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PHOTOGRAPHIC INTERPRETATION REPORT



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



JUNE 1967

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42 PAGES

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## WARNING

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## TARGET CATEGORIES

1. GUIDED MISSILES \*
    - A. ICBM Deployment
    - B. IRBM and MRBM including search areas:
    - 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. NAVAL ACTIVITY
    - 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
  8. URBAN/INDUSTRIAL
    - A. Complexes
    - B. Industrial Plants
    - C. Geodetic Control Points
  9. OTHER
    - A. Unidentified Installations
- \* Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.



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

PREFACE

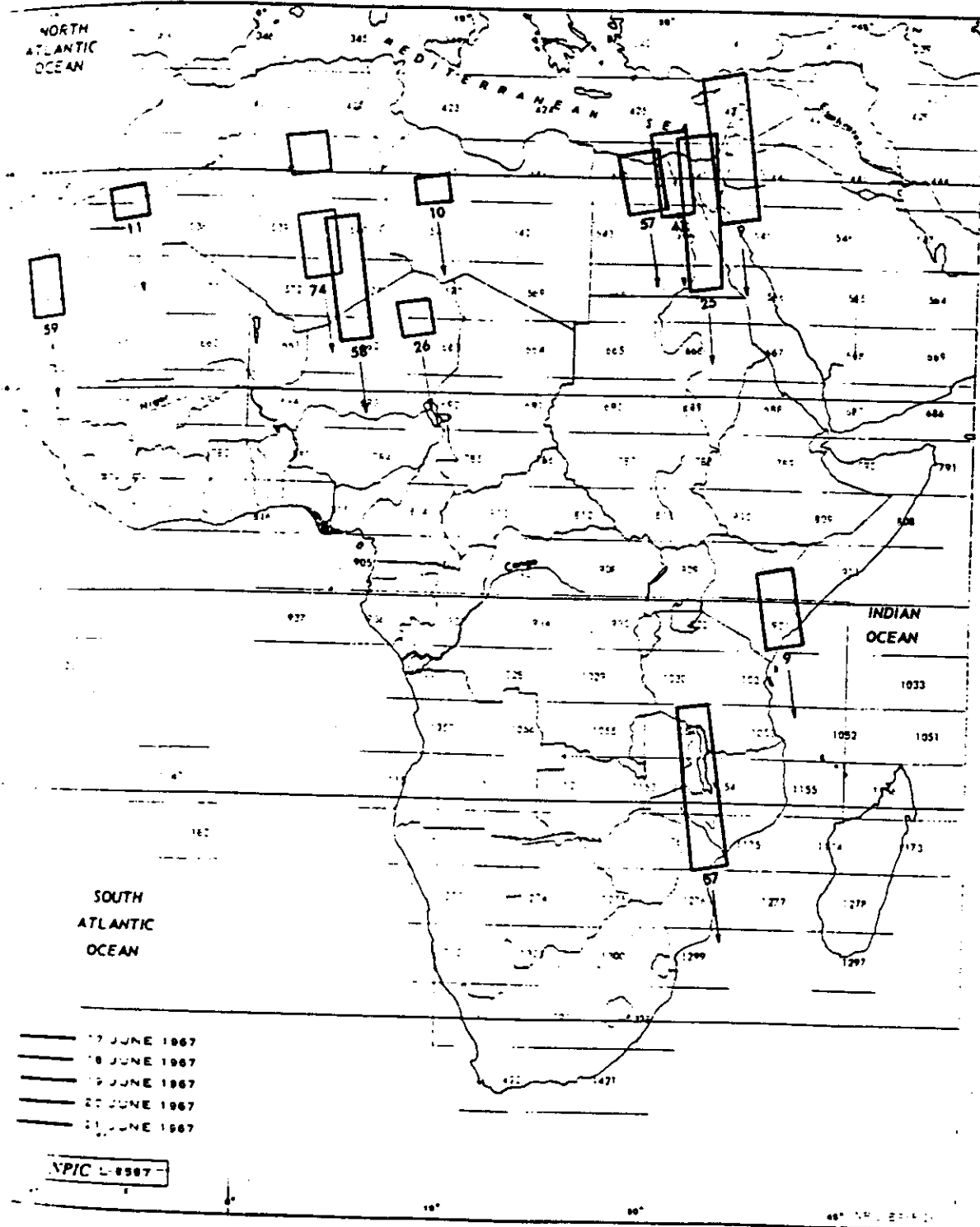
THIS IS THE ONLY OAK REPORT ON MISSION 1042-1 COVERING THE HIGHEST PRIORITY TARGETS NOT REPORTED IN THE FORTHCOMING MIDDLE EAST EDITION [REDACTED] OR THE SOUTH CHINA/NORTH VIETNAM EDITION [REDACTED].

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), MC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), GC (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 IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL 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 ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

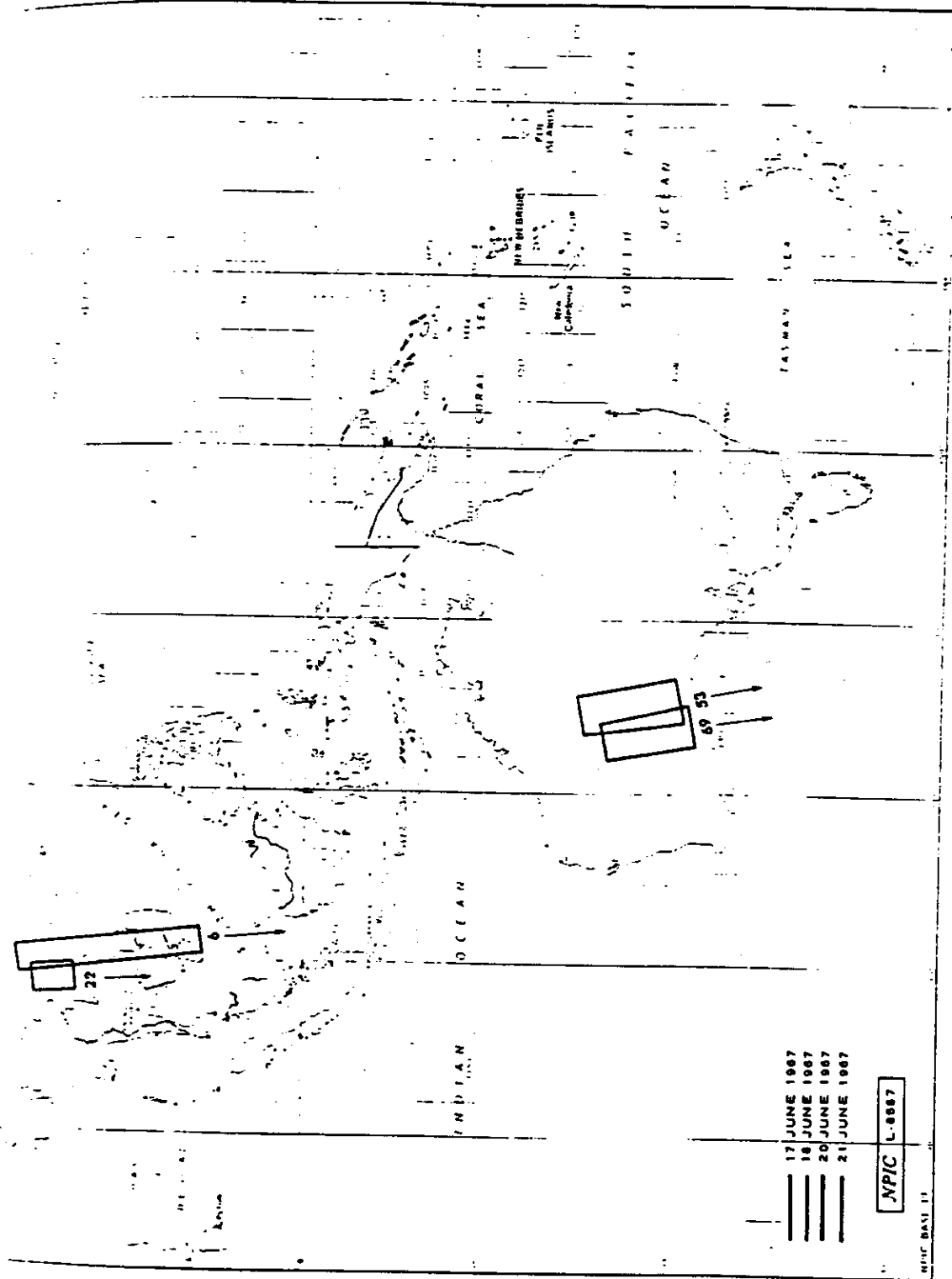


APPROXIMATE COVERAGE OF KH-4 MISSION 1042-1, 17-22 JUNE 1967 OVER AFRICA AND MIDDLE EAST.

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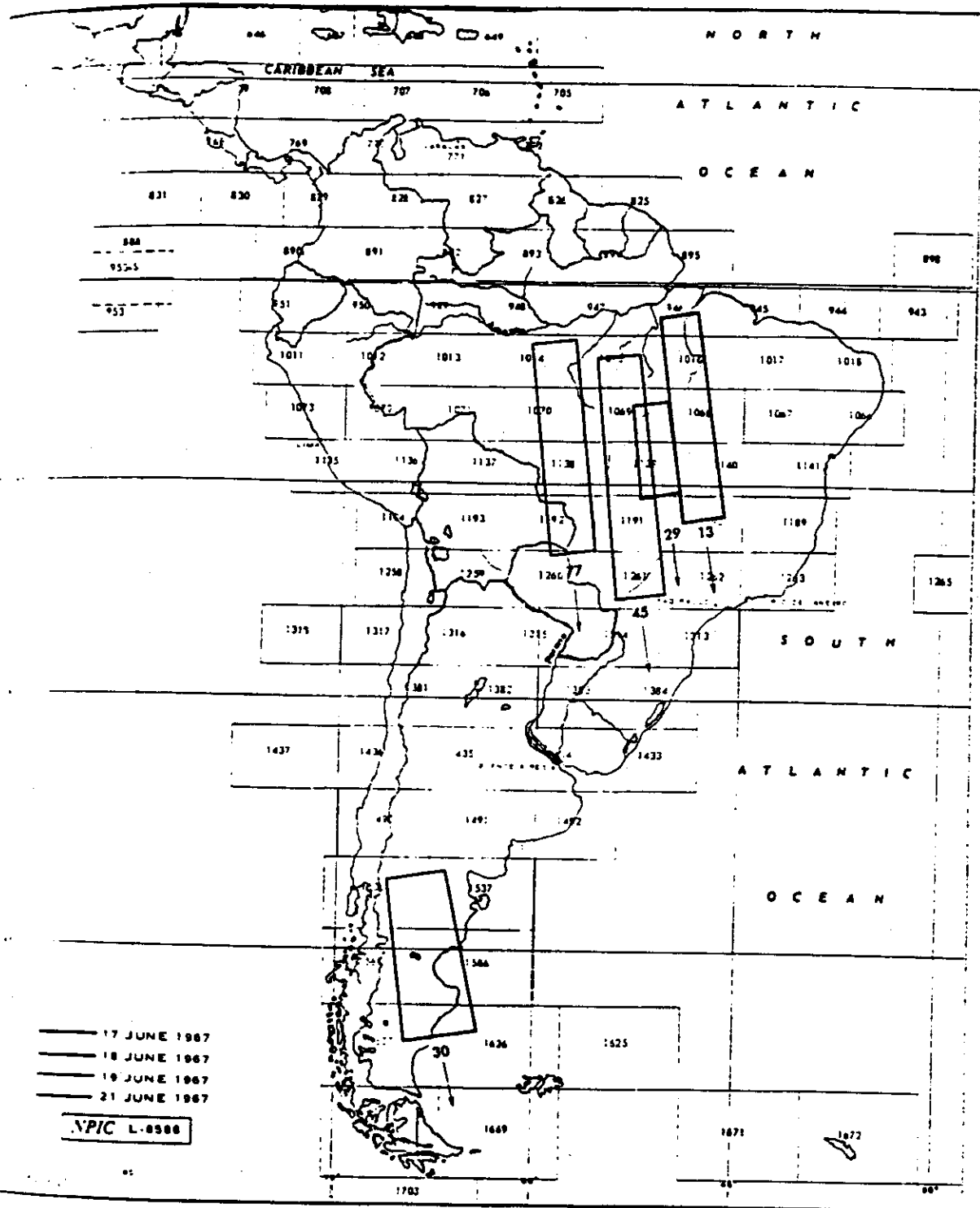
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APPROXIMATE COVERAGE OF KH-4 MISSION 1042-1, 17-22 JUNE 1967 OVER AUSTRALASIA.

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- 17 JUNE 1967
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- · · 19 JUNE 1967
- · - 21 JUNE 1967

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

## **Highlights**



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

HIGHLIGHTS

NINE OF THE 24 DEPLOYED ICBM COMPLEXES ARE COVERED ON THIS MISSION. KOSTROMA AND YURYA ARE COMPLETELY COVERED ON CLEAR PHOTOGRAPHY. DROVYANAYA, IMENI GASTELLO, OLOVYANNAYA, TATISHCHEVO, PEYKJVO, UZHUR, AND YOSHKAR-OLA ARE OBSERVED THROUGH SCATTERED-TO-HEAVY 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 COMPLEX. 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	507 (4)
SUBTOTAL	684 (5)
OTHER LAUNCHERS	209
TOTAL	893 (5)

2. 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.

3. PORTIONS OF THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER INCLUDING THE SAM COMPLEX, LAUNCH COMPLEXES C, D, G, AND H, AND THE AKHTUBINSK/VLADIMIROVKA AIRFIELD ARE VISIBLE ON 21 JUNE THROUGH SCATTERED-TO-HEAVY CLOUDS. MISSILE EXERCISES ARE OBSERVED AT LAUNCH AREAS 1C, 2C, 3C, AND 4C AND THE 2 UNIDENTIFIED OBJECTS REMAIN ON THE PADS AT COMPLEX H. AN AERODYNAMIC VEHICLE IS OBSERVED ON A LAUNCHER AT LAUNCH AREA 3D.

4. THE SARY-SHAGAN ANTIMISSILE TEST CENTER IS COVERED ON CLEAR PHOTOGRAPHY. THE RADAR SCREEN UNDER CONSTRUCTION AT HEN ROOST ANTENNA NORTH, SARY-SHAGAN RED RADAR FACILITY 2, HAS BEEN EXTENDED FROM 300 FEET IN LENGTH IN APRIL 67 TO 450 FEET AS OF 19 JUNE 67.

5. TWO PROBABLE LONG RANGE SAM LAUNCH COMPLEXES ARE NEWLY IDENTIFIED AT KALININGRAD (54-40N 021-01E) AND VENTSPILS (57-16N 021-28E), USSR. KALININGRAD IS IN AN EARLY-TO-MID STAGE OF CONSTRUCTION WHILE VENTSPILS IS IN AN EARLY STAGE OF CONSTRUCTION.

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OF THE 32 PREVIOUSLY KNOWN PLRS COMPLEXES, 10 ARE OBSERVED ON THIS MISSION UNDER VARIOUS WEATHER CONDITIONS. THEY INCLUDE BRESSAARE, KAPUSTIN YAR, PLESETSK, TALLINN, CHEREPOVETS, [REDACTED] PAJA, 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 WITH POOR-TO-FAIR INTERPRETABILITY. NO ACTIVITY IS OBSERVED AT THE SSM LAUNCH FACILITIES. UNIDENTIFIED CONSTRUCTION CONTINUES AT SUSPECT SSM TRAINING SITES 3 AND 5, LOCATED 56 NM NORTH AND 88 NM NNE, RESPECTIVELY, OF THE MAIN SUPPORT BASE.

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.

THIS IS THE FIRST COVERAGE OF THE LOP NOR NUCLEAR TEST SITE, CHINA, 5 DAYS AFTER THE 17 JUNE 67 TEST (CHIC 6). SOME EFFECTS 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 GZ-2 IS VISIBLE.

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 087-40E. THE TALL KING FACILITY IS LOCATED 19 NM SE OF KOTLAS AT 60-59N 046-57E.

THE SOVIET BUILDUP AT CHOYBALSAN, MONGOLIA, PREVIOUSLY REPORTED ON MISSION [REDACTED] 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 OBSERVED JUST WEST OF CHOYBALSAN.

STATUS OF TARGET READOUT

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

TABULAR SUMMARY



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

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 3 -- SAM AND ABM DEPLOYMENT
- TABLE 4 -- DEPLOYED PROBABLE LONG RANGE SAM COMPLEXES
- TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES

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

COMPLEX	TYPE II		TYPE III		TYPE IIC		TYPE IID		Row Positions This Mission		Total Launch Positions	Launch Groups Manifested		Estimated Start of Launch Group
	A-D	AAA					RIC	RID				I-Electronic Facilities		
	Sites	Sites	Sites	Comps	Sites	Comps					RIC	RID		
ALEYSK					19	6					19	3		Jul 66
DOMBAROVSKIY					37	12					37	6		Dec 66
DROVYANAYA	3	3					51	34			66		5	Jun 66
GLADKAYA	2	1					61	50			68		6	Mar 66
IMENI GASTELLO					25	17					25	4		Jun 66
KATKA	3										6			
KARTALY					29	12					29	5		Dec 66
KOSTROMA	6	1					30(1#)			(1#)	45(1#)		3	Feb 67
KOZELSK	3	2					40	3			52		4	Feb 67
NOVOSIBIRSK	3	2									12			
OLOVYANNAYA		3					86	38		5	95		9	Dec 66
OMSK		1									3			
PERM	5	1					41	40			54		4	Apr 66
SHADRINSK		3									9			
SVOBODNYI	7	1					49(1#)				66(1#)		5	Jan 67
TATISHCHEVO							111(1#)	49			111(1#)		11	Jul 66
TEYKOVO	6										12			
TYUMEN	2										4			
UZHUR					42(1#)	18					42(1#)		7	Jan 67
VERKHNYAYA SALDA	7	2									20			
VEDROVO	6	2					38 (1#)	1			56(1#)		4	Feb 67
YOSHKAR-OLA	6										12			
YURVA	8	3									25			
ZHANGIZ-TOBE					25	12					25	4		Aug 66
TOTALS	67	25			177(1#)	77	507(4#)	215		6	893(5#)	29	51	
TYURATAM MTC	2	3			9	6	11	11			60 total launchers includes 4 other single sites and 17 SSN R&D/Space Launch Positions			
PLESETSK MSC	4	1									39 total SSN Launch Positions -- includes 6 Type I, 8 other Type II, 10 other Type III, and 1 C (also 12)			

Deployed This Mission (R) Possible The Possible Sites Are Not Included In The Total Count

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 ABM DEPLOYMENT

	Country																Total***					
	USSR	Albania	Bulgaria	Czechoslovakia	East Germany	Hungary	Poland	Rumania	Yugoslavia	China	Mongolia	North Korea	Indonesia	Egypt	Cuba	India			North Vietnam	Algerian		
SA-1	56																		56	Confirmed		
																					Probable	
																					Possible	
	1032	2	19	25	54	16	32	18	5	21	2	10	5	35	24	16	168	1	1487	1	Training	
SA-2	2			1	1					1										7	Confirmed	
	35			1																3	Probable	
	110									9				1	3	2	1	2		54	Training***	
SA-3	1																			110	Confirmed	
							1													1	Probable	
	13																			1	Possible	
2 SAM Support Activities	206	1	4	6	4	4	6	2	1			1	1	5	6	3	1			13	Training***	
	2		2					1													251	Confirmed
																					6	Probable
																						Possible
3 SAM Assembly Activities	14																				14	Confirmed
	2																				2	Probable
																						Possible
Probable Long Range SAM	34																				34	Confirmed
																						Probable
																						Possible
																						Suspect
SAM Complexes	7																				7	Confirmed
																						Probable
																						Possible

\*\*\*Total reflects individual sites  
 -Includes 2 Probable R & D or Training sites at SSATC

TABLE 4 DEPLOYED PROBABLE LONG RANGE SAM COMPLEXES

Complex	Sites	Tracking/Guidance Facility No of Positions	Associated Air Warning Facility	Orientation	Complex	Sites	Tracking/Guidance Facility No of Positions	Associated Air Warning Facility	Orientation	
ANGARSK	3	3	✓	355°	LIEPAJA	5	5	✓	244°	
BABAYEVO	3	3		314°	MOZHAYSK	3	3		285°	
BOBHCHEV	1				MURASHI	5	5	✓ Prob	341°	
CHELYABINSK	3	3		321°	NEVA	3	3		298°	
CHEREPOVETS	5	5	✓	360°	NIZHNIY TAGH	3	3		360°	
FEODOSIYA	3	3	✓	133°	NIZHNYAYA TURA	3	3		208°	
KALININ	3	3		308°	PERESLAVL-ZALESKIY	3	3	✓	323°	
KALININGRAD	3	3		284°	PLESETSK	3	3	✓	356°	
KAPUSTIN YAR	2	2		201°	SARY-SHAGAN 1	3	3	✓	113°	
KHABAROVSK	3	3		85°	SARY-SHAGAN 2	2	2	✓	237°	
KHMY	3	3		311°	SHARYA	2	2		295°	
KIYEV	3	3	✓	230°	SVERDLOVSK	3	3		325°	
KOSTROMA	3	3		337°	TALLINN	5	5	✓	283°	
KRASNOYARSK	3	3		36°	TOMSK	3	3	✓	342°	
KURESSAARE	3	3		280°	VENTSPILS	3	3		208°	
LENINGRAD NE	5	5		18°	VOLOGRAD	3	3		150°	
LENINGRAD NW	5	5		315°						
LENINGRAD SW	5	5		205°						
					TOTALS	34	111		110	(3+) Prob

★ Covered this mission  
 \* Probable R&D or training associated  
 ✓ Identified at this complex

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TABLE 5. DATE/TIME OF PHOTOGRAPHIC PASSES

Pass	Date	Camera ON		Camera OFF		Pass	Date	Camera ON		Camera OFF	
		Hr(Z)	Min(Z)	Hr(Z)	Min(Z)			Hr(Z)	Min(Z)	Hr(Z)	Min(Z)
40D	17 Jun 67	03	32	03	33	52D	20 Jun 67	03	32	03	32
50D	17 Jun 67	05	05	05	06	53D (Part 1)	20 Jun 67	05	04	05	06
60D (Part 1)	17 Jun 67	06	38	06	39	53D (Part 2)	20 Jun 67	05	07	05	08
60D (Part 2)	17 Jun 67	06	43	06	46	53D (Part 3)	20 Jun 67	05	23	05	25
70D	17 Jun 67	08	06	08	08	55D (Part 1)	20 Jun 67	08	01	08	02
80D	17 Jun 67	09	33	09	35	55D (Part 2)	20 Jun 67	08	06	08	10
90D (Part 1)	17 Jun 67	11	04	11	04	56D	20 Jun 67	09	29	09	32
90D (Part 2)	17 Jun 67	11	05	11	06	57D (Part 1)	20 Jun 67	11	02	11	05
90D (Part 3)	17 Jun 67	11	10	11	12	57D (Part 2)	20 Jun 67	11	09	11	10
90D (Part 4)	17 Jun 67	11	18	11	19	57D (Part 3)	20 Jun 67	11	19	11	22
100D	17 Jun 67	12	41	12	42	58D	20 Jun 67	12	40	12	42
110D	17 Jun 67	14	12	14	12	59D	20 Jun 67	14	11	14	12
130D	17 Jun 67	17	19	17	23						
210D	18 Jun 67	05	08	05	10	68D	21 Jun 67	03	30	03	31
220D	18 Jun 67	06	43	06	44	69D (Part 1)	21 Jun 67	05	03	05	04
230D (Part 1)	18 Jun 67	08	03	08	05	69D (Part 2)	21 Jun 67	05	05	05	06
230D (Part 2)	18 Jun 67	08	07	08	09	69D (Part 3)	21 Jun 67	05	22	05	24
240D	18 Jun 67	09	33	09	34	70D	21 Jun 67	06	32	06	33
250D (Part 1)	18 Jun 67	11	04	11	06	71D (Part 1)	21 Jun 67	08	00	08	01
250D (Part 2)	18 Jun 67	11	11	11	13	71D (Part 2)	21 Jun 67	08	05	08	07
260D	18 Jun 67	12	43	12	44	71D (Part 3)	21 Jun 67	08	08	08	10
290D	18 Jun 67	17	21	17	23	72D (Part 1)	21 Jun 67	09	28	09	32
300D	18 Jun 67	18	59	19	01	72D (Part 2)	21 Jun 67	09	33	09	34
360D	19 Jun 67	03	35	03	37	73D	21 Jun 67	11	03	11	04
370D (Part 1)	19 Jun 67	05	02	05	04	74D (Part 1)	21 Jun 67	12	37	12	38
370D (Part 2)	19 Jun 67	05	04	05	06	74D (Part 2)	21 Jun 67	12	39	12	40
370D (Part 3)	19 Jun 67	05	07	05	09	77D	21 Jun 67	17	16	17	20
380D	19 Jun 67	06	32	06	33	84D	22 Jun 67	03	27	03	31
390D	19 Jun 67	08	05	08	10	85D	22 Jun 67	05	01	05	02
400D	19 Jun 67	09	32	09	33	86D (Part 1)	22 Jun 67	06	30	06	31
410D	19 Jun 67	11	10	11	11	86D (Part 2)	22 Jun 67	06	33	06	34
450D	19 Jun 67	17	19	17	24	87D (Part 1)	22 Jun 67	07	56	07	59
						87D (Part 2)	22 Jun 67	08	01	08	02
						87D (Part 3)	22 Jun 67	08	03	08	03

[REDACTED]  
KH-4 MISSION 1042-1, 17-22 JUN 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

1. PLUSTIN YAR SAM LAUNCH COMPLEX

UR 4848N 04545E 1C0001K

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 [REDACTED]

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 EQUIPMENT, THERE DOES NOT APPEAR TO BE ANY INCREASE IN ACTIVITY.

OPERATIONAL SAM SITE [REDACTED] -- 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. A REDUCTION IN THE NUMBER OF VEHICLES/PIECES OF EQUIPMENT ON APRON 6 IS APPARENT SINCE MISSION [REDACTED] APRONS 7, 8, AND 9 APPEAR UNOCCUPIED.

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 OBSCURED



## **Attachments**

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~~TOP SECRET~~ [REDACTED] ~~RUFF~~  
KH-4 MISSION 1042-1, 17-22 JUNE 1967

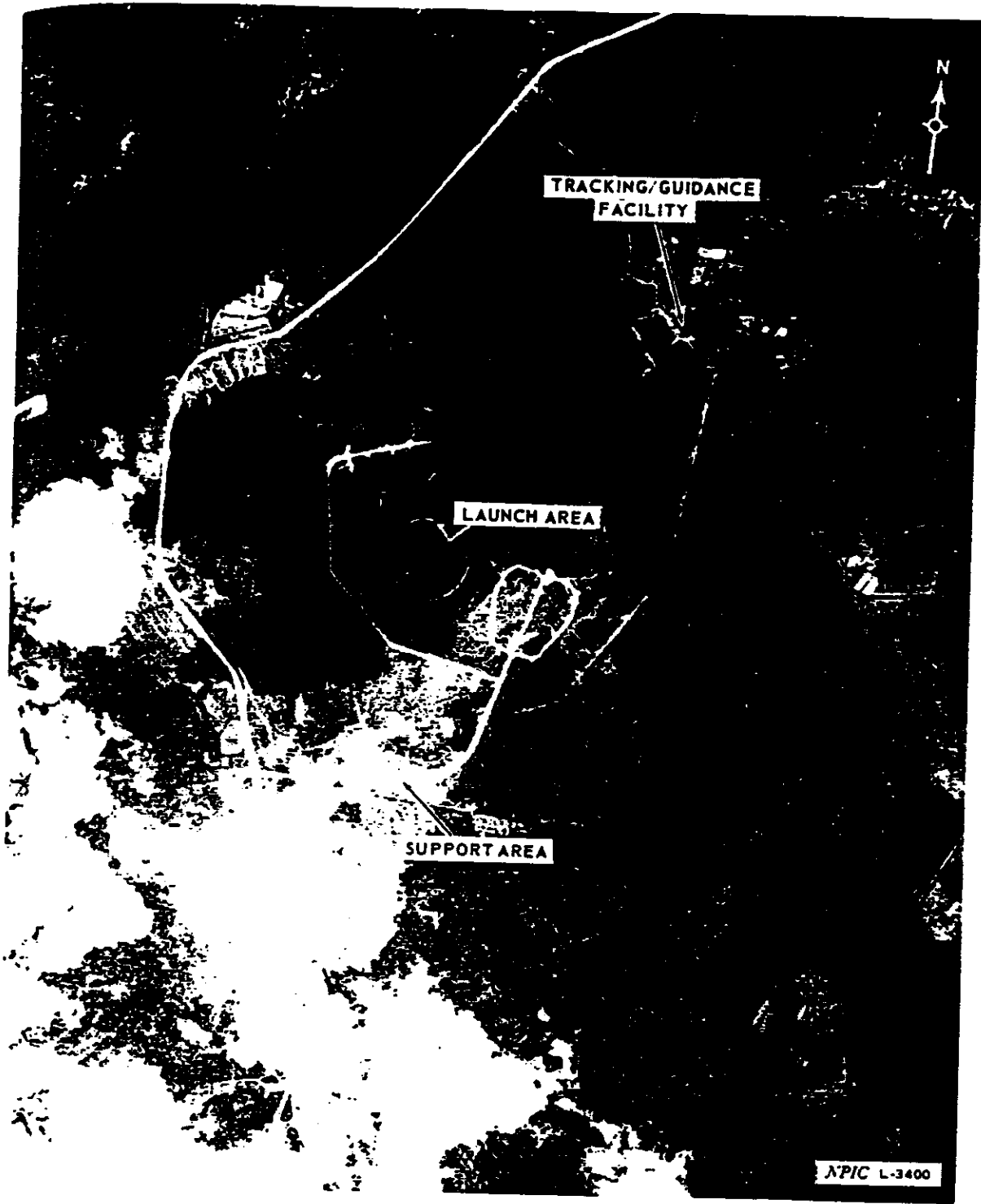
[REDACTED]  
ATTACHMENT 1



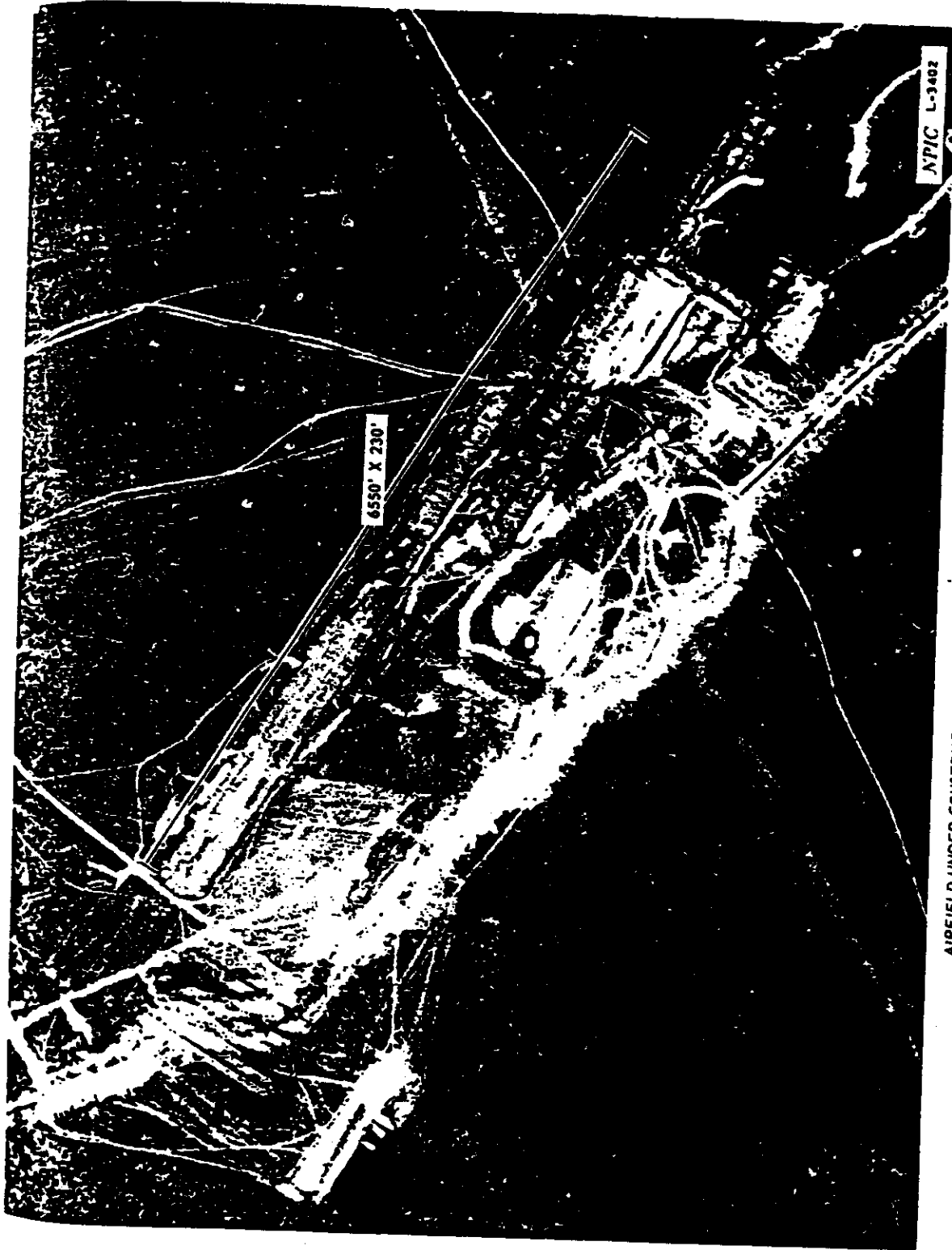
PROBABLE LONG RANGE SAM LAUNCH COMPLEX, KALININGRAD, USSR (MISSILE BONUS)

~~TOP SECRET~~ [REDACTED] ~~RUFF~~

Handle Via  
~~TALENT KEYHOLE~~  
Control System Only



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



AIRFIELD UNDER CONSTRUCTION, CHOYBALSAN, MONGOLIA (AIRFIELD BONUS)



[REDACTED]  
GROUND ZERO 2, NUCLEAR TEST SITE, LOP NOR, CHINA