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TOP SECRET

PHOTOGRAPHIC INTERPRETATION REPORT



KH-4 MISSION 1042-1 17-22 JUNE 1967

TCS-80400/67
JUNE 1967
COPY **202**42 PAGES

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TARGET CATEGORIES

- 1. GUIDED MISSILES *
 - A. ICBM Deployment
 - B. IRBM and MRBM including search areasi
 - C. Research and Development (including space)
 - D. Production Facilities including test
 - E. Suspect Missile (Search area or undetermined activity)
 - F.
 - G. Naval Launched Missiles
 - H. Anti-Missile Missile
 - I. SAM Sites
 - J. Short Range Surface-to-surface Missiles
 - K. Missile support/storage areas
 - L. SAM Training Complexes
- 2. AIRCRAFT
 - A. Long Range Bases
 - B. Production Facilities (including R and D
 - C. Airfields
- 3. NUCLEAR ENERGY
 - A. Test Area
 - B. Production
 - C. Stockpiles
 - D. Research Institutes
 - E. Suspect Activity
- 4. NAVALACTIVITY
 - A. Operating Bases
 - B. Production Yards
 - C. Commercial Ports
 - D. Locks and Canals

- 5. BIOLOGICAL/CHEMICAL WARFARE
 - A. BW/CW Test Areas (including test)
 - B. Production
 - C. Storage
 - D. Research Institutes
 - E. Suspect Activity
- 6. ELECTRONICS
 - A. Missile Tracking Facilities
 - B. Electronics (general)
- 7. MILITARY
 - A. Military Installations
 - B. Special Areas
 - C.
 - D. Landing Beaches
 - E.
 - F
 - G. Tactical SSM Support Facilities
- B. URBAN/INDUSTRIAL
 - A. Complexes
 - B. Industrial Plants
 - C. Geodetic Control Paints
- 9. OTHER
 - A. Unidentified Installations
- * Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

TCS-80400/67

PREFACE

THIS IS THE ONLY DAK REPORT ON MISSION 1042-1 COVERING THE HIGHEST PRIORITY TARGETS NOT REPORTED IN THE FORTHCOMING MIDDLE EAST EDITION (TCS-80401/67) OR THE SOUTH CHINA/NORTH VIETNAM EDITION (TCS-80402/67).

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS.
LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS FOR CONDITIONS AFFECTING INTERPRETABILITY ARE —— C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), OC (GROUND COVER), CF (CAMOUFLAGE), GR (GROUND RESOLUTION), AND SS (SMALL SCALE).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE

15 DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE

OF COVERAGE IS INDICATED BY ST (STERED), NS (NON-STERED), OR PS

(PARTIAL STEREO).

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

2

TOP SECRET CHESS RUFF

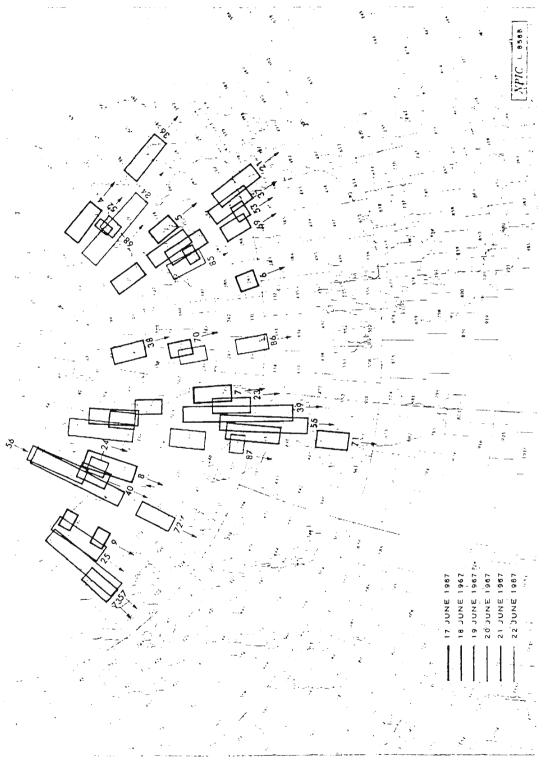
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KH-4 MISSION 1042-1, 17-22 JUNE 1967

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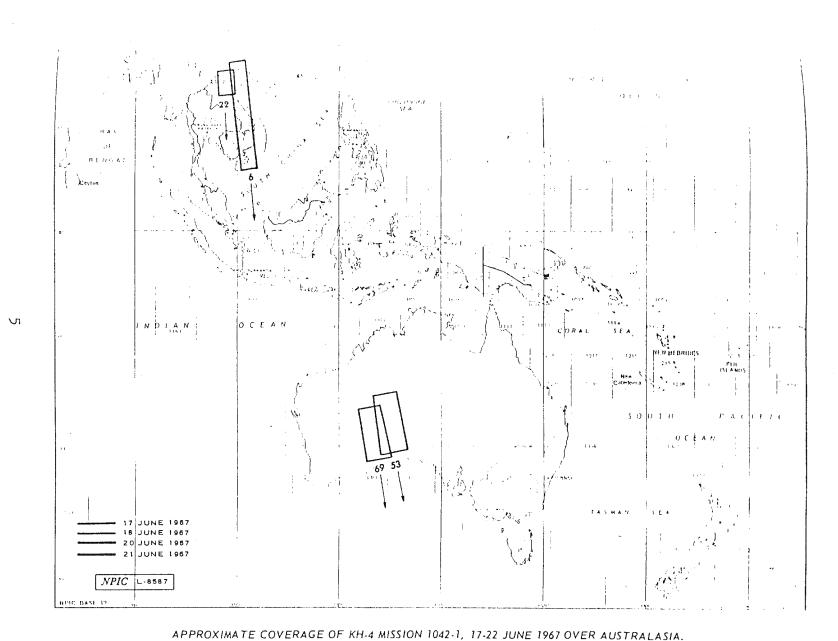


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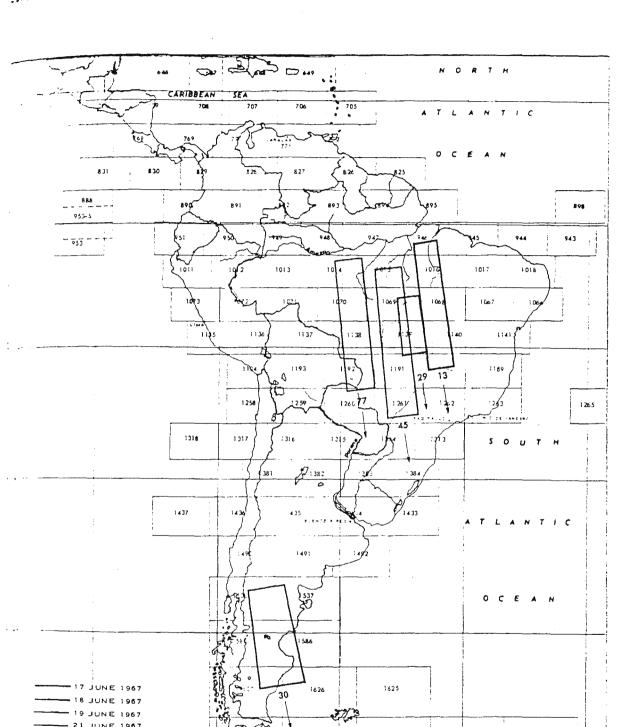
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APPROXIMATE COVERAGE OF KH-4 MISSION 1042-1, 17-22 JUNE 1967 OVER SOUTH AMERICA.

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6

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Highlights

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KH-4 MISSION 1042-1, 17-22 JUN 67

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HIGHLIGHTS

VINE OF THE 24 DEPLOYED ICBM COMPLEXES ARE COVERED ON THIS SION. KOSTROMA AND YURYA ARE COMPLETELY COVERED ON CLEAR THIS SION. KOSTROMA AND YURYA ARE COMPLETELY COVERED ON CLEAR THIS SITUATION OF THE AND YOSHKAR-OLA ARE OBSERVED THROUGH SCATTERED-TO-MEAVY CLOUDS. SIX TYPE IIID SITES ARE NEWLY IDENTIFIED. FIVE SITES, INCLUDING A CONTROL SITE, ARE IDENTIFIED AT OLOVYANNAYA. THESE SITES CONFIRM THE EXISTANCE OF THE NINTH GROUP AT THIS THESE SITES CONFIRM THE EXISTANCE OF THE NINTH GROUP AT THIS TOMPLEX. SUPPORT BUILDINGS FOR THE CONTROL SITE WERE APPARENT IN JAN 67. HOWEVER, THE FIRST EVIDENCE OF A SITE IS ON THIS MISSION. AT KOSTROMA, A POSSIBLE SITE IS IDENTIFIED AT THE TRANSFER POINT.

THE CURRENT NUMBER OF ICBM LAUNCHERS AT THE 24 KNOWN DEPLOYED COMPLEXES (THE FIGURES SHOWN IN PARENTHESIS INDICATE THE NUMBER OF POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN THE TOTALS) IS AS FOLLOWS --

TYPE IIIC	177	(1)
TYPE IIID	5Ø 7	(4)
SUBTOTAL	684	(5)
OTHER LAUNCHERS	2Ø9	
TOTAL	893	(5)

- THE PLESETSK MISSILE AND SPACE CENTER IS IMAGED ON 3 PASSES OF PHOTOGRAPHY ON 19, 20, AND 21 JUNE. NO NEW LAUNCH FACILITIES ARE IDENTIFIED.
- PORTIONS OF THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER INCLUDING THE SAM COMPLEX, LAUNCH COMPLEXES C, D, G, AND H, AND THE AHKTUBINSK/VLADIMIROVKA AIRFIELD ARE VISIBLE ON 21 JUNE IMPOUGH SCATTERED-TO-HEAVY CLOUDS. MISSILE EXERCISES ARE SERVED AT LAUNCH AREAS 1C, 2C, 3C, AND 4C AND THE 2 UNIDENTIFIED DBJECTS REMAIN ON THE PADS AT COMPLEX H. AN AERODYNAMIC VEHICLE IS OBSERVED ON A LAUNCHER AT LAUNCH AREA 3D.
- THE SARY-SHAGAN ANTIMISSILE TEST CENTER IS COVERED ON CLEAR PHOTOGRAPHY. THE RADAR SCREEN UNDER CONSTRUCTION AT HEN ROOST ANTENNA NORTH, SARY-SHAGAN R&D RADAR FACILITY 2, HAS BEEN EXTENDED FROM 300 FEET IN LENGTH IN APRIL 67 TO 450 FEET AS OF 18 JUNE 67.
- TWO PROBABLE LONG RANGE SAM LAUNCH COMPLEXES ARE NEWLY DENTIFIED AT KALININGRAD (54-40N 021-01E) AND VENTSPILS 57-16N 021-28E), USSR. KALININGRAD IS IN AN EARLY-TO-MID TAGE OF CONSTRUCTION WHILE VENTSPILS IS IN AN EARLY STAGE OF CONSTRUCTION.

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JE THE 32 PREVIOUSLY KNOWN PLRS COMPLEXES, 10 ARE OBSERVED ON MISSION UNDER VARIOUS WEATHER CONDITIONS. THEY INCLUDE RESSAARE, KAPUSTIN YAR, PLESETSK, TALLINN, CHEREPOVETS. MURASHI, KOSTROMA, AND SARY-SHAGAN 1 AND 2.

THE SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA, WITH THE EXCEPTION OF THE AIRFIELD IS COVERED ON 17 JUNE PHOTOGRAPHY POOR-TO-FAIR INTERPRETABILITY. NO ACTIVITY IS OBSERVED THE SSM LAUNCH FACILITIES. UNIDENTIFIED CONSTRUCTION CONTINUES AT SUSPECT SSM TRAINING SITES 3 AND 5, LOCATED 56 NORTH AND 88 NM NNE, RESPECTIVELY, OF THE MAIN SUPPORT BASE.

- B. AT THE SEMIPALATINSK NUCLEAR WEAPONS PROVING GROUND, USSR, THE UNDERGROUND TEST FACILITIES AND KONYSTAN TEST AREA ARE COVERED ON OBLIQUE PHOTOGRAPHY OF FAIR INTERPRETABILITY. THE POSSIBLE UNDERGROUND TEST AREA IS IDENTIFIABLE ONLY AT THE FRAME EDGE. APPROXIMATELY 95 PERCENT OF THE SHOT GROUND IS COVERED BY HEAVY CLOUDS AND HAZE. THE MAIN SUPPORT AREA AND SHAGAN RIVER TEST SITE ARE NOT COVERED. NO NEW CRATERS OR PREPARATIONS FOR TESTS NOT PREVIOUSLY REPORTED ARE VISIBLE IN THE AREAS COVERED.
- 9. THIS IS THE FIRST COVERAGE OF THE LOP NOR NUCLEAR TEST SITE, CHINA, 5 DAYS AFTER THE 17 JUNE 67 TEST (CHIC 6). SOME FFFECTS OF THE TEST ARE VISIBLE ON THE GROUND. ALL PARTS OF THE AIRDROP MARKER ARE LESS DISTINCT AND THE T-SIGNS NORTH AND SOUTH OF GZ-2 HAVE BEEN OBLITERATED. A PRONOUNCED LIGHT-TONED AREA CENTERED APPROXIMATELY 1,900 FEET SOUTH OF SZ-2 IS VISIBLE.
- 10. TWO TROPOSCATTER FACILITIES AND A TALL KING-AW RADAR FACILITY ARE NEWLY IDENTIFIED. THE FIRST TROPOSCATTER FACILITY IS LOCATED 21 NM NE OF ARANTUR AT 61-10N 064-00E AND THE OTHER IS LOCATED 9 NM SOUTH OF TATARSKOYE AT 64-36N Ø87-4ØE. THE TALL KING FACILITY IS LOCATED 19 NM SE OF KOTLAS AT 60-59N 846-57E.
- 11. THE SOVIET BUILDUP AT CHOYBALSAN, MONGOLIA, PREVIOUSLY REPORTED ON MISSION 4037, MAY 67, CONTINUES TO SHOW A HIGH LEVEL OF ACTIVITY. A PROBABLE AIRFIELD IS UNDER CONSTRUCTION EAST OF THE COMPLEX AND A NEW TENT CAMP AND MOTOR PARK ARE DBSERVED JUST WEST OF CHOYBALSAN.

STATUS OF TARGET READOUT

THIS DAK REPORTS ON 53 COMOR TARGETS AND 6 BONUS TARGETS.

TABULAR SUMMARY

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RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS WISSION AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

-ABLE 1 -- SOVIET ICBM DEPLOYMENT

ABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT

TABLE 3 -- SAM AND ABM DEPLOYMENT

TABLE 4 -- DEPLOYED PROBABLE LONG RANGE SAN COMPLEXES

TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES

7 TOP SECRET CHESS RUFF

*ALENT KEYHOLE
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KH-4 MISSION 1042-1, 17-22 JUNE 1967

TABLE 1. DEPLOYED ICBM COMPLEXES, TYURATAM MTC AND PLESETSK MSC

- 0.15.FV	TYPE II	TYPE III	TYPI	E IIIC	TYPE	IIID		Pesitiees Missiee	Teta! Lasech	Launch Gree Montified		Extimated Start of Latest	
COMPLEX			Salan (Lassach arts.	Camprata	Sous Launchers	Campiete	IIIC	mo	Pesitions	IIIC	IIID	Green	
ALEYSK			19	6			···		19			Jul 6	
DOMBAROVSKIY			37	12			,		37			Dec 6	
AYANAYYORC	3	3	,	-	51	34		:	66		5	Jun 6	
GLADKAYA	2				61	50		•	68		6	Mar 6	
MENI GASTELLO			25	17	-				25	1	,	Juin 9	
ITATKA	3								6				
KARTALY		11.F (1866	29	12				:	29	5	;	Dec 6	
KOSTROMA	6				30(1#)			(1#)	. 45(1#)		3	Feb 6	
KOZELSK	3	2			40	3			. 52			Feb 6	
NOVOSIBIRSK	3 4 6	2							12		:		
OLOVYANNAYA		3			86	38		5	95	i	9	Dec 6	
					,				. 3		; ;		
PERM	5 ASE				41	40			. 54	-		Apr 6	
SHADRINSK		3.45			i				9		į		
SVOBODNYY	7 25				49(1#)				66(1#)	:	5	Jan 6	
ATISHCHEVO					111(1#)	49			111(1#)		11	Jul 6	
IEYKOVO	6			- 4c mmm			,		12		!		
TYUMEN	2					:			4	i			
UZHUR			42(1#)	18					42(1#)		;	Jan 6	
VERKHNYAYA SALDA	7	2	**************************************						20		1		
YEDROVO	6	2			. 38 (1#)	1			56(1#)	:		Feb 6	
YOSHKAR-OLA	6			- FE FEE					12	:	,		
YURYA	8 14	3							25		:	-	
ZHANGIZ-TOBE			25	12					25		,	Aug 6	
OTALS"	67	25 75	177(1#)	77	507(44)	215		6	893(5#)	29 18	51		
TYURATAM MTC	2	3	9	6	11	11	60 total la Launch Po	unchers incl	udes & other s	ngle silos an	i 17 SSM R&D	l/Space	
PLESETSK MSC	4						39 total SS Type III, a	M Launch Po	pertions incl	udes 6 Type I	, 9 other Type	e II, 10 o	

10

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KH-4 MISSION 1042-1, 17-22 JUNE 1967

TCS-80400/67

TABLE 2. SOVIET MRBM AND IRBM DEPLOYMENT

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	118	9	18	10	155	608
Caucasus	3		2	3	8	29
Central Asia	2	2	1	3	8	29
Far Eastern	9	1		1	11	43
Totals	132	12	21	17	182	709

Totals do not include 100 fixed field-type sites with total of 374 launch positions and one launch facility at Sovetskaya Gavan

TABLE 3. SAM AND ARM DEPLOYMENT

								MINEE	J. J.	A ANI	JABM	DEIL									
	Country																				
		ও	gs ^R	Albania P	dulgaria	zechos!	ovakla Bei Cer	rishing ary	oland	umania	ugos lavi	ina k	Aongolla	orth Lot	es donesis	क्षेत्र (Juba .	India A	orth Vie	dan Bran	dale
		56	-			1							· · · · · · · · · · · · · · · · · · ·				-			56	Confirmed
	SA-1					<u> </u>	1	_											<u> </u>	1	Probable
	37-1						1	-							!					ï	Possible
		1	_							_										<u> </u>	Training
		1032	2	19	25	54	16	32	18	5	21	2	10	5	35	24	16	168	1	1 1487	Confirmed
AM sites	SA-2	2			1	1		1			1	_	. 1		1			i _ 1		7	Probable
TO BREE	34-2																	. 3		3	Possible
		35			1	,		,			9		·	1	3	2	1	2	•	54	Training *
	SA-3	110									i					:	.,			110	Confirmed
		,			***************************************	,				*****	1					;	,			1	Probable
						:	1	1			,									1	Possible
		13			,		+							•					****	13	Training *
		206	· 1	4	6	4	1 4	6	2	1			1	1	5	6	3	1		251	Confirmed
2 SAM Sup	mort	2		2			Ţ								1				:	6	Probable
acilities	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			+		~~~	÷							,						X	Possible
					• • • •	•	*	***************************************		-							•			:'	1
		14				·	-		-		•					***************************************			,	: 14	Confirmed
1-3 SAM Ass	sembly	2					*****		•											2	Probable
acilities	,		***************************************			-						-						-			Possible
					• •	•												.,		,	:
	·	34				:												i		34	Confirmed
· i'robable -															1			i	<u> </u>	Ľ	ii Probable
ong Range	SAM	-						•	_ ,										i	ľ T	Possible
								_												i	Suspect
		7																		. 7	Confirmed
' iiM Compl	exes					1	;													!	Probable
pro-				• • • •		· ·	†			-											Possible

[·] rs not include alternate sites, USSR

^{***}Total reflects individual sites

^{&#}x27;es not include 31 abandoned sites

⁺Includes 2 Probable R & D or Training sites at SSATC

WARNING

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 - A. Unidentified Installations

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TCS-80400/67

TABLE OF CONTENTS

PREFACE	2
TRACK OF MISSION	3
HIGHLIGHTS	7
MISSILES	14
AIR FACILITIES	29
NUCLEAR ENERGY	30
ELECTRONICS/COMMUNICATIONS	34
MILITARY ACTIVITY	36
COMPLEXES	37
INDEX OF TARGETS	38
ATTACHMENTS	APPENDIX

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TABLE 4. DEPLOYED PROBABLE LONG RANGE SAM COMPLEXES

Complex	Sites Positions	Tracking/Guidance Facility No of Positions	Associated Air Warning Facility	Orientation	Complex	Sites Positions	Tracking/Guidance Facility Na of Positions	Associated Air Warning Facility	Orientalia
 Angarsk	3	3	· ·	355°	LIEPAJA	Positions	No of Positions	r	244
BABAYEVO	3	3		314°	MOZHAYSK	3	3	+ +	285°
BORSHCHEV	100				MURASHI	5	5	▶ Prob	341*
CHELYABINSK		3		321°	NEYA	3	3		298°
CHEREPOVETS	5	5	-	360°	NIZHNIY TAGIL	3	3		360°
FEODOSIYA	3	3	r	133°	NIZHNYAYA TURA	3	3		208°
KALININ	3	3		308°	PERESLAVI. ZALESSKIY	3	. 3	r	323°
KALININGRAD	3	3	4. V. V.	28 4°	PLESETSK	3 50 7	3	"	:] 356*
KAPUSTIN YAR	2	2		201°	SARY-SHAGAN I	3	3 .	~	113"
KHABAROVSK	3	3		85°	SARY-SHAGAN 2	2	2	r	237*
KIMRY		3	•	311°	SHARYA	2	2		295°
KIYEV	3 7 7 7 7	3	*	230°	SVERDLOVSK	3	3	r	325*
KOSTROMA	3	3		337°	TALLINN	5 A 1888	5	r	283°
KRASNOYARSK	3	3		36°	TOMSK		3		342°
KURESSAARE	3	3		280°	VENTSPILS	3	3		208*
LENINGRAD NE	5	5		18°	VOLGOGRAD		3	"	150"
LENINGRAD NW	5 1 1 2 0 1 A	\$		315°			199 4 1 119		
LENINGRAD SW	5	5		205°			the common terms of the state o		
					TOTALS 34	111	110	13+1 Prob	

Covered this mission

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^{*} Probable R&D or training associated

Identified at this complex

TABLE 5. DATE/TIME OF PHOTOGRAPHIC PASSES

Pass	Date	Came	ra UN	Came	ra OFF			Camer	14 ON 1	Camori	+ + 0 3
1.922	Date	Hr(Z)	Min(Z)	Hr(Z)	Min(Z)	Pass	Date	Hr(Z)	Min(Z)	Hr(Z)	Min(Z)
4D	17 Jun 67	03	32	03	33	52D	20 Jun 67	03	32	0.3	32
5D	17 Jun 67	05	05	05	06	53D (Part 1)	20 Jun 67	05	()4	05	06
6D (Part 1)	17 Jun 67	06	38	06	39	53D (Part 2)	20 Jun 67	05	07	05	08
6D (Part 2)	17 Jun 67	06	43	06	46	53D (Part 3)	20 Jun 67	05	23	05	25
7D	17 Jun 67	08	06	08	08	55D (Part 1)	20 Jun 67	08	01	D8	02
8D	17 Jun 67	09	33	09	35	55D (Part 2)	20 Jun 67	()8	06	08	10
9D (Part 1)	17 Jun 67	11	04	11	04	56D	20 Jun 67	09	29	09	32
9D (Part 2)	17 Jun 67	11	05	11	06	57D (Part 1)	20 Jun 67	11	02	11	05
9D (Part 3)	17 Jun 67	11	10	11	12	57D (Part 2)	20 Jun 67	11	09	11	10
9D (Part 4)	17 Jun 67	11	18	11	19	57D (Part 3)	20 Jun 67	11	19	11	22
10D	17 Jun 67	12	41	12	42	58D	20 Jun 67	12	40	12	42
11D	17 Jun 67	14	12	14	12	59D	20 Jun 67	14	11	14	12
13D	17 Jun 67	17	19	17	23						
						68D	21 Jun 67	03	30	03	31
21D	18 Jun 67	05	08	05	10	69D (Part 1)	21 Jun 67	05	03	05	04
22D	18 Jun 67	06	43	06	44	69D (Part 2)	21 Jun 67	05	05	05	06
23D (Part 1)	18 Jun 67	08	03	08	05	69D (Part 3)	21 Jun 67	05	22	05	24
23D (Part 2)	18 Jun 67	08	07	08	09	70D	21 Jun 67	06	32	06	33
24D	18 Jun 67	09	33	09	34	71D (Part 1)	21 Jun 67	08	00	08	01
25D (Part 1)	18 Jun 67	11	04	11	06	71D (Part 2)	21 Jun 67	08	05	08	07
25D (Part 2)	18 Jun 67	11	11	11	13	71D (Part 3)	21 Jun 67	08	08	08	10
26D	18 Jun 67	12	43	12	44	72D (Part 1)	21 Jun 67	09	28	09	32
29D	18 Jun 67	17	21	17	23	72D (Part 2)	21 Jun 67	09	33	09	34
30D	18 Jun 67	18	59	19	01	73D	21 Jun 67	11	03	11	04
0.00			• ,		0.	74D (Part 1)	21 Jun 67	12	37	12	38
						74D (Part 2)	21 Jun 67	12	39	12	40
36D	19 Jun 67	03	35	03	37	77D	21 Jun 67	17	16	17	20
37D (Part 1)	19 Jun 67	05	.02	05	04						
37D (Part 2)	19 Jun 67	05	04	05	06	84D	22 Jun 67	03	27	03	31
37D (Part 3)	19 Jun 67	05	07	05	09	85D	22 Jun 67	05	01	05	02
38D	19 Jun 67	06	32	. 06	33	86D (Part 1)	22 Jun 67	06	30	06	31
39D	19 Jun 67	08	05	08	10	86D (Part 2)	22 Jun 67	06	33	06	34
40D	19 Jun 67	09	32	09	33	87D (Part 1)	22 Jun 67	07	56	07	59
41D	19 Jun 67	11	10	. 11	11	87D (Part 2)	22 Jun 67	08	01	08	02
45D	19 Jun 67	17	19	17	24	87D (Part 3)	22 Jun 67	08	03	08	03

Handle Via TALENT-KEYHOLE Control System Only

TOP SECRET CHESS RUFF

KH-4 MISSION 1042-1, 17-22 JUN 67

TCS-80400/67

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

72D F/124,125 (73.8-14.6) & A/123 SC,H,CS p T PS

LIPUSTIN YAR SAM LAUNCH COMPLEX

UR 4848N Ø4545E 1CØØØ1K

THE SAM LAUNCH COMPLEX IS COVERED ON PHOTOGRAPHY WITH FAIR-TO-POOR INTERPRETABILITY.

PRECISION TRACKING RADAR FACILITY -- UNIDENTIFIED GROUND SCARRING IS OBSERVED WITHIN THE SECURED FACILITY ALONG THE SE FENCE LINE. THIS SCARRING WAS NOT OBSERVED ON MISSION 4037, 25 MAY 67.

NO APPARENT CHANGES IN FACILITIES ARE OBSERVED AT THE PROBABLE LONG RANGE SAM LAUNCH FACILITY, THE R & D LAUNCH AREA, THE SA-1 LAUNCH SITE, OR THE SA-2 AND SA-3 LAUNCH AREAS. ALTHOUGH LIMITING CONDITIONS PRECLUDE AN ACCURATE COUNT AND IDENTIFICATION OF VEHICLES/PIECES OF FOULPMENT, THERE DOES NOT APPEAR TO BE ANY INCREASE IN ACTIVITY.

OPERATIONAL SAM SITE B30-2 -- OCCUPANCY IS UNDETERMINED.

NO APPARENT CHANGE IS OBSERVED AT THE R & D AND SA-1 YOYO GUIDANCE SITES, THE SAM HOUSING AND SUPPORT AREA. THE SAM WARHEAD AREA (50 PERCENT CLOUD COVERED), THE TROPOSCATTER AND MICROWAVE COMMUNICATIONS FACILITY (50 PERCENT CLOUD SHADOW), THE SAM CHECKOUT AND STORAGE AREA (95 PERCENT CLOUD COVERED), THE ELECTRONIC TEST FACILITY, KY AIRFIELD (50 PERCENT SCATTERED CLOUD COVER), AND THE BASE SUPPORT COMPLEX.

SAM MARSHALLING AREA -- MARSHALLING APRONS 1 THROUGH 6 ARE OCCUPIED BY VEHICLES/PIECES OF EQUIPMENT. REDUCTION IN THE NUMBER OF VEHICLES/PIECES OF EQUIPMENT ON APRON 6 IS APPARENT SINCE MISSION 4037. APRONS 7, 8, AND 9 APPEAR UNDCCUPIED.

SAM TRAINING SITES A AND B -- NO ACTIVITY AND NO APPARENT CHANGE IN FACILITIES OBSERVED. SAM TRAINING SITE C IS CLOUD COVERED.

INSTRUMENTATION SITES 1 AND 4-9 CAN BE IDENTIFIED ONLY. SITE 2 IS CLOUD COVERED AND SITE 3 IS NEARLY DBSCURED

19

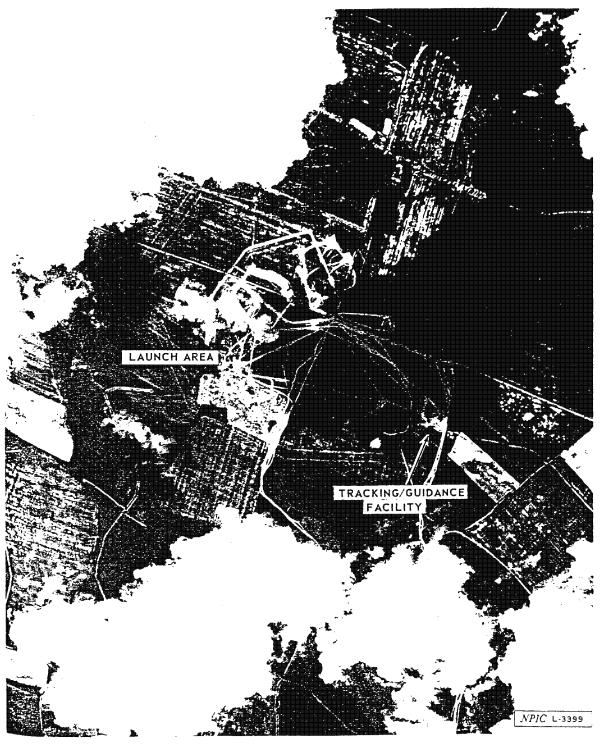
TOP SECRET CHESS RUFF

Approved for Release: 2019/01/11 C05105860

Attachments

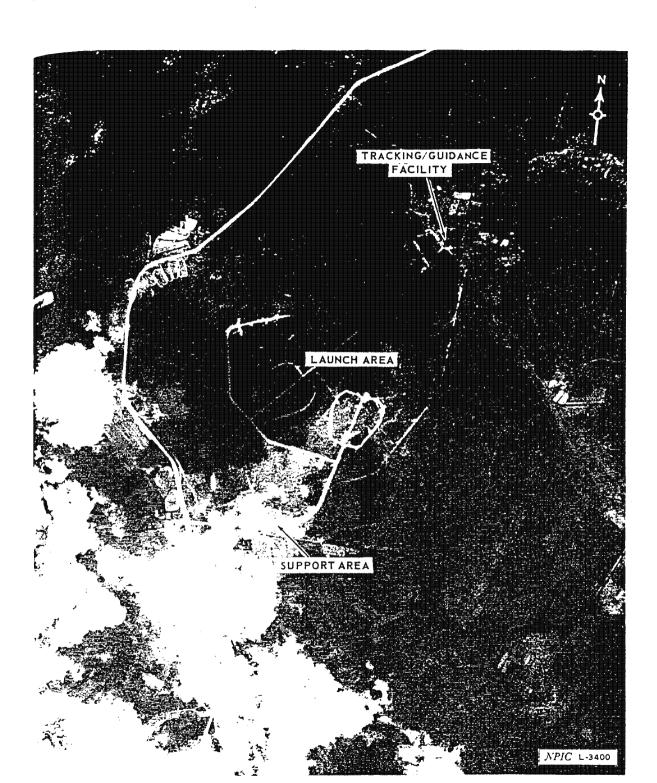
Approved for Release: 2019/01/11 C05105860

ATTACHMENT 1



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, KALININGRAD, USSR (MISSILE BONUS)

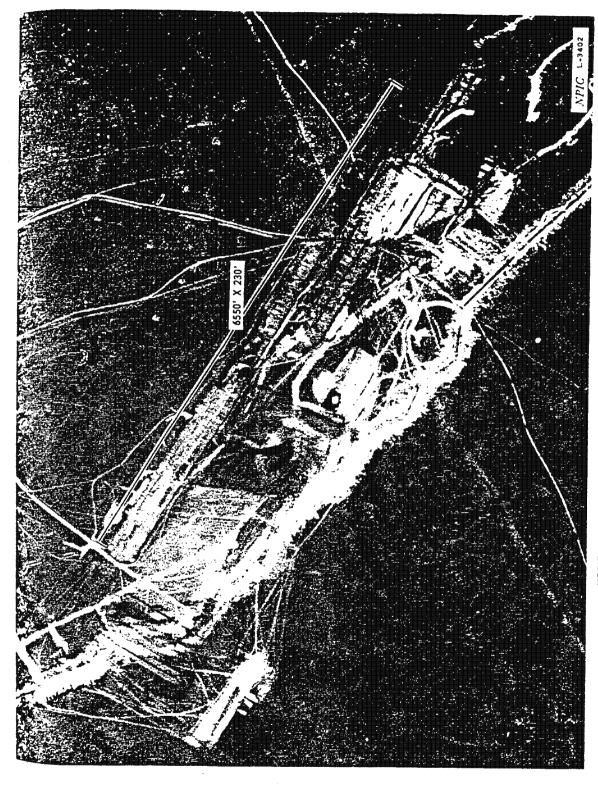
TOP SECRET CHESS RUFF



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, VENTSPILS, USSR (MISSILE BONUS)

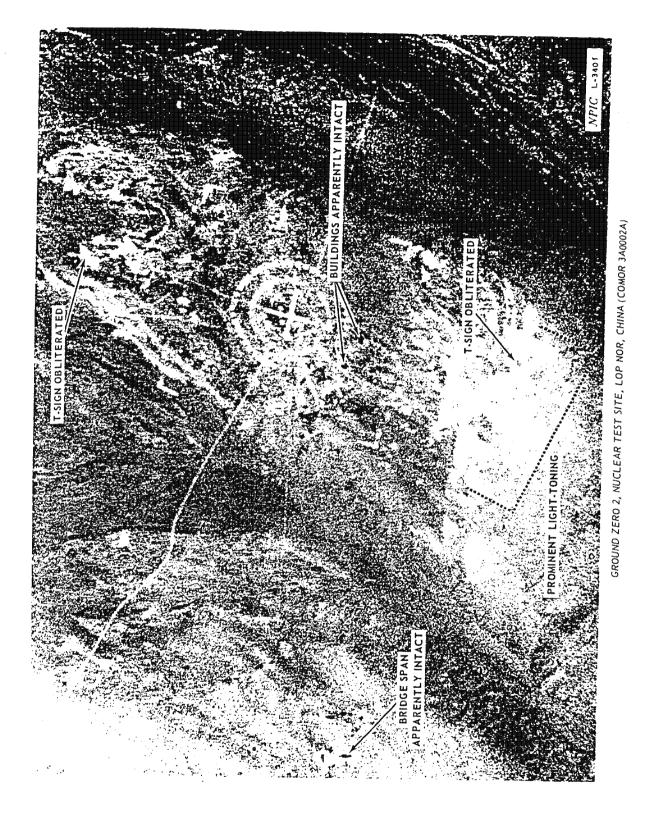
TOP SECRET CHESS RUFF





AIRFIELD UNDER CONSTRUCTION, CHOYBALSAN, MONGOLIA (AIRFIELD BONUS)

TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF