAM DEFENSE AREA	AG	3647N 00303E	3
	KHARMANLI SAM SITE A33-2	BU	4158N 02550E	2
	AL ISKANDARIYAH SAM SITE B24-2	EG	3105N 02943E	3
	[REDACTED]			
	PAKANBARU SAM SEARCH	ID	0032N 10127E	4
	CHORZOW SAM SITE B01-2	PO	5033N 01901E	2
	ORZYSZ SAM SITE A14-2	PO	5343N 02204E	1
	BUCURESTI SAM SITE B19-2	RU	4407N 02603E	2
	AKHTUBINSK SAM SITE A03-2	UR	4822N 04613E	4
	AKHTUBINSK SAM SITE A04-2	UR	4824N 04615E	4
	ASTRAKHAN SAM SITE A34-2	UR	4628N 04757E	4
	ASTRAKHAN SAM SITE B23-2	UR	4611N 04747E	4
	BOBRUYSK SAM SITE A27-2	UR	5308N 02908E	2
	BREST SAM SITE A03-2	UR	5213N 02349E	4
	BREST SAM SITE A11-2	UR	5203N 02353E	4
	CHELYABINSK SAM SITE B17-2	UR	5453N 06134E	3
	CHELYABINSK SAM SITE B20-2	UR	5454N 06116E	3
	CHERNYAKHOVSK SAM SITE B16-2	UR	5424N 02202E	4
	CHIKISHLYAR SUSPECT SAM SITE	UR	3734N 05355E	4

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DZHAMBUL SAM SITE B07-2	UR 4300N 07138E 2
GORKIY SAM SITE B01-2	UR 5631N 04400E 4
KALINKOVICHI SAM SITE A16-2	UR 5206N 02920E 2
KALINKOVICHI SAM SITE A17-2	UR 5206N 02919E 2
KAMENSK-SHAKHTINSKIY SAM SITE A19-2	UR 4810N 04014E 3
KAPUSTIN YAR MSL TEST CTR SAM SITE B09-2	UR 4842N 04616E 4
KHABAROVSK SAM SITE A36-2	UR 4835N 13509E 4
KIROVOGRAD SAM SITE B20-2	UR 4818N 03212E 3
KOMSOMOLSK SAM SITE B04-2	UR 5042N 13710E 4
KOTOVSK SAM SITE A11-2	UR 4744N 02937E 2
KURESSAARE SAM SITE A32-2	UR 5819N 02219E 4
LENINGRAD SAM SITE C14-2	UR 5939N 03052E 2
LENINGRAD SAM SITE C15-2	UR 5936N 03048E 2
LENINGRAD SAM SITE C16-2	UR 5933N 03041E 2
LENINGRAD SAM SITE C17-2	UR 5932N 03030E 2
LENINGRAD SAM ASSEMBLY & STORAGE FAC 3	UR 5935N 03044E 4
LIEPAJA SAM SITE A19-3	UR 5627N 02100E 3
LVOV SAM SITE B21-2	UR 4941N 02353E 2
LVOV SAM SITE B36-2	UR 5005N 02358E 2
MAKHACHKALA SAM SITE A14-2	UR 4256N 04734E 4
MALAYA SAZANKA SAM SITE C33-2	UR 5129N 12745E 2
MINGECHAUR SAM SITE B20-2	UR 4034N 04659E 4
MINSK SAM SITE A01-2	UR 5400N 02734E 2
MINSK SAM SITE A12-2	UR 5349N 02745E 2
MINSK SAM SITE A17-2	UR 5345N 02738E 2
MUKACHEVO SAM SITE B29-2	UR 4831N 02221E 2
MURMANSK SAM SITE A04-3	UR 6903N 03320E 2
MURMANSK SAM SITE C02-2	UR 6922N 03328E 2
MURMANSK SAM SITE C02-3	UR 6923N 03327E 2
MYS SHIPUNSKIY SAM SITE B31-2	UR 5312N 15946E 4
NALCHIK SAM SITE A17-2	UR 4319N 04340E 4
OCHAMCHIRE SAM SITE A09-2	UR 4242N 04132E 4
ODESSA SAM SITE B35-2	UR 4640N 03039E 2
ODESSA SAM SITE B35-3	UR 4639N 03040E 2
OLGA SAM SITE A05-2	UR 4347N 13521E 4
OLGA SAM SITE B04-2	UR 4358N 13531E 4
OLOVYANNAYA SAM SITE C03-2	UR 5119N 11554E 2
OMSK SAM SITE A13-2	UR 5454N 07332E 4
OMSK SAM SITE B09-2	UR 5459N 07341E 4
OMSK SAM SITE B17-2	UR 5446N 07328E 3
OZERSK SAM SITE A10-3	UR 5424N 02202E 4
PENZA SAM SITE B16-2	UR 5301N 04510E 4
PETROPAVLOVSK SAM SITE A18-2	UR 5254N 15841E 3
PETROPAVLOVSK SAM SITE B21-2	UR 5245N 15829E 3
PETROPAVLOVSK SAM SITE A21-3	UR 5256N 15833E 4
PETROPAVLOVSK SAM SITE A31-3	UR 5307N 15827E 3
PETROZAVODSK SAM SITE A28-2	UR 6148N 03402E 3
PETROZAVODSK SAM SITE B01-2	UR 6159N 03424E 3
PORONAYSK SAM SITE A30-2	UR 4916N 14254E 4

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PORONAYSK SAM SITE B32-2	UR 4924N 14252E 4
PRILUKI SAM SITE A25-2	UR 5034N 03220E 2
PRILUKI SAM SITE B18-2	UR 5023N 03225E 2
RIGA SAM SITE B03-2	UR 5705N 02413E 2
SAROVA SAM SITE B06-2	UR 5502N 04334E 3
SAROVA SAM SITE B17-2	UR 5445N 04325E 4
SARY-SHAGAN AMM TEST CENTER SAM SITE B21-2	UR 4559N 07233E 3
SLUTSK SAM SITE B36-2	UR 5313N 02731E 2
SMOLENSK SAM SITE A24-2	UR 5444N 03155E 3
SMOLENSK SAM SITE A33-2	UR 5451N 03157E 3
SOVETSK MRBM COMPLEX SAM SITE B09-3	UR 5501N 02159E 3
TALLINN SAM SITE A30-2	UR 5927N 02427E 4
TALLINN SAM SITE B27-2	UR 5921N 02408E 4
TBILISI SAM SITE A32-2	UR 4147N 04442E 4
TBILISI SAM SITE B08-2	UR 4146N 04502E 4
TBILISI SAM SITE B15-2	UR 4131N 04458E 4
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UGOLNYY MRBM COMPLEX SAM SITE A18-2	UR 6438N 17800E 2
UGOLNYY MRBM COMPLEX SAM SITE A25-2	UR 6443N 17740E 2
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USSURIYSK SAM SITE A04-3	UR 4352N 13202E 3
VENTSPILS SAM SITE A23-2	UR 5722N 02131E 3
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VLADIVOSTOK SAM SITE A19-2	UR 4258N 13155E 4
VLADIVOSTOK SAM SITE A24-2	UR 4302N 13149E 4
VLADIVOSTOK SAM SITE A07-3	UR 4307N 13202E 4
VLADIVOSTOK SAM SITE A19-3	UR 4258N 13154E 4
VOLSK SAM SITE A17-2	UR 5154N 04726E 4
VORONEZH SAM SITE B01-2	UR 5151N 03914E 3
YEREVAN SAM SITE C29-2	UR 4016N 04403E 4
YOSHKAR-OLA ICBM COMPLEX SAM SITE B18-2	UR 5623N 04814E 4
YURYA ICBM COMPLEX SAM SITE B04-2	UR 5922N 04943E 4
ZHITOMIR SAM SITE A20-2	UR 5012N 02839E 2
ZHITOMIR SAM SITE A31-2	UR 5016N 02837E 2
SUROVATIKHA REGIONAL MILITARY STOR INSTLN	UR 5543N 04354E 1

KALIDJATI MISSILE TRAINING CENTER	ID 0633S 10740E 2
SVOBODNYY ICBM RAIL-TO-ROAD TRANSFER PT	UR 5146N 12808E 1
SAN PEDRO DE CACOCUM SAM SITE 2	CU 2045N 07615W 2
MINGECHAUR SAM SUPPORT FACILITY	UR 4045N 04700E 4
CHERKASSY SAM SUPPORT FACILITY	UR 4934N 03202E 1
CHERKASSY SAM SITE	UR 4934N 03202E 1
BIYSK SAM SITE	UR 5245N 08506E 2

PITU AIRFIELD	ID 0202N 12819E 1
PRILUKI AIRFIELD	UR 5034N 03219E 2

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ABDULRACHMAN SALEH AIRFIELD	ID 0755S 11242E 1
HUSEIN SASTRANEGARA AIRFIELD	ID 0654S 10734E 1
ISWAHJUDI AIRFIELD	ID 0736S 11126E 1
DJUANDA NAVAL AIR STATION	ID 0722S 11244E 1
OMSK AIRCRAFT PLANT 166	UR 5458N 07326E 1
GORKIY/SORMOVO AIRFIELD	UR 5619N 04348E 1
GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21	UR 5620N 04352E 1
KOMSOMOLSK AIRFRAME PLT ORDZHONIKIDZE 126	UR 5036N 13705E 1
ULAN-UDE AIRCRAFT ASSEMBLY PLANT 99	UR 5151N 10744E 1
HOLGUIN AIRFIELD	CU 2047N 07618W 1
KRASNY KUT AIRFIELD	UR 4431N 13250E 1
WOLTER MONGONSIDI AIRFIELD	ID 0405S 12225E 1
PENFUI AIRFIELD	ID 1010S 12339E 1
TALANGBETUTU AIRFIELD	ID 0253S 10442E 1
PERAK NAVAL AIR STATION	ID 0713S 11243E 1
HABBANIYAH AIRFIELD	IQ 3322N 04334E 2
AL MAWSIL AIRFIELD	IQ 3618N 04308E 1
HABBANIYAH PLATEAU AIRFIELD	IQ 3320N 04335E 1
AL HUDAYDAH AIRFIELD	YE 1449N 04257E 1
SADAH AIRFIELD NEW	YE 1700N 04343E 1
ASTRAKHAN AIRFIELD NORTHWEST	UR 4623N 04754E 1
ASTRAKHAN AIRFIELD	UR 4617N 04800E 1
VASALEMMA AIRFIELD	UR 5916N 02412E 1
MURMANSK AIRFIELD NORTHEAST	UR 6901N 03318E 2
KECSKEMET AIRFIELD	HU 4655N 01945E 1
SMIRNYKH AIRFIELD	UR 4944N 14252E 1
TBILISI/VAZIANI AIRFIELD	UR 4138N 04502E 1
WROCLAW/STRACHOWICE AIRFIELD	PO 5106N 01653E 1
ROSTOV AIRFIELD NORTHWEST	UR 4716N 03938E 2
TBILISI/MARNEULI AIRFIELD	UR 4128N 04447E 1
TIRASPOL AIRFIELD	UR 4652N 02936E 2
BULUTUMBANG AIRFIELD	ID 0245S 10746E 1
KAUNAS AIRFIELD	UR 5453N 02353E 1
LVOV/SKNILOV AIRFIELD	UR 4949N 02356E 1
RIGA/SPILVE AIRFIELD	UR 5659N 02404E 2
ODESSA AIRFIELD CENTRAL	UR 4626N 03040E 2
ODESSA/FONTAN AIRFIELD	UR 4625N 03042E 2
TBILISI/ORKHEVI AIRFIELD	UR 4140N 04457E 1
BEREZA AIRFIELD	UR 5233N 02454E 1
VOSKRESENKA AIRFIELD	UR 4434N 13243E 1
VINNITSA AIRFIELD	UR 4913N 02833E 2
SMOLENSK AIRFIELD	UR 5449N 03201E 2
ROSTOV AIRFIELD EAST	UR 4715N 03948E 2
PANEVEZYS AIRFIELD	UR 5544N 02428E 1
PETROZAVODSK AIRFIELD NORTHWEST	UR 6153N 03408E 2
NEBIT-DAG AIRFIELD	UR 3928N 05421E 1

KUPINO AIRFIELD

UR 5421N 07722E 1

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KHABAROVSK AIRFIELD	UR 4828N 13509E 1
RZHEV AIRFIELD	UR 5615N 03424E 2
RIGA AIRFIELD WEST	UR 5656N 02358E 1
H-3 AIRFIELD	IQ 3256N 03944E 2
LEONIDOVO AIRFIELD	UR 4915N 14255E 1
AL HUDAYDAH AIRFIELD NEW	YE 1445N 04258E 1
SREDNIY AIRFIELD	UR 7930N 09110E 1
OSTROV VRANGELYA/SOMNITELNAYA AIRFIELD	UR 7057N 17936W 1
PAKANBARU AIRFIELD	ID 0028N 10126E 1
KANSK AIRFIELD	UR 5610N 09541E 1
SALISBURY AIRFIELD	RZ 1755S 03106E 2
CAPRIVI STRIP AIRFIELD	UA 1738S 02414E 2
AVDEYEVKA AIRFIELD	UR 4510N 13320E 1
CHELYABINSK AIRFIELD	UR 5512N 06121E 1
DOMNA AIRFIELD	UR 5155N 11308E 2
VORONEZH AIRFIELD SOUTHWEST	UR 5137N 03908E 2
VORONEZH AIRFIELD EAST	UR 5139N 03916E 2
SAROVA AIRFIELD	UR 5457N 04319E 2
SPASSK-DALNIY AIRFIELD	UR 4435N 13251E 2
MIKHAYLOVKA AIRFIELD SOUTH	UR 4354N 13202E 2
TAI-YUAN AIRFIELD SOUTH	CH 3745N 11237E 2
TAI-YUAN AIRFIELD	CH 3747N 11234E 2
CHANG-KO AIRFIELD	CH 3412N 11348E 2
PRILUKI ASM FACILITY	UR 5034N 03219E 3
KLINTSY AIRFIELD	UR 5246N 03216E 4
KIROVOGRAD/GRUZKOYE AIRFIELD	UR 4830N 03207E 4
LENINABAD URANIUM ORE CONCENTRATION PLANT	UR 4014N 06941E 1
NAVOI CHEMICAL COMBINE	UR 4005N 06522E 1

SURABAJA NAVAL BASE AND SHIPYARD	ID 0712S 11244E 2
SANTIAGO DE CUBA NAVAL BASE AND PORT	CU 2001N 07550W 2
DOLGAYA NAVAL BASE	UR 6915N 03350E 2
AL ISKANDARIYAH PORT FACILITIES	EG 3111N 02952E 2
AL HUDAYAH PORT FACILITIES	YE 1450N 04257E 2
TIVAT NAVAL BASE AND SHIPYARD	YU 4226N 01842E 1
OCHAMCHIRE NAVAL BASE	UR 4244N 04125E 1
KUANG-CHOU PORT FACILITIES	CH 2306N 11314E 2
PETROPAVLOVSK COMPLEX	UR 5301N 15842E 2
ASTRAKHAN NAVAL BASE	UR 4610N 04755E 3
VOLSK/SHIKHANY AMMO AND PROD FACILITY	UR 5207N 04712E 1
VOLSK/SHIKHANY FIELD TEST AREA	UR 5202N 04702E 1
VOLSK/SHIKHANY OPERATIONS SUPPORT COMPLEX	UR 5206N 04709E 1

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STARAYA KUKA AMMUNITION DEPOT SOUTHWEST	UR	5145N	11302E	1
AMBOINA ISLAND SUSPECT SPACE TRACK FAC	ID	0340S	12810E	1
TYURATAM INSTRUMENTATION FACILITY 29	UR	4617N	06452E	1
OSTROV KILDIN GM RADAR FACILITY SEARCH	UR	6924N	03412E	1
PETROZAVODSK PROB HF COMMUNICATIONS FAC	UR	6152N	03412E	1

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RZHEV AIRFIELD ELECTRONICS FACILITY	UR	5618N	03418E	1
DALNYAYA TALL KING-AW RADAR FACILITY	UR	4553N	14205E	1
MALAYA NES PROB INSTRUMENTATION FACILITY	UR	6636N	04442E	1
KAPUSTIN YAR SAM INSTRUMENTATION FAC 10	UR	4858N	04616E	1
CHAGAN UZUN TALL KING FACILITY SEARCH	UR	4956N	08740E	1
KENA SKLAD TALL KING FACILITY SEARCH	UR	8059N	05817E	1
ORLOVKA TALL KING FACILITY SEARCH	UR	4300N	06950E	1
VERKHNIY INEGEN TALL KING FACILITY SEARCH	UR	5011N	08651E	1
KIHELKONNA TALL KING FACILITY SEARCH	UR	5821N	02202E	1
SARY-SHAGAN INSTRUMENTATION SITE 11	UR	4641N	07238E	1
SARY-SHAGAN INSTRUMENTATION SITE 3	UR	4538N	07236E	1
SARY-SHAGAN INSTRUMENTATION SITE 12	UR	4624N	07234E	1
SARY-SHAGAN INSTRUMENTATION SITE 14	UR	4707N	06910E	1
LENINGRAD SSE INNER RING AW RDR FACILITY	UR	5932N	03039E	1
KAMCHATKA PENINSULA MISSILE IMPACT AREA	UR	5617N	16312E	1
TYURATAM MTR-KAMCHATKA IMPACT COMM CENTER	UR	5616N	16048E	1
DASH-UYUK TALL KING FACILITY SEARCH	UR	3656N	06340E	1
UZHGOROD TALL KING-AW RADAR FACILITY	UR	4832N	02216E	1
URGENCH TALL KING FACILITY SEARCH	UR	4128N	06054E	1
BUCURESTI TALL KING FACILITY SEARCH	RU	4420N	02619E	1
KHODZHA BULAK TALL KING-AW RADAR FAC SRCH	UR	3635N	06034E	1
CHIKISHLYAR TALL KING-AW RADAR FACILITY	UR	3734N	05354E	1
MOZYR SRF PROB REGIONAL HQ FACILITY	UR	5205N	02906E	1
GORKIY COMMO EQP PLT LENIN 197 FRUNZE 326	UR	5615N	04358E	1
VORONEZH TALL KING-AD HQ RADAR FACILITY	UR	5134N	03917E	1
KUPINO TALL KING-AIR DEFENSE HQ RADAR FAC	UR	5422N	07721E	1
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LENINABAD POSSIBLE HFDF ANTENNA FACILITY	UR	4012N	06943E	3
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KULDIGA TV BROADCAST STATION	UR	5656N	02159E	2
LVOV RADIO BROADCAST STATION	UR	4953N	02406E	2
LVOV THICK EIGHT ANTENNA FACILITY	UR	4955N	02404E	2
HALENKOVICE RADIO BROADCAST STATION	CZ	4908N	01731E	2
MOZYR AIRFIELD AW RADAR FACILITY	UR	5201N	02908E	2
LIANG-HSIANG RADIO BROADCAST FACILITY 2	CH	3945N	11610E	2
KUANG-CHOU RADIO COMMO STATION SOUTH	CH	2306N	11315E	2
KUANG-CHOU MILITARY RADIO STATION	CH	2308N	11317E	2
KUANG-CHOU RADIO STATION NORTH	CH	2315N	11316E	2
NAN-NING RADIO BROADCASTING STATION	CH	2245N	10815E	2
PAVILOSTA AIR WARNING RADAR FACILITY	UR	5653N	02110E	3
OSTROV VRANGELYA TALL KING FACILITY	UR	7056N	17940W	3

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SMIRNYKH AIR WARNING RADAR FACILITY	UR 4947N 14250E 3
KOSTROMSKOYE TALL KING FACILITY	UR 4716N 14200E 3
YEVLAH PROBABLE MICROWAVE FACILITY	UR 4037N 04700E 4
UFA RADIO BROADCAST STATION	UR 5445N 05602E 4
KORCE ARMY BARRACKS SOUTH	AL 4037N 02046E 2
DDS CAMINOS MILITARY CAMP	CU 2014N 07547W 1
HOLGUIN MILITARY CAMP	CU 2053N 07613W 1

MARCALI ARMY BARRACKS 2	HU 4634N 01724E 2
NAGYATAD HO BARRACKS 3	HU 4613N 01721E 2
BUCURESTI ARMY BARRACKS SOUTHEAST	RU 4423N 02608E 3
RIMNICU SARAT ARMY BARRACKS & STOR DEPOT	RU 4524N 02703E 3
ALAKURTTI ARMY BARRACKS AL 1	UR 6658N 03020E 2
ANADYR ARMY BARRACKS LENINKA AL 2	UR 6444N 17741E 3
ASTRAKHAN ARMY BARRACKS	UR 4627N 04758E 3
AVCHALA ARMY BARRACKS TBILISI NORTH	UR 4147N 04449E 3
BALTA AMMUNITION STORAGE DEPOT	UR 4752N 02939E 1
BALTA ARMY BARRACKS AL 1	UR 4757N 02936E 1
BELTSY ARMY BARRACKS SOUTHWEST AL 1	UR 4746N 02756E 3
BELTSY ARMY BARRACKS AL 2	UR 4746N 02754E 3

BIYSK ARMY BARRACKS AL 1	UR 5234N 08513E 2
BOBRUYSK ARMY BARRACKS WEST AL 1	UR 5308N 02909E 1
GORKIY ARMY BARRACKS SOUTHEAST	UR 5617N 04359E 3
GORKIY ARMY BARRACKS OKHA RIVER EAST	UR 5618N 04358E 3
GUSEV ARMY BARRACKS NORTH AL 1	UR 5435N 02211E 2
KAMENSK-SHAKHTINSKIY ARMY BARRACKS SOUTH	UR 4819N 04015E 3
KEILA ARMY BARRACKS RR JUNCTION AL 1	UR 5918N 02423E 2
KEILA TRAINING AREA TA 1	UR 5919N 02423E 2
KHABAROVSK ARMY BARRACKS CENTRAL AL 19	UR 4829N 13503E 2
KHABAROVSK ARMY BKS BOGDANOVA SOUTH AL 20	UR 4831N 13503E 2
KHABAROVSK BKS AMUR RR BRIDGE EAST AL 11	UR 4832N 13503E 2
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KHABAROVSK SUP DPO KHABAROVSK PERVYY	UR 4829N 13505E 2
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KYVRAK ARMY BARRACKS SOUTHEAST AL 1	UR 3923N 04506E 3
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LEPEL ARMY TRAINING AREA NORTHEAST	UR 5456N 02854E 1
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LVOV QUARTERMASTER DEPOT	UR 4950N 02359E 2
MAKHACHKALA ARMY BARRACKS	UR 4259N 04730E 3
MINSK AMMUNITION DEPOT KANYUCHITSY	UR 5348N 02730E 3

SERAFIMOVKA ARMY BARRACKS AL 1	UR 4351N 13516E 3
OLGA BARRACKS NORTHEAST AL 1	UR 4347N 13520E 2
OMSK PROBABLE MILITARY AREA	UR 5455N 07327E 3

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KLOOGA ARMY BARRACKS WEST AL 1	UR 5919N 02413E 2
PECHENGA ARMY BKS OZERO KAAKKURIN AL 1	UR 6930N 03119E 2
PETROPAVLOVSK ARMY BARRACKS EAST AL 17	UR 5304N 15847E 2
PETROPAVLOVSK MILITARY SUPPLY DEPOT	UR 5303N 15843E 3
ODESSA ARMY BARRACKS PROTOPOPOVKA AL 11	UR 4636N 03046E 2
RIGA ARMY BARRACKS AL 4	UR 5659N 02409E 1
RIGA ARMY BARRACKS BOLDERAJA AL 11	UR 5702N 02403E 1
RIGA ARMY BARRACKS EAST AL 2	UR 5657N 02409E 2
RIGA ARMY BARRACKS NORTHEAST AL 1	UR 5659N 02411E 1
RIGA ARSENAL	UR 5653N 02404E 1
ROSTOV ARMY BARRACKS CENTRAL	UR 4713N 03943E 3
ROSTOV AMMUNITION STORAGE	UR 4719N 03937E 1
SEBUCHAR ARMY BARRACKS AL 1	UR 4548N 13340E 2
SHALUSHKA MILITARY BARRACKS	UR 4331N 04330E 3
SHAUMYANI MILITARY INSTALLATION	UR 4119N 04445E 3
SMIRNYKH ARMY BARRACKS AL 1	UR 4946N 14250E 3
SMOLENSK ARMY BARRACKS NORTHWEST	UR 5448N 03200E 3
SPASSK-DALNIY ARMY BARRACKS EAST AL 1	UR 4436N 13250E 2
SPASSK-DALNIY AIR FORCE DEPOT 1	UR 4433N 13247E 2
SVOBODNYY ARMY BARRACKS NNW AL 1	UR 5124N 12807E 1

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TBILISI ARMY BARRACKS NAVTLUG	UR 4141N 04451E 3
TBILISI ARMY DEPOT PUG 20	UR 4141N 04452E 3
TBILISI BARRACKS AND STORAGE AREA	UR 4141N 04453E 3
TBILISI ENGINEER BARRACKS MTSKHETA	UR 4150N 04443E 3
TBILISI ARMY BARRACKS	UR 4143N 04457E 3
TOTSKOYE ARMY BARRACKS AL 1	UR 5230N 05247E 3
USSURIYSK ARMY BARRACKS NORTH AL 2	UR 4350N 13156E 2
USSURIYSK ARMY BARRACKS SSE AL 1	UR 4344N 13200E 2
USSURIYSK ARMY BARRACKS WEST AL 3	UR 4347N 13155E 2
USSURIYSK ARMY SUPPLY DEPOT	UR 4350N 13156E 2
USSURIYSK ARMY SUPPLY DEPOT S CENTRAL	UR 4347N 13158E 2
USSURIYSK BKS & MANEUVER AREA PARTIZAN	UR 4340N 13158E 2
USSURIYSK ARMY DEPOT 2	UR 4349N 13155E 2
USSURIYSK ORDNANCE DEPOT	UR 4350N 13200E 2
UZHGOROD ARMY BARRACKS AL 1	UR 4838N 02219E 2
UZHGOROD ARMY TRAINING AREA EAST	UR 4839N 02224E 2
UZHGOROD AMMUNITION DEPOT DRAVCE	UR 4836N 02222E 1
VENTSPILS MILITARY TRAINING AREA	UR 5719N 02129E 2
VENTSPILS ARMY BARRACKS NORTH AL 1	UR 5725N 02134E 2
VESELYY KUT ARMY BARRACKS AL 1	UR 4604N 02917E 2
VLADIVOSTOK ARMY BKS AND DEPOT PERVAYA R	UR 4308N 13157E 3
VLADIVOSTOK AF DEPOT VTORAYA RECHKA PUG	UR 4310N 13155E 3
VLADIVOSTOK AMMUNITION DPO VTORAYA RECHKA	UR 4309N 13157E 1
VORONEZH ARMY BKS AND TRAINING CENTER S	UR 5138N 03910E 3
ZHITOMIR ARMY BKS AND TRAINING AREA SOUTH	UR 5012N 02841E 3
ZHITOMIR ARMY BARRACKS WEST AL 3	UR 5014N 02837E 3
DARHAN SUMA POSSIBLE MILITARY FACILITY	MG 4933N 10621E 2
MALIR CANTONMENT AREA	PK 2456N 06712E 1

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SUMPERK SPECIAL AREA	CZ 5005N 01713E 3
EL ABED MILITARY ACTIVITY	AG 3030N 00141W 2
TINDOUF MILITARY ACTIVITY	AG 2742N 00808W 2
COLOMB-BECHAR SUSPECT MILITARY AREA	AG 3137N 00213W 2
HSIN-CHIANG-HSU MILITARY INSTALLATION	CH 2431N 11349E 1
CHI-LUNG TENT CAMP	TI 2836N 08515E 1
SMOLENSK AIR DEPOT	UR 5448N 03154E 1
SANTIAGO DE CUBA MILITARY CAMP	CU 2003N 07553W 2
SHA-CHI-HSU MILITARY AREA	CH 2431N 11341E 2
KUANG-CHOU ARMY BARRACKS AND STORAGE NNW	CH 2312N 11315E 2
SAMARKAND MILITARY TRAINING AREA	UR 3935N 06655E 2
HUAI-AN AMMUNITION DEPOT	CH 4035N 11419E 2
SAN-YUAN MILITARY INSTALLATION	CH 3437N 10857E 2
SHIH-CHIA-CHUANG ARSENAL & EXPL STOR AREA	CH 3803N 11429E 2
SU-PU-HSIN MILITARY AREA	CH 4051N 11201E 2
KHODZHENT BARRACKS AREA	UR 4014N 06941E 3
ZOLOTONOSHA STORAGE AREA	UR 4939N 03201E 3
LU-LIANG STORAGE AREA	CH 2521N 10347E 1
KAN-CHOU POL STORAGE	CH 2547N 11450E 1
CHI-LUNG TENT CAMP	TI 2838N 08516E 1
HSU-CHANG MILITARY INSTALLATION	CH 3401N 11346E 2
HSIN-YANG POL STORAGE PUG	CH 3207N 11405E 2
PRISHIB ARMY BARRACKS WSW AL 2	UR 3906N 04843E 3
BANDUNG COMPLEX	ID 0654S 10736E 1
MALANG COMPLEX	ID 0759S 11238E 1
SURABAJA COMPLEX	ID 0715S 11245E 1
BANDUNG PETROLEUM PROD STORAGE SHELL	ID 0654S 10736E 1
ASBEST MINING COMPLEX	UR 5701N 06129E 1
ALAPAYEVSK COMPLEX	UR 5750N 06141E 1
VINNITSA COMPLEX	UR 4913N 02829E 1
BANANA COMPLEX	CX 0601S 01224E 1
GRODNO RAILROAD STATION YARDS & SHOPS	UR 5341N 02351E 1
LVOV RAILROAD YARDS EAST	UR 4951N 02403E 1
BREST RR STNS CLF YDS SHOPS & TSFR SITES	UR 5207N 02342E 1
LVOV RR STATION YARDS & SHOPS MAIN	UR 4950N 02359E 1
CHOP RAILROAD TRANSFER SITE	UR 4826N 02206E 1
MINSK RR STATIONS YARDS & SHOPS	UR 5355N 02735E 1
VINNITSA RAILROAD STATION YARDS & SHOPS	UR 4914N 02830E 1
CHELYABINSK TRACTOR PLANT	UR 5509N 06128E 1
ULYANOVSK MOTOR VEHICLE PLANT	UR 5418N 04820E 1
GORKIY MOTOR VEHICLE PLANT MOLOTOV 1	UR 5615N 04354E 1
BEIRA PETROLEUM STORAGE FACILITY	MZ 1949S 03451E 1
SMOLENSK INDUSTRIAL INSTALLATION	UR 5447N 03205E 1
VENTSPILS COMPLEX	UR 5724N 02134E 1
SHANG-JAO POSSIBLE URANIUM ORE PROC MILL	CH 2828N 11747E 2
NAN-NING THERMAL POWERPLANT CHIANG-NAN	CH 2247N 10817E 2
SHIH-CHIA-CHUANG THERMAL POWERPLANT	CH 3803N 11431E 2
LIU-CHOU IRON SMELTER	CH 2424N 10923E 2
LIU-CHOU EXPLOSIVES STORAGE	CH 2425N 10924E 2

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CHU-CHOU THERMAL POWERPLANT	CH 2752N 11307E 2
PAO-TOU THERMAL POWERPLANT 3	CH 4034N 11001E 2
HAN-TAN THERMAL POWERPLANT	CH 3636N 11426E 2
WU-HAN SHIPYARD	CH 3039N 11426E 2
MA-TOU COAL WASHING PLANT	CH 3629N 11425E 2
TJEPU POL STORAGE	ID 0708S 11136E 3
NEI-CHIU POL STORAGE AREA	CH 3717N 11432E 2
HAN-TAN POL STORAGE AREA	CH 3634N 11427E 2
HAN-TAN COAL WASHING PLANT	CH 3635N 11426E 2
KUANG-CHOU CEMENT PLANT	CH 2309N 11314E 2
WU-HU THERMAL POWERPLANT SSU-HO SHAN	CH 3126N 11820E 2
SHIH-CHIA-CHUANG NIT FERTILIZER PLANT	CH 3804N 11432E 2
HENG-YANG HYDRO POWERPLANT PAI-YU-TAN	CH 2653N 11242E 2
SEMIPALATINSK SUSP HF COMMUNICATIONS FAC	UR 5043N 07837E 1

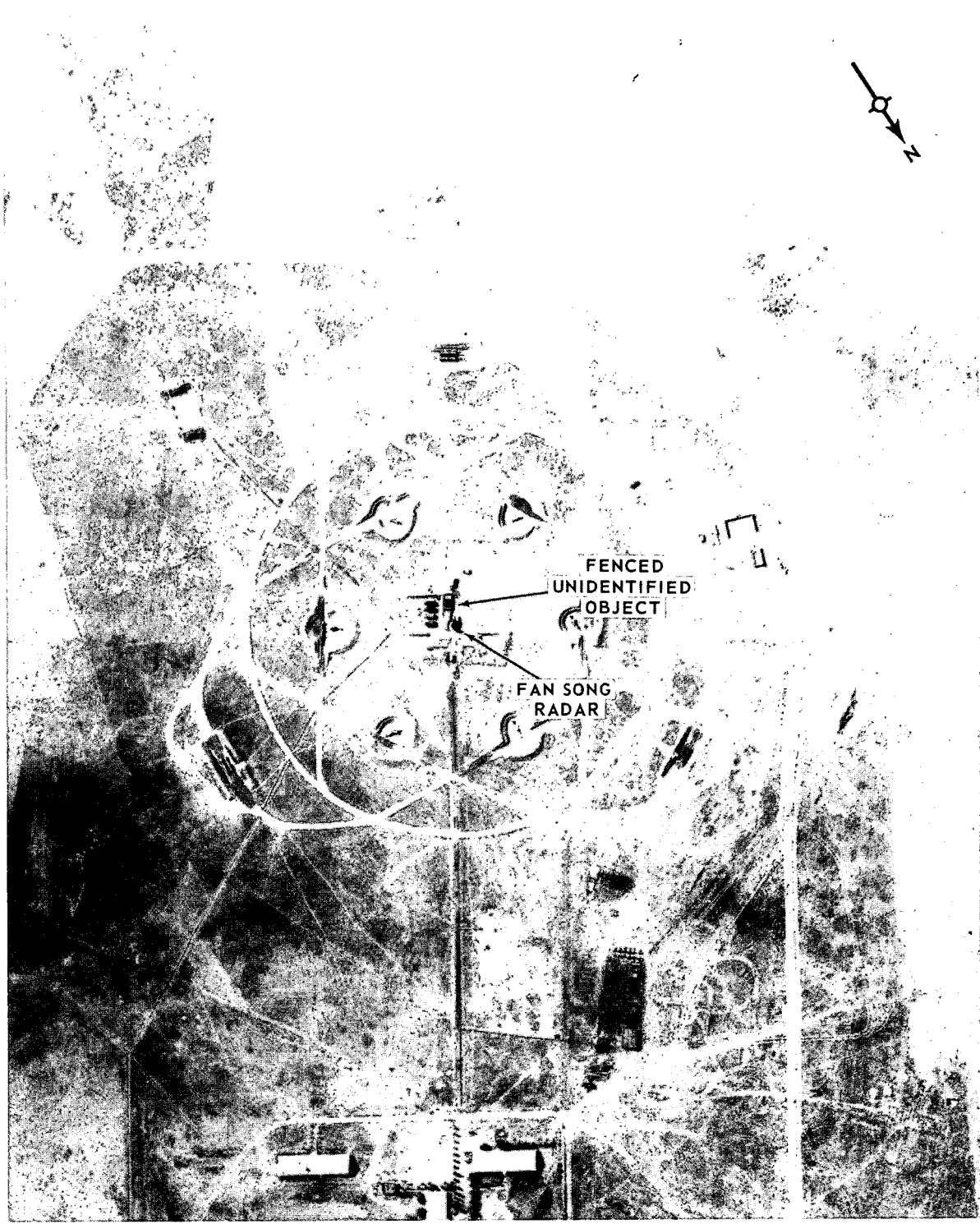
Attachments

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ATTACHMENT 1



FENCED UNIDENTIFIED OBJECT

FAN SONG RADAR

SAM SITE A04-2, AKHTUBINSK, USSR

NPIC L-1774 (9/66)

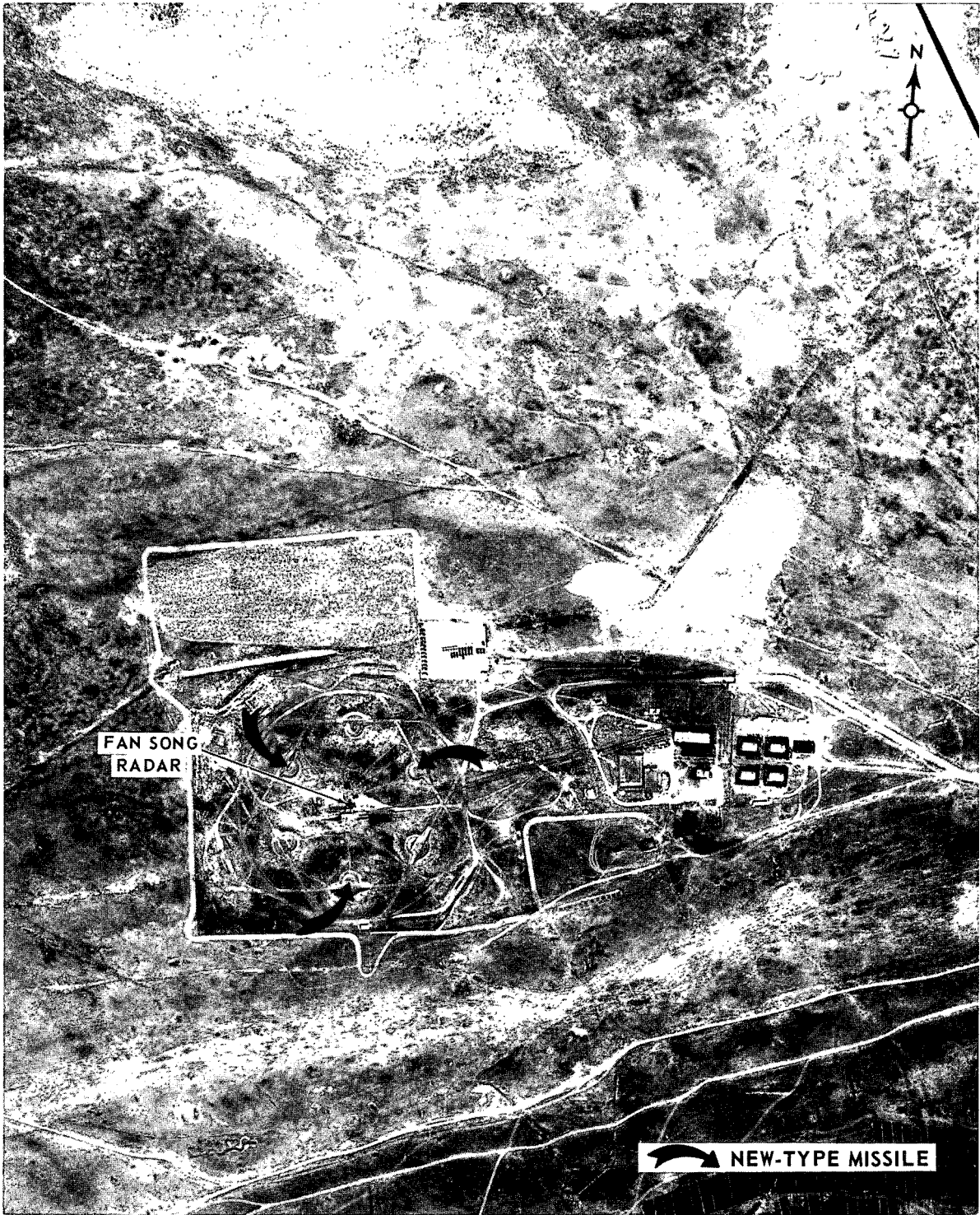
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ATTACHMENT 2



SAM SITE A34-2, ASTRAKHAN, USSR ()

NPIC L-1775 (9/66)

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ATTACHMENT 3

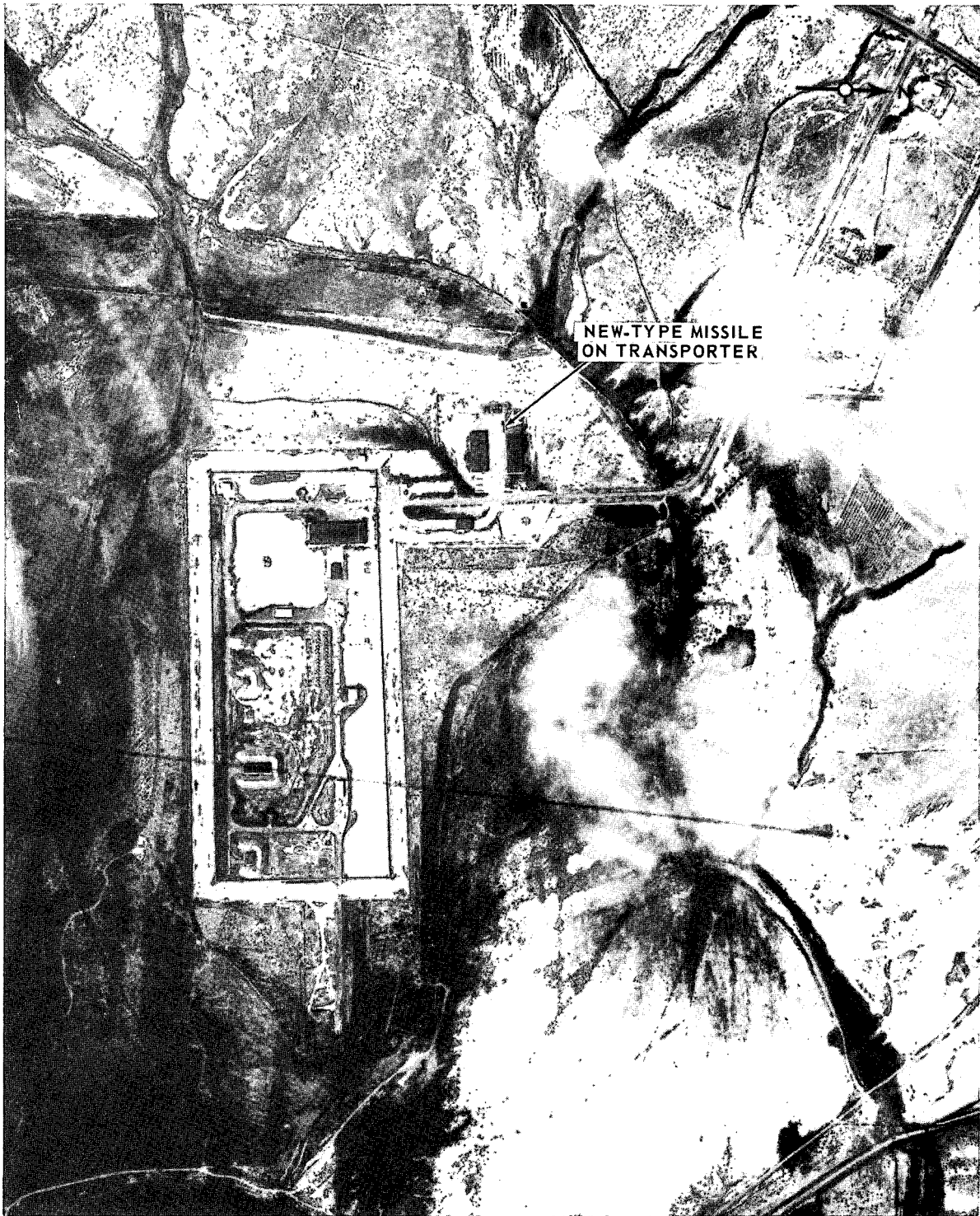


SAM SITE B20-2, MINGECHAUR, USSR

NPIC L-1776 (9/66)

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ATTACHMENT 4



SAM SUPPORT FACILITY, MINGECHAUR, USSR (NO COMOR)

NPIC L-1777 (9/66)

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