

TOP SECRET

NPIC/R-154/62
November 1962

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92 Pages

PHOTOGRAPHIC INTERPRETATION REPORT

MCI
MISSION 9039
21 JULY 1962



ARMY



NAVY



AIR FORCE



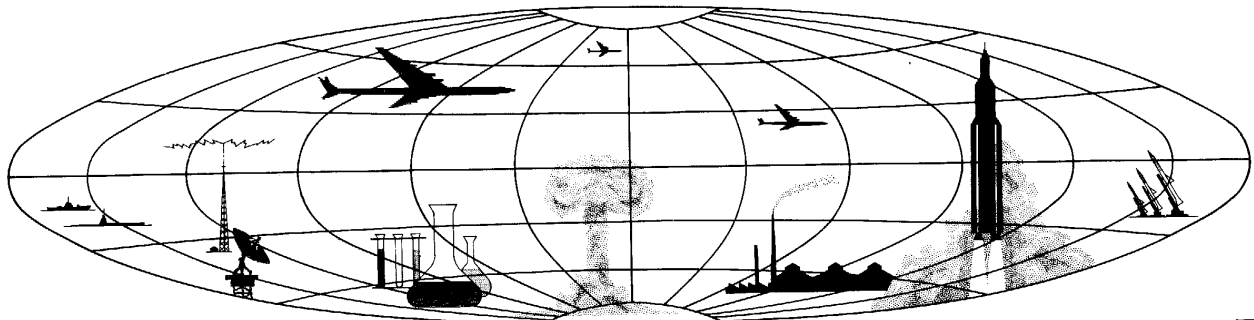
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PREFACE

This Mission Coverage Index (MCI) furnishes a listing of intelligence targets covered by Mission 9039. Items in the listing are arranged (1) by country, (2) by WAC area within the country, and (3) by coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For the convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) by country within each category, and (3) alphabetically by place name within each country.

The user of this MCI is cautioned that the scan of photography from Mission 9039 was accomplished in a relatively 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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25X6

SUMMARY
MISSION 9039

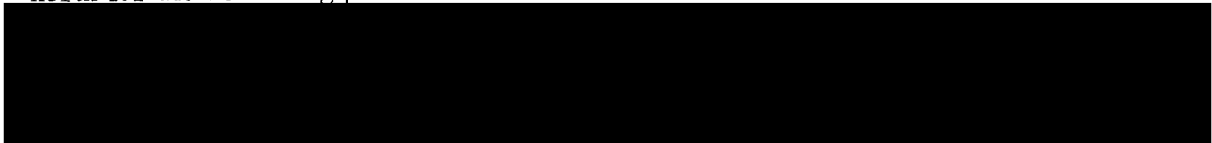
25X1D

Mission 9039, accomplished on 21 July 1962 provided [REDACTED] photographic passes over the Soviet Union and Eastern Satellites. Utilization of a forward and aft camera provided stereoscopic coverage. Approximately 65 percent of the coverage is cloud free.

The average scale of the photography at the center of the format ranges from approximately 1:475,000 at 70 degrees north to 1:355,000 at 20 degrees north for the descending passes, and 1:588,000 at 45 degrees north to 1:546,000 at 60 degrees north for the ascending passes.

25X6

25X2



25X6

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
-USSR-			25X1A	
[REDACTED]				
ARKHANGELSK/KHOLM AIRFIELD NO APPARENT CHANGE IN VISIBLE PORTION SINCE MISSION [REDACTED] CONSTRUCTION AT NW END OF RUNWAY REPORTED IN [REDACTED] IS PROBABLY AN OVERRUN. SE END OF RUNWAY CLOUD COVERED. AIRCRAFT -- 14 PROBABLE MEDIUM AIRCRAFT. [REDACTED]	6423N 04043E 25X1D	0092	[REDACTED]	1-B
ARKHANGELSK/YAGODNIK AIRFIELD IDENTIFICATION ONLY. [REDACTED]	6424N 04053E	0092	[REDACTED]	1-G
ISAKOGORKA, KRUG SITE IDENTIFICATION ONLY. [REDACTED]	6425N 04040E	0092	[REDACTED]	15-B
ISAKOGORKA, POSS EXPLOSIVES STORAGE INSTAL IDENTIFICATION ONLY. [REDACTED]	6427N 04043E	0092	[REDACTED]	15-C
ARKHANGELSK SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	6431N 04043E	0092	[REDACTED]	1-0
25X1D				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ARKHANGELSK COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	6433N 04032E	0092	25X1A	1
ARKHANGELSK/TALAGI AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	6435N 04042E	0092		1-D
ARKHANGELSK SAM SITE B-36 16 NM NNW OF ARKHANGELSK AT 64-48-00N 040-27-00E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0092-22A, 1ST ED, OCT 58. [REDACTED] 25X1D	6448N 04027E	0092		1-E
KOSKOVO, COMMUNICATIONS FACILITY IDENTIFICATION ONLY. [REDACTED] 25X1D	6422N 04114E	0092		17
ARKHANGELSK SAM SITE B-13 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	6424N 04101E	0092		1-K
KARPOGORY AREA, AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	6401N 04428E	0092		16
25X1D				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D [REDACTED]				
PONDOY AIRFIELD IDENTIFICATION ONLY. 25X1D [REDACTED]	6706N 04107E	0092	[REDACTED]	10
SEVERO YENISEYSKIY AREA, MINING ACTIVITY NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	6030N 09230E	0097	[REDACTED]	2-A
KNYAZHPOGOST AIRFIELD NE EDGE OF TOWN. 2,100 X 160 FT NE/SW GRADED EARTH RUNWAY, SERVICEABLE. 25X1D AIRCRAFT -- NONE OBSERVED. 25X1D [REDACTED]	6236N 05056E	0101	[REDACTED]	2
UST-UKHTA AIRFIELD APPROXIMATELY 3.5 NM SSW OF UST-UKHTA. 7,300 X 300 FT NE/SW PROBABLE GRADED EARTH RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. 25X1D [REDACTED]	6333N 05347E	0101	[REDACTED]	6-E
NIZHNIYE SERGI SAM STORAGE IDENTIFICATION ONLY. 25X1D [REDACTED]	5650N 05925E	0156	[REDACTED]	42-A
			25X1A	

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	VERKHNIY UFALEY NICKEL PLANT NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5603N 06015E	0156	25X1A	32
25X2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
25X1D	KASLI SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5614N 06020E	0156	[REDACTED]	39-C
25X1D	KASLI SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5616N 06054E	0156	[REDACTED]	39-E
25X2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	SVERDLOVSK/ARAMIL AIRFIELD NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	5642N 06047E	0156	[REDACTED]	26-Q
	[REDACTED] 25X1D				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D SVERDLOVSK SAM SITE B-13 NO APPARENT CHANGE SINCE [REDACTED] 25X1D	5643N 06057E	0156	25X1A	39
25X1D SVERDLOVSK/KOLTSOVO AIRFIELD NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- APPROXIMATELY 20 UNIDENTIFIED AIRCRAFT. [REDACTED] 25X1D	5645N 06049E	0156		27
[REDACTED] 25X2				
25X1D SVERDLOVSK COMPLEX NO APPARENT CHANGE SINCE [REDACTED] 25X1D	5650N 06036E	0156		26
25X1D SVERDLOVSK SAM SITE A-01 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5657N 06038E	0156		26-V
25X1D VERKHNYAYA PYSHMA ELECTROLYTIC COPPER PLANT IDENTIFICATION ONLY. [REDACTED]	5658N 06035E	0156		26-B
25X1D KAMENSK URALSKIY COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5624N 06159E	0156		6

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	25X1D BOBROVSKIY REGIONAL MILITARY STORAGE INSTAL NO APPARENT CHANGE SINCE MISSION [REDACTED]	5641N 06105E	0156		26-P
25X1D	BELOYARSKOYE AREA, STORAGE SITE NO APPARENT CHANGE SINCE MISSION [REDACTED]	5647N 06124E	0156		26-N
25X2	[REDACTED]				
	SHADRINSK ICBM LAUNCH COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	5608N 06340E	0156	25X1A [REDACTED]	23-B
	25X1D				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D SHADRINSK ICBM LAUNCH COMPLEX SAM SITE B-31 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5613N 06317E	0156	25X1A	23-A
25X1D SHADRINSK ICBM LAUNCH COMPLEX SAM SITE B-02 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5621N 06347E 25X1D	0156	[REDACTED]	23-C
TYUMEN ICBM LAUNCH COMPLEX IDENTIFICATION ONLY. [REDACTED] 25X1D	5652N 06553E	0156	[REDACTED]	28-C
25X1D SVERDLOVSK SAM SITE B-05 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5701N 06053E	0156	[REDACTED]	39-B
25X1D ASBEST AREA, MINING ACTIVITY NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D	5701N 06129E	0156	[REDACTED]	48-A
25X1D IZUMRUD, BERYL MINING NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D [REDACTED] 25X1D	5705N 06125E	0156	[REDACTED]	36
25X1D				

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
REZH EXPLOSIVES PLANT IDENTIFICATION ONLY. [REDACTED] 25X1D	5719N 06119E	0156	25X1A	21
REZH AMMUNITION DEPOT SSW NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D	5719N 06123E	0156	[REDACTED]	21-C
ARTEMOVSKIY COMPLEX IDENTIFICATION ONLY. [REDACTED] 25X1D	5720N 06153E	0156	[REDACTED]	58
REZH NICKEL SMELTER IDENTIFICATION ONLY. [REDACTED] 25X1D	5722N 06124E	0156	[REDACTED]	21-B
ALAPAYEVSK COMPLEX IDENTIFICATION ONLY. [REDACTED] 25X1D	5750N 06141E	0156	[REDACTED]	1-A
ITATKA ICBM LAUNCH COMPLEX IDENTIFICATION ONLY. [REDACTED] 25X1D	5650N 08536E	0158	[REDACTED]	10
ANZHERO-SUDZHENSK COMPLEX IDENTIFICATION ONLY. [REDACTED] 25X1D	5605N 08601E	0158	[REDACTED]	7

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
MARIINSK COMPLEX IDENTIFICATION ONLY. [REDACTED]	5613N 08746E	0158	25X1A [REDACTED]	4-A
NAZAROVO AREA, PROB AMMUNITION STORAGE DEPOT 4 NM WEST OF NAZAROVO. RAIL AND ROAD-SERVED DEPOT APPROX ONE SQ MI IN AREA CONTAINING 65 DISPERSED BUILDINGS. PROBABLE SUPPORT AREA TO EAST. [REDACTED]	5601N 09016E	0159		8-B
NAZAROVO MINING COMPLEX NAZAROVO AND ENVIRONS. MINING COMPLEX, APPROXIMATELY 15 SQ MI IN AREA, INCLUDES SEVERAL SHAFTS, EXTENSIVE OPEN-PIT MINES, SECURED EXPLOSIVES STORAGE AREAS, AND ORE PROCESSING PLANTS. [REDACTED]	5601N 09025E	0159		8-C
NAZAROVO AREA, POWER PLANT U/C 3 NM NW OF NAZAROVO. CONSTRUCTION OF POWER PLANT CONTINUING. HOUSING, SUPPORT AREAS AND CONSTRUCTION MATERIALS AREA .25 NM WEST OF POWER PLANT. NEW POWER TRACE EXTENDS NE. [REDACTED]	5603N 09020E	0159		8-A
ACHINSK AREA, ORE PROCESSING PLANT 5.5 NM WSW OF ACHINSK. FACILITIES INCLUDE FOUNDRY, ORE CRUSHING AND CONCENTRATION BUILDINGS, SEVERAL WASTE HEAPS AND LARGE HOUSING AREA. ROAD AND RAIL SERVED. [REDACTED]	5615N 09022E	0159		1-C

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D ACHINSK COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5617N 09030E	0159	25X1A [REDACTED]	1
25X1D ACHINSK TO YENISEYSK RAILROAD U/C SOUTHERN SECTION OF RAILROAD HAS BEEN COMPLETED TO APPROXIMATE MIDWAY POINT BETWEEN ACHINSK AND YENISEYSK. ENTIRE RIGHT OF WAY HAS BEEN CLEARED FOR NORTHERN HALF BUT SEVERAL SECTIONS HAVE NOT BEEN GRADED AND LACK BRIDGES. [REDACTED] 25X1D	5617N 09030E	0159		9
25X1D ZHUKOVKA AREA, AMMUNITION STORAGE DEPOT NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5602N 09145E	0159		11
25X1D MAKLAKOVO AREA, TRANSSHIPMENT POINT NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5817N 09225E	0159		15
25X1D YENISEYSK AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5828N 09205E	0159		14-A
25X1D PATKULEVSKAYA AREA, POSS ELECTRONICS SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5943N 09417E	0159		22

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
BIYSK COMPLEX IDENTIFICATION ONLY. [REDACTED]	5235N 08514E	0161	25X1A [REDACTED]	6
PROKOPYEVSK/KISELEVSK COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D [REDACTED] 25X1D	5355N 08645E	0161		12
NOVO KUZNETSK SAM SITE B-34 16 NM NNW OF NOVO KUZNETSK AT 53-59-00N 086-58-00E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0161-12A, 1ST ED, JUL 59. [REDACTED] 25X1D	5359N 08658E	0161	25X1A [REDACTED]	14-I
NOVO-KUZNETSK COMPLEX IDENTIFICATION ONLY. [REDACTED] 25X1D	5346N 08706E	0161	25X1A [REDACTED]	14
KISELEVSK AREA, AMMUNITION STORAGE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D [REDACTED] 25X1D	5402N 08647E	0161		39-B
KISELEVSK AREA, STORAGE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D [REDACTED] 25X1D	5409N 08635E	0161		39
LENINSK-KUZNETSKIY COMPLEX IDENTIFICATION ONLY. [REDACTED] 25X1D	5439N 08610E	0161	25X1A [REDACTED]	32

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	YURGA ARMAMENT PLANT 76 IDENTIFICATION ONLY. [REDACTED]	5544N 08454E	0161	25X1A [REDACTED]	17-A
25X1D	BARNAUL COMPLEX IDENTIFICATION ONLY. [REDACTED]	5320N 08347E	0162	[REDACTED]	2
25X1D	TALMENKA AREA, RAIL LINE UNDER CONSTRUCTION RAIL LINE OBSERVED FROM 53-45N 083-38E WESTWARD TO 53-48N 081-40E. APPEARS TO BE OPERATIONAL. [REDACTED]	5345N 08338E	0162		23
25X1D	NOVOSIBIRSK HYDRO-ELECTRIC POWER PLANT NO APPARENT CHANGE SINCE MISSION [REDACTED]	5450N 08259E	0162	25X1A [REDACTED]	7-L
25X1D	CHEREPANOVO AREA, PROBABLE STORAGE NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]	5404N 08322E	0162		21
25X1D	BERDSK AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	5443N 08305E	0162	25X1A [REDACTED]	19
25X1D	[REDACTED]				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D BERDSK PETROLEUM STORAGE NW EDGE OF BERDSK. CONTAINS 47 POL TANKS, SECURED AND RAIL SERVED. [REDACTED]	5445N 08304E	0162	25X1A [REDACTED]	3
25X1D BERDSK, SIBERIAN DEPT, ACADEMY OF SCIENCE 5 NM NORTH OF BERDSK. SITE, APPROXIMATELY 2.5 SQ MI IN AREA, IS UNDER CONSTRUCTION AND CONTAINS APPROXIMATELY 300 ADMINISTRATIVE/INSTITUTIONAL, DORMITORY, AND SUPPORT-TYPE BUILDINGS. [REDACTED]	5450N 08306E	0162		3-C
25X1D 25X1D NOVOSIBIRSK SAM SITE A-17 25X1D 8.5 NM SSE OF NOVOSIBIRSK AT 54-54- [REDACTED] N 083-00- [REDACTED] E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0162-10A, 1ST ED, JUN 59. [REDACTED]	5454N 08300E	0162	25X1A [REDACTED]	7-Z
25X1D [REDACTED]				
25X1D NOVOSIBIRSK AIRFIELD WEST 25X1D NO APPARENT CHANGE SINCE [REDACTED] [REDACTED] AIRCRAFT -- APPROXIMATELY 15 UNIDENTIFIED AIRCRAFT. [REDACTED] 25X1D	5500N 08240E	0162	[REDACTED]	8

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	KOCHENEVO AIRFIELD IDENTIFICATION ONLY. [REDACTED]	5502N 08215E	0162	25X1A [REDACTED]	5
25X1D	NOVOSIBIRSK SAM SITE B-28 11 NM WNW OF NOVOSIBIRSK AT 55-02-[REDACTED]N 082-37-[REDACTED]E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0162-10A, 1ST ED, JUN 59. [REDACTED]	5502N 08237E	0162	[REDACTED]	7-P
25X1D	NOVOSIBIRSK COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5502N 08256E	0162	[REDACTED]	7
25X1D	NOVOSIBIRSK AIRFRAME PLT CHKALOV 153 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5504N 08259E	0162	[REDACTED]	7-F
25X2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
25X1D	NOVOSIBIRSK SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5506N 08250E	0162	[REDACTED]	7-T
	NOVOSIBIRSK AIRFIELD NORTH NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	5506N 08254E	0162	[REDACTED]	7-A
	[REDACTED]				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D				
[REDACTED]				
NOVOSIBIRSK AREA, ORDNANCE DEPOT NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5511N 08259E	0162		7-I
25X1D [REDACTED]			25X1A	
NOVOSIBIRSK ICBM LAUNCH COMPLEX IDENTIFICATION ONLY. 25X1D [REDACTED]	5516N 08257E	0162		7-Y
25X1D [REDACTED]				
NOVOSIBIRSK SAM SITE B-01A 16.5 NM NORTH OF NOVOSIBIRSK AT 55-16-[REDACTED]N 082-59-[REDACTED]E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0162-10A, 1ST ED. JUN 59. 25X1D [REDACTED]	5516N 08259E	0162		7-S
25X1D [REDACTED]				
[REDACTED]				
NOVOSIBIRSK SAM SITE B-08 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D	5504N 08316E	0162	[REDACTED]	7-Q
25X1D [REDACTED]			25X1A	

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	NOVOSIBIRSK AIRFIELD NE NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	5505N 08300E	0162	25X1A [REDACTED]	7-W
25X1D	NOVOSIBIRSK AREA, POL STORAGE NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5511N 08316E	0162	[REDACTED]	7-J
25X1D	SIBAY MINING AND ORE PROCESSING NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5247N 05840E	0164	[REDACTED]	44
25X1D	DZHETYGARA COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5210N 06113E	0164	[REDACTED]	29
25X1D	RUDNY IRON ORE MINING AND CONCEN COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5257N 06305E	0164	[REDACTED]	24
25X1D	AMANKARAGAY, STORAGE AREA NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5225N 06404E	0164	[REDACTED]	42
25X1D	MAGNITOGORSK SAM SITE B-21 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5315N 05858E	0164	[REDACTED]	15-D

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D 25X1D 25X1D MAGNITOGORSK SAM SITE 25X1D 10 NM WEST OF MAGNITOGORSK AT 53-27-█ N 058-46-█ E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0164-16A, 2D ED, JAN 60. █	5327N 05846E	0164		15-J
25X1D BELORETSK COMPLEX APPROXIMATELY 5 SQ MI IN AREA. CONTAINS THERMAL POWER PLANT AND SEVERAL UNIDENTIFIED INDUSTRIES. PROBABLE RAIL YARD AND POL STORAGE AREA JUST SOUTH OF TOWN. █	5358N 05825E	0164	25X1A	27
25X1D 25X1D MAGNITOGORSK AAA BARRACKS PLOTINA 7 NM SOUTH OF MAGNITOGORSK. IDENTIFICATION ONLY. █	5319N 05904W	0164		15-C
25X1D 25X1D MAGNITOGORSK SAM SUPPORT FACILITY 4 NM SOUTH OF MAGNITOGORSK AT 53-21-00N 059-04-00E. COMPLETED SAM SUPPDRT FACILITY. PLOTTED ON USATC SERIES 200, SHEET 0164-17A, 1ST ED, NOV 59. █	5321N 05904E	0164		15-F
25X1D 25X1D 25X1D MAGNITOGORSK SAM SITE B-11 25X1D 11 NM ESE OF MAGNITOGORSK AT 53-22-█ N 059-20-█ E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0164-17A, 1ST ED, NOV 59. █	5322N 05920E	0164		15-G

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
MAGNITOGORSK COMPLEX NO APPARENT CHANGE SINCE MISSION 25X1D	5324N 05905E	0164	25X1A	15
MAGNITOGORSK SAM SITE B-02 10.5 NM NORTH OF MAGNITOGORSK AT 53-36- 059-06- COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0164-17A, 1ST ED, NOV 59. 25X1D	5336N 05906E	0164		15-E
KARTALY COMPLEX NO APPARENT CHANGE SINCE MISSION 25X1D	5303N 06039E	0164		5-A
KUSTANAY AIRFIELD WEST 9,600 X 210 FT NNW/SSE RUNWAY UNDER CONSTRUCTION WITH 1,900 FT OF CONCRETE POURED. A PARALLEL TAXIWAY AND PARKING APRON IS UNDER CONSTRUCTION 700 FT TO THE EAST. 8,200 X 300 FT NNE/SSW GRADED EARTH RUNWAY, SERVICEABLE. AIRCRAFT -- 60 POSSIBLE SMALL AIRCRAFT OBSERVED. 25X1D	5313N 06332E	0164		11-A
KUSTANAY COMPLEX NO APPARENT CHANGE SINCE MISSION 25X1D	5313N 06338E	0164		11

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
	25X1B [REDACTED]				25X1B [REDACTED]
25X1D	YURYUZAN SAM SITE B-15 18.5 NM SE OF YURYUZAN AT 54-36- [REDACTED] N 058-44- [REDACTED] E.	5436N 05844E	0164	25X1A [REDACTED]	32-C
25X1D	COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0164-6A, 1ST ED, DEC 59. [REDACTED]				
25X1D	YURYUZAN SAM SITE B-22 NO APPARENT CHANGE SINCE MISSION [REDACTED]	5442N 05815E	0164		32-B
25X1D	[REDACTED]				
25X2	[REDACTED]				
25X1D	YURYUZAN SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED]	5450N 05827E	0164		32-D
25X1D	YURYUZAN SAM SITE B-09 NO APPARENT CHANGE SINCE MISSION [REDACTED]	5451N 05848E	0164		32-A
25X1D	[REDACTED]				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
YURYUZAN SAM SITE A-34 IDENTIFICATION ONLY. [REDACTED] 25X1D	5454N 05823E	0164	25X1A	32-E
ZLATOUST SAM SITE B-18 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5456N 05941E	0164	[REDACTED]	22-E
ZLATOUST SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5449N 06015E	0164	[REDACTED]	22-A
CHELYABINSK SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5453N 06048E	0164	[REDACTED]	3-T
MIASS COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5459N 06006E	0164	[REDACTED]	16-A
CHEBARKUL COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5459N 06020E	0164	[REDACTED]	2
TROITSK AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	5406N 06132E	0164	[REDACTED]	20-B

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
TROITSK POL STORAGE 6.5 NM NNW OF TROITSK. CONTAINS APPROXIMATELY 80 TANKS AND SUPPORT BUILDINGS, SECURED AND RAIL SERVED. 25X1D [REDACTED]	5411N 06131E	0164	25X1A	20-C
UVELSKIY AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- APPROXIMATELY 12 UNIDENTIFIED AIRCRAFT. [REDACTED]	5424N 06121E	0164		26
CHELYABINSK SAM SITE B-17 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5453N 06134E	0164		3-M
CHELYABINSK SAM SITE B-20 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5454N 06116E	0164		3-P
ZLATOUST SAM SITE B-25 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5505N 05918E	0164		22-B
ZLATOUST COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5511N 05940E	0164		22
25X1D	25X1D			

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	ZLATQUST SAM SITE B-33 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5524N 05925E	0164	25X1A [REDACTED]	22-C
25X2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	25X2 [REDACTED]
25X1D	KASLI SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5530N 06043E	0164	[REDACTED]	36
25X1D	KASLI SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5538N 06036E	0164	[REDACTED]	36-E

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D [REDACTED]				
ARGAYASH THERMAL POWER PLANT NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5538N 06047E	0164	25X1A [REDACTED]	6
25X1D [REDACTED]				
KASLI SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5540N 06028E	0164	[REDACTED]	36-B
25X1D [REDACTED]				
KYSHTYM COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5543N 06033E	0164	[REDACTED]	12
25X1D [REDACTED]				
25X2 [REDACTED]				
KASLI SAM SITE NO APPARENT CHANGE SINCE [REDACTED] 25X1D	5550N 06047E	0164	[REDACTED]	36-D
25X1D [REDACTED]				

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D KASLI SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED]	25X1D 5553N 06041E	0164	25X1A	36-F
25X1D KYSHTYM (KASLI) RESEARCH INSTITUTE SUNGUL NO APPARENT CHANGE SINCE MISSION [REDACTED]	25X1D 5559N 06043E	0164		12-A
25X1D CHELYABINSK SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED]	25X1D 5504N 06122E	0164		3-N
25X1D CHELYABINSK SAM SITE B-12 NO APPARENT CHANGE SINCE MISSION [REDACTED]	25X1D 5505N 06152E	0164		3-R
25X1D KOPEYSK COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	25X1D 5506N 06137E	0164		7
KOPEYSK SHELL LOADING PLANT NW EDGE OF TOWN. SECURED PLANT AREA APPROXIMATELY 2,500 X 2,500 FT CONTAINING NUMEROUS BUILDINGS. RAIL SERVED AND CONNECTED BY ROAD TO SECURED AREA JUST NORTH CONTAINING APPROXIMATELY 25 STORAGE-TYPE	5508N 06136E	0164		7-A

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
BUILDINGS. 25X1D [REDACTED] 25X1D				
CHELYABINSK COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5510N 06125E	0164	25X1A [REDACTED]	3
CHELYABINSK AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D AIRCRAFT -- NONE OBSERVED.	5512N 06121E	0164		3-F
CHELYABINSK/BAKAL AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D AIRCRAFT -- APPROXIMATELY 24 UNIDENTIFIED	5516N 06118E	0164		3-H
BOLSHOYE BALANDINO AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D AIRCRAFT -- NONE OBSERVED.	5518N 06131E	0164		39

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
CHELYABINSK SAM SITE B-05 NO APPARENT CHANGE SINCE MISSION 25X1D	5521N 06146E	0164	25X1A	3-Q
KASLI SAM SITE NO APPARENT CHANGE SINCE MISSION 25X1D	5535N 06102E	0164		36-C
KUNASHAK, PROBABLE HE STORAGE AREA NO APPARENT CHANGE SINCE MISSION 25X1D	5539N 06139E	0164		34
CHUMLYAK AREA, PROB MUNITIONS STORAGE NO APPARENT CHANGE SINCE MISSION 25X1D	5517N 06244E	0164		37
IKOVKA ORDNANCE DEPOT NO APPARENT CHANGE SINCE MISSION 25X1D	5535N 06458E	0164	25X1A	4
TVERDYSH AREA, AMMUNITION STORAGE INSTALLATION NO APPARENT CHANGE SINCE MISSION 25X1D	5543N 06442E	0164		40

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
KURGAN COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	5526N 06520E	0164	25X1A [REDACTED]	9-A
IKOVKA AREA, SECURED STORAGE SITE IDENTIFICATION ONLY. [REDACTED]	5533N 06507E	0164		4-A
SAROVA SAM SITE A-24 NO APPARENT CHANGE SINCE MISSION [REDACTED]	5449N 04301E	0166	25X1A [REDACTED]	23-B
MUROM AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED]	5526N 04219E	0166		15-A
SAROVA SAM SITE B-33 IDENTIFICATION ONLY. [REDACTED]	5504N 04310E	0166		23-H
VOLGOGRAD SAM SITE B-09 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4842N 04455E	0235		16-U

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	VOLGOGRAD SAM SUPPORT FACILITY 1 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4852N 04438E	0235	25X1A [REDACTED]	16-N
25X1D	VOLGOGRAD SAM SITE B-03 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4857N 04439E	0235	[REDACTED]	16-S
25X1D	KAPUSTIN YAR MISSILE COMPLEX SAM SITE B-21 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4833N 04553E	0235	[REDACTED]	10-D
25X1D	KAPUSTIN YAR/VLADIMIROVKA GM TEST CENTER CHANGES SINCE MISSION [REDACTED] -- NEWLY IDENTIFIED AREA UNDER CONSTRUCTION EAST OF THE SERVICE ROAD AND RAILROAD TO LAUNCH COMPLEX C AND SOUTH OF THE RAIL-SERVED SUPPORT AREA. THE AREA WILL BE SERVED BY 2 ALL-WEATHER ROADS - ONE FROM LAUNCH COMPLEX C SERVICE ROAD, THE OTHER FROM LAUNCH COMPLEX A SERVICE ROAD. [REDACTED]	4835N 04545E	0235	[REDACTED]	10
25X1D	KAPUSTIN YAR AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- 11 MEDIUM STRAIGHT-WING AND 4 SMALL UNIDENTIFIED AIRCRAFT. [REDACTED]	4840N 04544E	0235	25X1A [REDACTED]	9-A
25X1D	KAPUSTIN YAR MISSILE COMPLEX SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED]	4847N 04544E	0235	[REDACTED]	10-A

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
VLADIMIROVKA AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- 19 SMALL, 4 MEDIUM, 2 LARGE, AND APPROXIMATELY 18 PROBABLE AIRCRAFT. [REDACTED]	4818N 04613E	0235	25X1A [REDACTED]	18
VLADIMIROVKA SAM SITE A-03 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4822N 04613E	0235	[REDACTED]	10-C
KAPUSTIN YAR MISSILE COMPLEX SAM SITE 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4824N 04615E	0235	[REDACTED]	10-F
KAPUSTIN YAR MISSILE COMPLEX NEW TYPE SAM SITE 25X1D 5 NM SSW OF LAUNCH AREA D, KAPUSTIN YAR MISSILE TEST CENTER LAUNCH AREA D AT 48-24-00N 046-15-00E. COMPLETED NEW-TYPE SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0235-22A, 3RD ED MAY 60. [REDACTED]	4824N 04615E	0235	[REDACTED]	10-G
KAPUSTIN YAR MISSILE COMPLEX SAM SITE B-09 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4842N 04616E	0235	25X1A [REDACTED]	10-E
VOLGOGRAD SAM SITE C-05 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4901N 04459E	0235	[REDACTED]	16-T

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	SOLODCHA AREA, AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED]	4944N 04431E	0235		36
25X1D	KAMYSHIN SAM SITE B-21 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4950N 04515E	0235	25X1A [REDACTED]	8-G
25X1D 25X1D	KAMYSHIN AREA, POSS PIPELINE U/C NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]	4952N 04523E	0235		8-D
25X1D	KAMYSHIN SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED]	5003N 04521E	0235		8-B
25X1D	KAMYSHIN COMPLEX NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED]	5005N 04524E	0235	25X1A [REDACTED]	8
25X1D	KAMYSHIN AREA, MILITARY TRAINING SCHOOL MILITARY SCHOOL NEAR CENTER OF KAMYSHIN CONTAINS APPROXIMATELY 30 LARGE MULTISTORIED BUILDINGS. PREVIOUS DESCRIPTIONS OF THIS TARGET IN MCIS FOR MISSIONS [REDACTED] PROBABLY REFER TO A LARGE TRAINING AREA JUST SOUTH OF TOWN. [REDACTED]	5005N 04524E 25X1D	0235		8-C

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D KAMYSHIN AIRFIELD NW NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- 6 POSSIBLE MEDIUM AIRCRAFT. [REDACTED] 25X1D	5012N 04513E	0235	25X1A	8-A
25X1D KAMYSHIN SAM SITE A-04 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D	5013N 04533E	0235		8-F
25X1D SARATOV SOUTH AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	5128N 04557E	0235		14-H
25X1D SARATOV AIRFRAME PLANT 292 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D	5130N 04557E	0235		14-A
25X1D SARATOV WEST AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	5132N 04551E	0235		14-G
25X1D SARATOV, MILITARY TRAINING FACILITIES NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D	5140N 04537E	0235		14-J



TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X2 [REDACTED]				
25X1D SARATOV SAM SITE B-18 NO APPARENT CHANGE SINCE MISSION	5120N 04601E	0235	25X1A	14-K
25X1D SARATOV SAM SITE C-13 NO APPARENT CHANGE SINCE MISSION	5121N 04628E	0235		14-N
25X1D SARATOV SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION	5124N 04610E	0235		14-M
25X2 [REDACTED]				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ENGELS AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- 35 LARGE PROBABLE SWEEP-WING AIRCRAFT, 10 MEDIUM UNIDENTIFIED AIRCRAFT AND 3 POSSIBLE AIRCRAFT. [REDACTED]	5129N 04611E	0235	25X1A [REDACTED]	6
SARATOV COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5132N 04600E	0235	[REDACTED]	14
MAKAT PROBABLE FIELD LAUNCH POINT IDENTIFICATION ONLY. [REDACTED]	4802N 05341E	0236	[REDACTED]	17
EMBA AREA POSS MISSILE ASSOCIATED FACILITY 14 NM SOUTH OF EMBA. [REDACTED]	4836N 05758E	0236	[REDACTED]	22
[REDACTED] FACILITY INCLUDES A SPREAD V OR BELL-SHAPED PATTERN OF SITES WITH SIMILARITIES TO OTHER IDENTIFIED MISSILE RANGE INSTRUMENTATION SITES. CENTERED WITHIN THE NORTHERN PORTION OF THIS PATTERN ARE 2 RECTANGULAR AREAS (AT LEAST DOUBLE-FENCED) WITH LOOP ROADS. THE LARGER AREA APPEARS TO HAVE A HARD SURFACED ROAD AND MAY HAVE 2 HARDSTANDS. NORTH OF THIS IS A RAIL-SERVED SUPPORT AREA CONTAINING AT LEAST 30 BUILDINGS, AN OPEN STORAGE AREA WITH AT LEAST 6 RAIL SPURS, AND A LANDING STRIP. [REDACTED]				

25X1D

25X1D

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	CHELKAR MISSILE FIELD LAUNCH POINT (SRBM) IDENTIFICATION ONLY. [REDACTED]	4805N 05935E	0236	25X1A	19
	ALGA AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	4952N 05722E	0236		18-A
25X1D	AKTYUBINSK SAM SITE C-17 23.5 NM SSE OF AKTYUBINSK AT 49-53- [REDACTED] N 25X1D 057-24- [REDACTED] E. NEWLY IDENTIFIED SA-2 SAM SITE, COMPLETED. PLOTTED ON USATC SERIES 200, SHEET 0236-13A, 1ST ED, MAY 1959. [REDACTED]	4953N 05724E	0236		1-H
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
25X1D	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
25X1D	KUMSAY SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5001N 05644E	0236		20
25X1D	AKTYUBINSK AIRFIELD SOUTH EDGE OF AKTYUBINSK. 7,000 X 300 FT NW/SE GRADED EARTH RUNWAY, SERVICEABLE. 3,700 X 215 FT N/S GRADED EARTH RUNWAY, PROBABLY SERVICEABLE. 3,700 X 215 FT NE/SW GRADED EARTH RUNWAY, PROBABLY SERVICEABLE.	5014N 05713E	0236		1-A

25X2

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D AIRCRAFT -- NONE OBSERVED. [REDACTED]				
25X1D AKTYUBINSK COMPLEX APPROXIMATELY 4 SQ MI IN AREA. CONTAINS LIGHT INDUSTRIES AND RAILROAD FACILITIES. [REDACTED]	5017N 05713E	0236	25X1A [REDACTED]	1
[REDACTED]				
25X1D AKTYUBINSK FERROALLOY PLANT APPROXIMATELY 4 NM NW OF AKTYUBINSK ON NORTH SIDE OF RAIL LINE. PLANT CONTAINS NUMEROUS PROCESSING BUILDINGS. [REDACTED]	5020N 05709E	0236	[REDACTED]	1-E
25X1D KURAYLI AIRFIELD 11 NM NW OF AKTYUBINSK. SOD LANDING AREA 4,200 X 3,300 FT NW/SE, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	5025N 05702E	0236	[REDACTED]	6
25X1D ORSK SAM SITE 30 NM SW OF ORSK AT 50-51- [REDACTED] N 057-56- [REDACTED] E. NEWLY IDENTIFIED SA-2 SAM SITE, COMPLETED. PLOTTED ON USATC SERIES 200, SHEET 0236-9A, 2D ED, FEB 60. [REDACTED]	5051N 05756E	0236		7-M

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	DONSKOYE, MINING ACTIVITY NORTH & SOUTH OF DONSKOYE. OPEN PIT MINES IN VARIOUS STAGES OF EXPLOITATION. RAIL SERVED. [REDACTED]	5017N 05830E	0236		4
25X1D	ORSK SAM SITE 17 NM SSW OF ORSK AT 50-57- [REDACTED] N 058-25- [REDACTED] E. NEWLY IDENTIFIED SA-2 SAM SITE, COMPLETED. PLOTTED ON USATC SERIES 200, SHEET 0236-9A, 2D ED, FEB 60. [REDACTED]	5057N 05825E	0236		7-L
25X1D	DOMBAROVSKIY AIRFIELD 2 NM NNW OF DOMBAROVSKIY. 7,500 X 240 FT E/W CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	5049N 05930E	0236	25X1A	12
25X1D	DOMBAROVKA AIRFIELD AIRFIELD RETURNED TO AGRICULTURE. [REDACTED]	5055N 05913E	0236		13
25X1D	DOMBAROVSKIY AREA, RAIL LINE NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5051N 06054E	0236		12-A
25X1D	SOL-ILETSK PETROLEUM STORAGE IDENTIFICATION ONLY. [REDACTED]	5109N 05459E	0236		8-A

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
SOL-ILETSK AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	5108N 05505E	0236	25X1A	8
MEDNOGORSK COPPER COMBINE PROCESSING MILL JUST NW OF MEDNOGORSK, RAIL SERVED. LARGE OPEN-PIT MINE, APPROXIMATELY 5 NM NORTH OF TOWN, CONNECTED BY ROAD TO PLANT. [REDACTED]	5125N 05735E	0236	[REDACTED]	10-A
ORSK SAM SITE 16 NM SE OF ORSK AT 51-00-[REDACTED]N 058-50-[REDACTED]E. NEWLY IDENTIFIED SA-2 SAM SITE, COMPLETED. PLOTTED ON USATC SERIES 200, SHEET 0236-9A, 2D ED, FEB 60. [REDACTED]	5100N 05850E	0236	[REDACTED]	7-K
[REDACTED]				
ORSK COMPLEX COMPLEX APPROXIMATELY 20 SQ MI IN AREA. CONTAINS LIGHT INDUSTRIES, METALLURGICAL PLANTS, RAIL FACILITIES, AND POL REFINERY AND STORAGE. [REDACTED]	5112N 05835E	0236	[REDACTED]	7

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ORSK AIRFIELD 3 NM ENE OF ORSK. 6,600 X 200 FT NE/SW CONCRETE RUNWAY, AND 8,900 X 200 FT NE/SW GRADED EARTH RUNWAY, BOTH SERVICEABLE. M-TYPE STORAGE AREA APPROXIMATELY 7,200 FT SE OF THE CONCRETE RUNWAY. AIRCRAFT -- NONE OBSERVED. [REDACTED]	5117N 05836E	0236	25X1A [REDACTED]	7-G
	25X1D			
[REDACTED]				

25X2

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ORSK SAM SITE 25X1D 25X1D 19 NM EAST OF ORSK AT 51-14-█ N 059-06-█ E. NEWLY IDENTIFIED SA-2 SAM SITE, COMPLETED. PLOTTED ON USATC SERIES 200, SHEET 0236-4A, 2D ED, MAR 60. 25X1D █	5114N 05906E	0236		7-J
TYURA TAM INSTRUMENTATION SITE 25X1D NO APPARENT CHANGE SINCE MISSION █ 25X1D 25X1D █	4810N 06833E	0237		16
KALTADYRSKIY AREA, AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION █ 25X1D 25X1D █ AIRCRAFT -- NONE OBSERVED. 25X1D █	5002N 06706E	0237		15-A
ATBASAR AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION █ AIRCRAFT -- NONE OBSERVED. 25X1D █	5150N 06823E	0237	25X1A █	1
25X2 █				

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
DOLON AIRFIELD SAM SITE B-30 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5036N 07857E	0238	25X1A	36-A
SEMIPALATINSK NWPG POSSIBLE AMM LAUNCH AREA NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5043N 07837E	0238		13-A
SEMIYARSKOYE AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	5044N 07833E	0238		13
UST KAMENOGORSK COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	4958N 08239E	0239		12
SEMIPALATINSK AREA, AIRFIELD IDENTIFICATION ONLY. [REDACTED] 25X1D	5016N 07906E	0239		30
DOLON AIRFIELD SAM SITE B-22 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5023N 07902E	0239		3-E
DOLON AIRFIELD SAM SITE A-15 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	5023N 07921E	0239		3-D
[REDACTED] 25X1D				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
SEMIPALATINSK AREA, AIRFIELD IDENTIFICATION ONLY. [REDACTED]	5024N 07946E	0239	25X1A	27
[REDACTED]				
DOLON AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- APPROXIMATELY 25 LARGE AND AN UNDETERMINED NUMBER OF SMALLER AIRCRAFT. [REDACTED]	5032N 07912E	0239	[REDACTED]	3
DOLON AIRFIELD SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	5037N 07913E	0239	[REDACTED]	3-B
SEMIPALATINSK AIRFIELD IDENTIFICATION ONLY. [REDACTED]	5021N 08014E	0239	[REDACTED]	8
SEMIPALATINSK COMPLEX IDENTIFICATION ONLY. [REDACTED]	5025N 08015E	0239	[REDACTED]	6
USPENSKOYE AREA, MINING ACTIVITY IDENTIFICATION ONLY. [REDACTED]	5059N 08125E	0239	[REDACTED]	29

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
UST-KAMENOGORSK AREA, AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED.	5002N 08229E	0239		12-F
LENINOGORSK COMPLEX NO APPARENT CHANGE SINCE MISSION	5021N 08330E	0239		23
RUBTSOVSK SAM SITE B-30 NO APPARENT CHANGE SINCE MISSION	5133N 08049E	0239		4-A
RUBTSOVSK SAM SITE 11.5 NM SSW OF RUBTSOVSK AT 51-20-081-06-E. NEWLY IDENTIFIED SA-2 SAM SITE, COMPLETED. PLOTTED ON USATC SERIES 200, SHEET 2A, 1ST ED, NOV 59.	5120N 08106E	0239	25X1A	4-B

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
RUBTSOVSK COMPLEX APPROXIMATELY 5 SQ MI IN AREA AND LOCATED ON THE BARNAUL-SEMIPALATINSK RAIL LINE. RUBTSOVSK IS MOSTLY RESIDENTIAL BUT CONTAINS SEVERAL LARGE INDUSTRIES. 25X1D [REDACTED]	5130N 08113E	0239	25X1A [REDACTED]	4
AKTOGAY/URUMCHI RAILROAD RAILROAD OBSERVED FROM KAZAKHSTAN (46-12N 081-06E) LEADING NORTHWEST TO 46-44N 080-11E, WHERE OBSCURED BY CLOUDS. RAIL LINE APPEARS ACTIVE. 25X1D [REDACTED]	4657N 07939E	0244		1-A
25X2 [REDACTED]				
25X1D [REDACTED]				
SARY SHAGAN POSSIBLE INSTRUMENTATION SITE 14 NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D [REDACTED] 25X1D	4707N 06910E	0245		63
VLADIMIROVKA/DZHAMAN SOR TEST RANGE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D [REDACTED] 25X1D	4559N 05301E	0247		4

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	MAKAT AREA, INTERFEROMETER STATION NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4755N 05348E	0247		7-A
25X1D	FORT SHEVCHENKO AREA, OIL FIELD (PREVIOUSLY REPORTED IN [REDACTED] AS FORT SHEVCHENKO AREA, GROUND SCARS.) 6 NM NE OF FORT SHEVCHENKO. GROUND SCARS FORMING TRAPEZOID PATTERN NOW IDENTIFIED AS ASSOCIATED WITH AN OIL FIELD AND OIL EXPLORATION AREA. OIL WELLS ARE CONNECTED BY ROADS. [REDACTED]	4430N 05035E	0248		14
25X1D	FORT SHEVCHENKO COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4432N 05016E	0248	25X1A	3
25X1D	FORT SHEVCHENKO AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	4435N 05020E	0248		3-A
25X1D	ASTRAKHAN NORTHWEST AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- APPROXIMATELY 3 LARGE AIRCRAFT AND AT LEAST 60 FIGHTER-TYPE AIRCRAFT. [REDACTED]	4625N 04755E	0248		1-E
25X1D	ASTRAKHAN SAM SUPPORT FACILITY NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4626N 04756E	0248		1-M

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ASTRAKHAN, STORAGE AREA UNDER CONSTRUCTION 8 NM NNW OF ASTRAKHAN. SECURED AREA CONTAINS APPROXIMATELY 20 COMPLETED WAREHOUSES AND 20 ADDITIONAL WAREHOUSES STILL UNDER CONSTRUCTION. 25X1D ROAD SERVED ONLY. [REDACTED]	4627N 04756E	0248		1-K
ASTRAKHAN AREA, TRANSLOADING POINT 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED]	4627N 04757E	0248		1-J
ASTRAKHAN AREA, POSS ORE PROCESSING PLANT 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED]	4627N 04757E	0248		1-L
ASTRAKHAN SAM SITE A-34 25X1D 25X1D 9 NM NNW OF ASTRAKHAN AT 46-28-██N 047-57-██E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC 25X1D SERIES 200, SHEET 0248-9AL, 1ST ED, AUG 59. [REDACTED]	4628N 04757E	0248	25X1A	1-H
ASTRAKHAN SAM SITE A-14 25X1D 25X1D 9 NM SE OF ASTRAKHAN AT 46-14-██N 048-11-██E. COMPLETED SA-2 SAM SITE, PLOTTED ON USATC 25X1D SERIES 200, SHEET 0248-14AL, 1ST ED, AUG 59. [REDACTED]	4614N 04811E	0248		1-I
ASTRAKHAN AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D AIRCRAFT -- 7 MEDIUM, STRAIGHT-WING AIRCRAFT. [REDACTED]	4617N 04800E	0248		1-G
				25X1D

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ASTRAKHAN COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4621N 04802E	0248	25X1A	1
KORDON SAM TRAINING CENTER 11 NM EAST OF KORDON, AND 65 NM NW OF ASTRAKHAN. CHANGES SINCE MISSION [REDACTED] INCLUDE -- ONE, POSSIBLY 2, NEW LAUNCH SITES UNDER CONSTRUCTION AT NORTH END OF MAIN TRAINING AREA. NEW LANDING STRIP UNDER CONSTRUCTION 3 NM WEST OF SUPPORT BASE. [REDACTED]	4724N 04808E	0248		17
IZMAIL COMPLEX WESTERN HALF OF COMPLEX CLOUD COVERED. NO APPARENT CHANGE IN VISIBLE PORTIONS SINCE MISSION [REDACTED]	4521N 02846E	0250		33
RENI. PETROLEUM STORAGE NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4526N 02817E	0250		100
KRASNOVODSK SAM SITE A-28 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4001N 05248E	0326		2-A

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	KRASNOVODSK/UFRA COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	4000N 05300E	0326	25X1A	2
25X1D	[REDACTED]			[REDACTED]	
25X1D	YANGADZHA AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED.	4002N 05321E	0326	[REDACTED]	4
25X1D	[REDACTED]			[REDACTED]	
25X1D	KRASNOVODSK AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D AIRCRAFT -- NONE OBSERVED.	4004N 05300E	0326	[REDACTED]	2-B
25X1D	[REDACTED]			[REDACTED]	
25X1D	KRASNOVODSK SAM SITE 25X1D 12.5 NM NNE OF KRASNOVODSK AT 40-13- [REDACTED] 053-01- [REDACTED] E. NEWLY IDENTIFIED SA-2 SAM SITE, COMPLETED. PLOTTED ON USATC SERIES 200, SHEET 0326-22A, 1ST ED, DEC 58.	4013N 05301E	0326	[REDACTED]	2-C
25X1D	[REDACTED]			[REDACTED]	
25X1D	BEKDASH AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED.	4132N 05237E	0326	25X1A	1-A
25X1D	[REDACTED]			[REDACTED]	
	YERALY AREA, AIRFIELD 18 NM SSE OF YERALY. 2,500 X 400 FT NW/SE GRADED EARTH LANDING AREA INCLUDING A 1,280 X 95 FT BLACKTOP SECTION AT NW END, SERVICEABLE. AIRCRAFT -- NONE OBSERVED.	4255N 05153E	0326		13

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D [REDACTED]				
MYS MELOVOY PORT AREA THIS PORT AREA HAS NOW DEVELOPED INTO A MAJOR OIL REFINING AND SHIPPING CENTER. IT HAS A LARGE PIER, CRUDE OIL BASINS, SECURED STORAGE AREAS, A PROBABLE REFINERY, TWO PIPELINES EXTENDING APPROXIMATELY 65 NM SE TO MYS MELOVOY OIL FIELDS, AND A LARGE HOUSING AREA. [REDACTED]	4338N 05110E	0326		12-A
25X1D [REDACTED]				
MYS MELOVOY, OIL FIELDS 65 NM SE OF MYS MELOVOY. APPROXIMATELY 150 SQ MI IN AREA, CONTAINS OIL WELLS, OIL DRILLING SITES, AND AREAS OF OIL EXPLORATION. [REDACTED]	4314N 05200E	0326		12
25X1D [REDACTED]			25X1A	
LUGOVOYE AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D [REDACTED] AIRCRAFT -- 42 POSSIBLE AIRCRAFT. [REDACTED]	4258N 07243E	0328	[REDACTED]	20
25X1D [REDACTED]				
KARABALTY AREA, PROBABLE URANIUM ORE PLANT 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4247N 07351E	0328		53
25X1D [REDACTED]				
KOSTOGAN, INDUSTRIAL AREA 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4252N 07324E	0328		71
25X1D [REDACTED]				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
[REDACTED]				
FRUNZE AIRFIELD SOUTH EDGE OF FRUNZE. 6,200 X 200 FT NW/SE ASPHALT RUNWAY, SERVICEABLE. 4,000 X 300 FT E/W SOD RUNWAY, SERVICEABLE. 2,300 X 230 FT N/S SOD RUNWAY, SERVICEABLE. AIRCRAFT -- ONE BEAGLE, 3 COACH/CRATE, ONE CAB AND 11 SMALL STRAIGHT-WING (INCLUDING 5 POSSIBLE COLT) AIRCRAFT. [REDACTED]	4250N 07434E	0328	25X1A [REDACTED]	15-B
KANT AIRFIELD 2 NM SOUTH OF KANT. 9,200 X 210 FT NW/SE ASPHALT RUNWAY, SERVICEABLE. 9,200 X 225 FT NW/SE GRADED EARTH RUNWAY, SERVICEABLE. 6,300 X 400 FT NNE/SSW GRADED EARTH RUNWAY, PROBABLY SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	4251N 07450E	0328	[REDACTED]	16
FRUNZE COMPLEX NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4253N 07435E	0328	[REDACTED]	15

25X2

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
FRUNZE NW AIRFIELD 3.5 NM NW OF FRUNZE. 8,250 X 200 FT NNW/SSE SOD RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	4254N 07431E	0328	25X1A [REDACTED]	15-G
STALINSKOYE SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED]	4255N 07402E	0328	[REDACTED]	82
FRUNZE SAM SITE A-33 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4256N 07429E	0328	[REDACTED]	15-L
FRUNZE AREA MIL INSTALLATION NO APPARENT CHANGE SINCE MISSION [REDACTED]	4256N 07442E	0328	[REDACTED]	15-H
CHATKUL AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED]	4258N 07425E	0328	[REDACTED]	63
DENISOVKA SAM SITE NO APPARENT CHANGE SINCE MISSION [REDACTED]	4258N 07451E	0328	[REDACTED]	81

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
LUGOVOY SAM SITE A-29 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4300N 07231E	0328	25X1A	20-B
LUGOVOY SAM SITE B-06 NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4306N 07302E	0328		20-C
CHU COMPLEX APPROXIMATELY 5 SQ MI IN AREA. CONTAINS RAILROAD REPAIR YARDS AND SHOPS AND A RAIL-SERVED ORE PROCESSING PLANT ON SOUTH SIDE OF COMPLEX. [REDACTED]	4337N 07345E	0328		62
SYUGATY AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED]	4310N 07440E	0328		26
KURDAY PEREVAL URANIUM MINES NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED]	4319N 07451E	0328		51
TOKMAK AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] AIRCRAFT -- APPROXIMATELY 30 POSSIBLE SMALL UNIDENTIFIED AIRCRAFT. [REDACTED]	4250N 07520E	0329		10

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	RYBACHYE AREA, PROBABLE LANDING STRIP NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED.	4225N 07607E	0329		13-B
25X1D	[REDACTED]			25X1A	
25X1D	RYBACHYE COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	4228N 07611E	0329	[REDACTED]	13-A
25X1D	[REDACTED]				
25X1D	AKTYUZ AREA, MINING ACTIVITY NO APPARENT CHANGE SINCE MISSION [REDACTED]	4253N 07608E	0329		6
25X1D	[REDACTED]				
25X1D	OTAR SAM SITE A-13 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4331N 07513E	0329		3-B
25X1D	[REDACTED]				
25X2	[REDACTED]				

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
ZHAILAU (SIDING 77) SAM SITE NO APPARENT CHANGE SINCE MISSION 25X1D	4333N 07538E	0329	25X1A [REDACTED]	15
[REDACTED]				
BELEK-TURKMENSKIY, POL STORAGE NO APPARENT CHANGE SINCE MISSION 25X1D	3956N 05350E	0338		15
[REDACTED]				
KUM DAG SAM SITE A-22 NO APPARENT CHANGE SINCE MISSION 25X1D	3911N 05433E	0338	25X1A [REDACTED]	21
[REDACTED]				

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D [REDACTED]			25X1A	
NEBIT-DAG AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED]	3928N 05421E	0338	[REDACTED]	12
DZHEBEL AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED]	3940N 05411E	0338	[REDACTED]	14
KAZANDZHIC SAM SITE A-04 IDENTIFICATION ONLY. [REDACTED]	3918N 05536E	0338	[REDACTED]	13
KRASNOVODSK SAM SITE A-20 NO APPARENT CHANGE SINCE MISSION CLEAR -BULGARIA- [REDACTED]	3953N 05256E	0339	[REDACTED]	18
LOZAREVO AMMUNITION DEPOT PUG NO APPARENT CHANGE SINCE MISSION [REDACTED]	4248N 02651E	0322	[REDACTED]	52
RUSE COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	4350N 02557E	0322	[REDACTED]	73
KOLAROVGRAD (SHUMEN) COMPLEX COMPLEX APPROXIMATELY 5 SQ MI IN AREA. CONTAINS MINOR INDUSTRY, 3 PROBABLE MILITARY BARRACKS AREAS, AND AN AMMUNITION DUMP. RAIL AND ROAD SERVED. [REDACTED]	4316N 02655E	0322	[REDACTED]	37-A

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	[REDACTED]				
25X1D	KOLAROVGRAD AIRFIELD NO APPARENT CHANGE IN VISIBLE SECTIONS SINCE [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	4317N 02657E	0322	25X1A [REDACTED]	37
25X1D	KHLEBAROVO AREA, EXPLOSIVES STORAGE NO SIGNIFICANT CHANGE SINCE [REDACTED] [REDACTED] 25X1D	4340N 02617E	0322	[REDACTED]	198
25X1D	SHTRUKLEVO AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	4342N 02604E	0322	[REDACTED]	80
25X1D	RUSE AREA, MILITARY INSTALLATION NO APPARENT CHANGE SINCE MISSION [REDACTED] [REDACTED] 25X1D	4347N 02601E	0322	[REDACTED]	74-A
25X1D	RUSE AIRFIELD 5 NM ENE OF RUSE. 4,900 X 2,900 FT NE/SW SOD LANDING AREA, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	4352N 02603E	0322	[REDACTED]	74
25X1D	BURGAS PORT FACILITIES NO APPARENT CHANGE SINCE MISSION [REDACTED] VESSELS -- 2 MERCHANT. [REDACTED] 25X1D	4229N 02729E	0323	[REDACTED]	2-A

TOP SECRET CHESS RUFF












	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	RAVNETS AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED]	4232N 02716E	0323	25X1A [REDACTED]	9
25X1D	KAMENO AREA, PROB PETROLEUM REFINERY U/C 2.5 NM SE OF KAMENO. INSTALLATION CONTAINS APPROXIMATELY 25 LARGE TANKS OF WHICH 20 ARE UNDER CONSTRUCTION, 20 MEDIUM TANKS, 5 SMALL TANKS, AND APPROXIMATELY 20 MISCELLANEOUS BUILDINGS. RAIL SERVED. CRACKING TOWERS AND ASSOCIATED FACILITIES NOT DISCERNIBLE. [REDACTED]	4233N 02720E	0323		22
25X1D	DULGOPOL AREA, EXPLOSIVES STORAGE IDENTIFICATION ONLY. [REDACTED]	4301N 02720E	0323		28
25X1D	VARNA SAM SITE B-19 NO APPARENT CHANGE SINCE MISSION [REDACTED]	4301N 02752E	0323	25X1A [REDACTED]	17-J
25X1D	SMYADOVO AMMUNITION DEPOT SOUTH NO APPARENT CHANGE SINCE MISSION [REDACTED]	4303N 02701E	0323		11
25X1D	PROVADIYA AIR FORCE DEPOT NO APPARENT CHANGE SINCE MISSION [REDACTED]	4311N 02727E	0323		21-A

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D VARNA NAVAL MINE & TORPEDO DEPOT 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED]	4311N 02751E	0323	25X1A	17-F
25X1D VARNA COMPLEX 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] VESSELS -- APPROXIMATELY 20 UNIDENTIFIED VESSELS. [REDACTED]	4312N 02755E	0323		17
25X1D VARNA/TOPOLI AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- ONE MEDIUM SWEEP-WING AIRCRAFT. [REDACTED]	4314N 02749E	0323		17-H
25X1D PROVADIYA AREA, EXPLOSIVES STORAGE 8 NM NW OF PROVADIYA. APPROXIMATELY 45 BUILDINGS ALONG ROAD IN WOODED AREA. [REDACTED]	4315N 02721E	0323		21
25X1D TOLBUKHIN AREA, EXPLOSIVES STORAGE 8 NM SSW OF TOLBUKHIN. APPROXIMATELY 16 SMALL AND 8 LARGE STRUCTURES IN A WOODED AREA. SERVED BY ROAD. [REDACTED]	4328N 02744E	0323		4-D
25X1D TOLBUKHIN COMPLEX 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED]	4333N 02750E	0323	25X1A	4
25X1D TOLBUKHIN AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- 12 SMALL UNIDENTIFIED AIRCRAFT. [REDACTED]	4336N 02750E	0323		4-A

TOP SECRET CHESS RUFF

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	VARNA SAM SITE A-05 NO APPARENT CHANGE SINCE MISSION 25X1D	4319N 02803E	0323	25X1A	17-I
25X1D	VARNA SAM SITE B-04 13.0 NM NE OF VARNA AT 43-23-███N 028-04-███E. SAM SITE UNDER CONSTRUCTION, POSSIBLY A TRAINING SITE. PLOTTED ON USATC SERIES 200, SHEET 0323-1A1, 1ST ED JUL 59. 25X1D	4323N 02804E	0323	25X1A	17-K
25X1D	BULGAREVO, ELECTRONICS INSTALLATION IDENTIFICATION ONLY. 25X1D	4323N 02825E	0323		26
25X1D	BALCHIK, BARRACKS AND STORAGE AREA NO APPARENT CHANGE SINCE MISSION 25X1D	4326N 02806E	0323		1-A
25X1D	BALCHIK AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. 25X1D	4326N 02811E	0323	25X1A	1
25X1D	GENERAL TOSHEVO POL STORAGE AREA NO APPARENT CHANGE SINCE MISSION 25X1D	4342N 02802E	0323		20



City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X6  -RUMANIA- COCARGEUAU AIRFIELD 25X1D NO APPARENT CHANGE SINCE MISSION  AIRCRAFT -- 9 UNIDENTIFIED AIRCRAFT. 25X1D 	4424N 02743E	0250	25X1A 	15-A
TANDAREI AREA, PROBABLE STORAGE FACILITY 25X1D NO APPARENT CHANGE SINCE MISSION  25X1D 	4440N 02744E	0250		71-A
CONSTANTA COMPLEX 25X1D NO APPARENT CHANGE SINCE MISSION  VESSELS -- APPROXIMATELY 15 LARGE MERCHANT- TYPE VESSELS IN PORT. 25X1D 	4411N 02838E	0250	25X1A 	20
OVIDIU, EXPLOSIVES STORAGE 25X1D NO APPARENT CHANGE SINCE MISSION  25X1D 	4415N 02833E	0250		115

TOP SECRET CHESS RUFF

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D [REDACTED]				
DANUBE RIVER-BLACK SEA CANAL U/C NO APPARENT CHANGE SINCE MISSION 25X1D [REDACTED]	4420N 02801E	0250		20-B
25X1D [REDACTED]			25X1A	
KOGALNICEANU AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. 25X1D [REDACTED]	4421N 02829E	0250	[REDACTED]	40
25X1D [REDACTED]				
CORBU DE JOS AREA, STORAGE AREA NO APPARENT CHANGE SINCE MISSION 25X1D [REDACTED] 25X1D	4423N 02843E	0250		104
25X1D [REDACTED]				
STUPINA AMMO DUMP SE EDGE OF STUPINA. RECTANGULAR AREA CONTAINING APPROXIMATELY 15 BUNKERS AND AT LEAST 2 STORAGE BUILDINGS. ROAD SERVED. 25X1D [REDACTED]	4434N 02812E	0250		116
25X1D [REDACTED]			25X1A	
CODRU AMMUNITION DEPOT PUG NO APPARENT CHANGE SINCE [REDACTED] 25X1D 25X1D [REDACTED]	4448N 02844E	0250	[REDACTED]	19

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
IANCA AIRFIELD NO APPARENT CHANGE SINCE MISSION AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	4510N 02727E	0250	25X1A [REDACTED]	29
BRAILA COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	4516N 02758E	0250	[REDACTED]	11-A
RIMNICU-SARAT, POSS EXPLOSIVES STORAGE AREA 2 NM E OF RIMNICU-SARAT AND LOCATED JUST EAST OF RIMNICU-SARAT AIRFIELD. INSTALLATION APPEARS TO HAVE 4 SEPARATE ROAD- CONNECTED STORAGE AREAS CONTAINING 13 LARGE WAREHOUSE BUILDINGS, 16 SMALL AMMUNITION STORAGE-TYPE BUILDINGS, 12 SMALL BUILDINGS, AND 9 POSSIBLY REVETTED BUILDINGS. [REDACTED] 25X1D	4524N 02705E	0250		55-B
FOCSANI, AMMUNITION STORAGE AREA NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	4541N 02710E	0250		24-A
TULCEA NAVAL MINE DEPOT PUG IDENTIFICATION ONLY. [REDACTED] 25X1D	4511N 02847E	0250	25X1A [REDACTED]	75
BUCHAREST SAM SITE B-23 19 NM SSW OF BUCHAREST AT 44-11- 025-48- COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0251-25AL, 2D ED, MAR 60. [REDACTED] 25X1D	4411N 02548E	0251	[REDACTED]	18-K

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
MIHAI BRAVU AREA, MILITARY CAMP 1.5 NM SSE OF MIHAI BRAVU. 25X1D NO APPARENT CHANGE SINCE MISSION [REDACTED]	4407N 02604E	0251		73-A
BUCHAREST SAM SITE B-15 25X1D 25X1D 18 NM SE OF BUCHAREST AT 44-11-[REDACTED]N 026-20-[REDACTED]E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0251-25AL, 2D ED, MAR 60. (REPORTED IN 9039 OAK AS BUCHAREST AREA POSSIBLE SSM LAUNCH SITE.) [REDACTED] 25X1D	4411N 02620E	0251	25X1A	18-0
BUCHAREST SAM SITE B-11 25X1D 20 NM ESE OF BUCHAREST AT 44-21-[REDACTED]N 026-32-[REDACTED]E. COMPLETED SA-2 SAM SITE. PLOTTED ON USATC SERIES 200, SHEET 0251-25AL, 2D ED, MAR 60. [REDACTED] 25X1D [REDACTED] 25X1D	4421N 02632E	0251		18-P
BUCHAREST COMPLEX 25X1D 25X1D NO APPARENT CHANGE SINCE [REDACTED] [REDACTED] 25X1D	4426N 02606E	0251		18
BUCHAREST/PIPERA AIRFIELD AIRFIELD ABANDONED. PART OF SITE UNDER CULTIVATION. [REDACTED] 25X1D	4428N 02607E	0251		17

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
BAICOI AREA, POSS EXPLOSIVES STORAGE AREA NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	4503N 02544E	0251		176
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[REDACTED] 25X1D				
PLOPENI AMMO PLANT & STORAGE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	4503N 02558E	0251		173-A
PLOPENI AREA, AMMUNITION STORAGE NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D	4505N 02559E	0251		173
CAMPINA PETROLEUM REFINERY STEAUA ROMANA NORTH EDGE OF CAMPINA. INCLUDES REFINERY AND APPROXIMATELY 20 POL TANKS. ASSOCIATED TANK FARM ON SW EDGE OF TOWN CONTAINS APPROXIMATELY 10 POL TANKS. RAIL SERVED. [REDACTED] 25X1D	4508N 02544E	0251		175
ZILISTEANCA AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	4513N 02658E	0251		129
			25X1A	

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
GIRUGIU COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	25X1D 4353N 02557E	0322	25X1A [REDACTED]	26-A
MANGALIA COMPLEX NO APPARENT CHANGE SINCE MISSION [REDACTED]	25X1D 25X1D 4348N 02836E	0323	[REDACTED]	8
[REDACTED]	25X1D			


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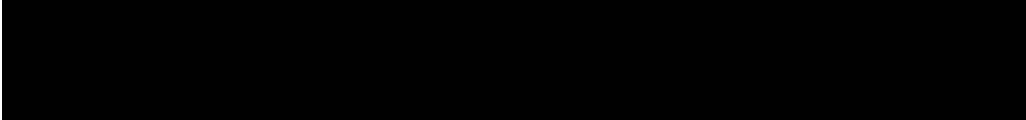
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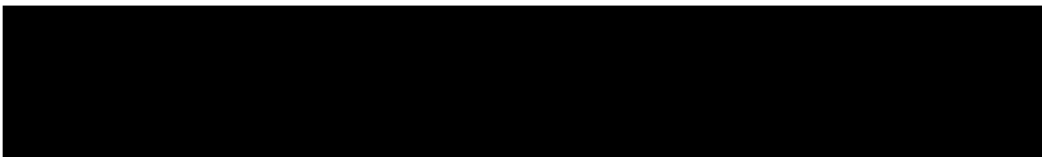
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-MISCELLANEOUS-

USSR

25X1D



RUMANIA

25X1D



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AND PHOTO REFERENCES

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate. Distances to installations from referenced cities are determined from the center of the cities.

Coordinates -- Coordinates for all installations are for the minute square in which the reference point is located. Where the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0235-1 and an NPIC target numbered 0236-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

Approved For Release 2000/05/09 : CIA-RDP78B04560A000300010045-6

TOP SECRET CHESS RUFF

NPIC/R-154/62

The photo reference provides the ascending and/or descending pass(es) and forward and/or aft frame(s) on which the target appears, and indicates conditions which affect interpretation of the target. The reference also provides Universal Reference Grid (X-Y) coordinates to aid in pinpointing the target on the photography. These grid coordinates follow the frame to which they apply.

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