

~~TOP SECRET~~

S-17811

Copy 12

22 Pages

TCS-80733/65

May 1965

PHOTOGRAPHIC INTERPRETATION REPORT

OAK
MISSION 1021-2
24-28 MAY 1965

DECLASS REVIEW BY NIMA / DoD



CIA



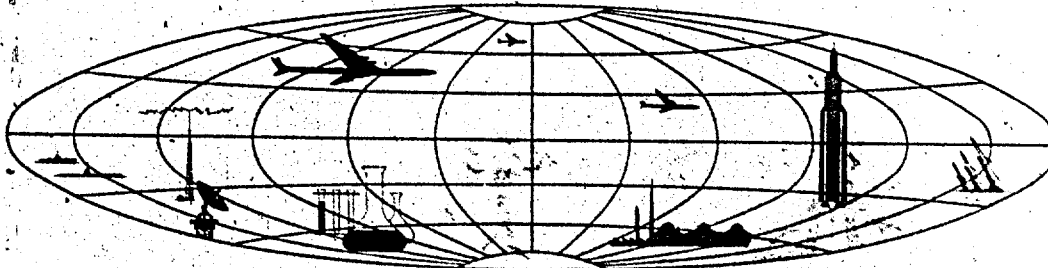
DoD

Handle Via ~~TOP SECRET~~ TALENT - KEYHOLE Control Only

WARNING

This document contains classified information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive TALENT-KEYHOLE information. Its security must be maintained in accordance with KEYHOLE and TALENT regulations.

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



~~TOP SECRET~~

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

TCS-80733/65

JUNE 1965

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

ERRATUM FOR NPIC/TCS-80733/65

ON PAGE 8 OF THE OAK REPORT FOR MISSION 1021-2, THE FINAL LINE
IN THE PARAGRAPH ON LAUNCH COMPLEX J SHOULD READ:

"THE EASTERN EXCAVATION IS DESIGNATED LAUNCH PAD J1 AND THE
WESTERN J2."

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

TABLE OF CONTENTS

PREFACE	2
TRACK OF MISSION	3
HIGHLIGHTS	5
MISSILES	7
AIR FACILITIES	11
NUCLEAR ENERGY	14
NAVAL ACTIVITY/PORTS	16
MILITARY ACTIVITY	18
OTHER ACTIVITY	19
INDEX OF COMOR TARGETS	20
ATTACHMENTS	APPENDIX

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

OAK MISSION 1021-2

PREFACE

THIS IS THE ONLY OAK REPORT ON MISSION 1021-2 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

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 FOR EACH TARGET OBSERVED AND REPORTED 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. FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI-DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

Next 1 Page(s) In Document Exempt
25X1D

Highlights

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

HIGHLIGHTS

SINCE MISSION 1021 IS PRIMARILY A MAPPING AND CHARTING MISSION, COVERAGE OF INTELLIGENCE TARGETS IS LIMITED. IN THE MISSILE CATEGORY, ONLY 2 OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE COVERED. ANALYSIS OF PLESETSK IS HINDERED BY DARKNESS AND POOR IMAGE QUALITY AND DOMBAROVSKIY IS CLOUD COVERED. THE TYURATAM MISSILE TEST CENTER IS PARTIALLY COVERED BY FAIR-TO-POOR QUALITY, OBLIQUE, NON-STEREO PHOTOGRAPHY. AT LAUNCH COMPLEX G, MISSILE GANTRIES ARE LOCATED ON PADS G4-G6. COMPLEX J IS NOW CONFIRMED AS A LAUNCH COMPLEX WITH 2 LAUNCH PADS WHICH ARE DESIGNATED J1 AND J2. THE MASSIVE ASSEMBLY/CHECKOUT BUILDING IS COMPLETE. THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER AND THE SARY-SHAGAN ANTIMISSILE TEST CENTER IN THE USSR, AND THE SHUANG-CHENG-TZU MISSILE TEST CENTER, IN CHINA ARE NOT COVERED.

25X9

STATUS OF COMOR TARGET READOUT

THIRTY-ONE COMOR TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

NOTE -- PORTIONS OF SOUTH AMERICA ARE PHOTOGRAPHED BY THIS MISSION BUT COVERAGE IS NOT DEPICTED ON TRACK MAPS.

THE TABLES RECAPITULATING SIGNIFICANT MISSILE, NUCLEAR ENERGY, AIRCRAFT AND SUBMARINE ACTIVITY ARE OMITTED FROM THIS REPORT BECAUSE OF THE LIMITED NUMBER OF TARGETS REPORTED. THE FOLLOWING TABLE PROVIDES THE DATE AND TIME OF PHOTOGRAPHIC PASSES OF MISSION 1021-2.

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1021-2, 24-28 MAY 1965

TCS-80733/65

Table 1. Date/Time of Photographic Passes

Pass	Date	Camera On Time (Z)		Camera Off Time (Z)		Pass	Date	Camera On Time (Z)		Camera Off Time (Z)	
		Hr	Min	Hr	Min			Hr	Min	Hr	Min
85D (part 1)	24 May	01	14	01	15	121D	26 May	07	14	07	17
85D (part 2)	24 May	01	19	01	21	129D (part 1)	26 May	18	56	18	57
85D (part 3)	24 May	01	30	01	31	129D (part 2)	26 May	18	58	18	59
86D (part 1)	24 May	02	47	02	48	132D	26 May	23	35	23	36
86D (part 2)	24 May	02	49	02	51						
86D (part 3)	24 May	02	52	02	54	133D	27 May	01	10	01	11
87D	24 May	04	18	04	23	134D	27 May	02	38	02	41
88D	24 May	05	51	05	53	135D (part 1)	27 May	03	57	03	58
89D	24 May	07	22	07	25	135D (part 2)	27 May	04	07	04	10
90D	24 May	08	51	08	54	136D (part 1)	27 May	05	37	05	40
93D	24 May	13	32	13	35	136D (part 2)	27 May	05	43	05	45
98D	24 May	20	38	20	40	137D (part 1)	27 May	07	02	07	03
						137D (part 2)	27 May	07	17	07	21
102D (part 1)	25 May	02	45	02	48	145D (part 1)	27 May	18	52	18	53
102D (part 2)	25 May	02	53	02	54	145D (part 2)	27 May	18	54	18	55
103D (part 1)	25 May	04	10	04	11	146D	27 May	20	23	20	24
103D (part 2)	25 May	04	12	04	13	148D	27 May	22	32	23	33
103D (part 3)	25 May	04	16	04	19						
104D	25 May	05	47	05	50	149D	28 May	01	03	01	05
105D	25 May	07	18	07	23	150D	28 May	02	34	02	37
106D	25 May	08	47	08	50	151D (part 1)	28 May	03	52	03	53
109D	25 May	13	27	13	31	151D (part 2)	28 May	03	54	03	57
114D	25 May	20	34	20	35	152D (part 1)	28 May	05	25	05	26
						152D (part 2)	28 May	05	27	05	30
117D (part 1)	26 May	01	12	01	14	152D (part 3)	28 May	05	33	05	35
117D (part 2)	26 May	01	21	01	22	152D (part 4)	28 May	05	39	05	40
117D (part 3)	26 May	01	23	01	24	153D	28 May	07	05	07	08
119D	26 May	04	11	04	14	154D (part 1)	28 May	06	32	06	33
120D (part 1)	26 May	05	40	05	44	154D (part 2)	28 May	08	34	08	36
120D (part 2)	26 May	05	47	05	49						

TOP SECRET CHESS RUFF

6

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

Missiles

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

MISSILES

PLESETSK ICBM COMPLEX

UR 6254N 04038E

ENTIRE COMPLEX IS COVERED BY FAIR-TO-POOR QUALITY,
NON-STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGES WERE
OBSERVED AT THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD
TRANSFER POINT, ADMINISTRATION AND HOUSING AREA,

25X9

ACTIVITY 1 NM NE OF THE ADMINISTRATION AND HOUSING AREA
OR LAUNCH POINTS I AND II (SITE 1), III (SITE 2),
LAUNCH AREAS B (SITE 5), C (SITE 6), AND E (SITE 7)
SINCE [REDACTED] OR F SINCE [REDACTED]

25X1D

25X1D

25X1D

A NUMBER OF BUILDINGS APPEAR TO HAVE BEEN REMOVED FROM
THE SUPPORT FACILITIES AT LAUNCH POINT IV (SITE 3) AND
LAUNCH AREAS A (SITE 4) AND D (SITE 8) SINCE [REDACTED]

25X1D

25X1D

CONSTRUCTION CONTINUES AT PROBABLE LAUNCH AREAS G (SITE
9) AND H (SITE 10), BUT PHOTOGRAPHIC QUALITY DOES NOT
PERMIT DETAILED INTERPRETATION. THE AREA OF
UNIDENTIFIED ACTIVITY LOCATED APPROXIMATELY 20 NM EAST
OF THE COMPLEX SUPPORT FACILITY IS STILL UNDER
CONSTRUCTION AND NOW INCLUDES A NEW AREA OF ACTIVITY
APPROXIMATELY 3 NM FARTHER EAST. DARKNESS AND POOR
IMAGE QUALITY PRECLUDE A DETAILED INTERPRETATION.

CONSTRUCTION ALSO CONTINUES AT THE AREA OF UNIDENTIFIED
ACTIVITY WSW OF THE COMPLEX SUPPORT FACILITY. IT NOW
CONSISTS OF AT LEAST 7 BUILDINGS, OPEN DITCHING, TWO
SMALL CIRCULAR EXCAVATIONS AND ADDITIONAL GROUND
SCARRING.

NO ABM ACTIVITY OBSERVED WITHIN 50-NM-RADIUS SEARCH
AREA.

25X1D

TYURATAM MISSILE TEST CENTER

UR 4538N 06317E

THE CENTER IS PARTIALLY COVERED ON FAIR-TO-POOR
QUALITY, OBLIQUE, NON-STEREO PHOTOGRAPHY. LAUNCH
COMPLEXES B (SITES 2, 16, 17), C (SITE 3), D (SITES 4,
9), AND H (SITE 8) ARE NOT COVERED. COMPLEX 1 (SITE
14) CAN BE IDENTIFIED ONLY.

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

25X1D LAUNCH COMPLEX A (SITES 1 AND 15) -- NO APPARENT CHANGE
AT LAUNCH PADS A1 AND A2 SINCE [REDACTED]
25X1D NO APPARENT CHANGE AT LAUNCH AREA A3 AND THE COMPLEX
SUPPORT FACILITY SINCE [REDACTED] OBLIQUITY
AND SMALL SCALE PRECLUDE DETAILED INTERPRETATION.

25X1D LAUNCH COMPLEX E (SITE 6) -- NO APPARENT CHANGE IN
FACILITIES SINCE [REDACTED] ⊕

25X1D LAUNCH COMPLEX F (SITE 5) -- NO APPARENT CHANGE IN
FACILITIES SINCE [REDACTED]

25X9 LAUNCH COMPLEX G (SITES 7, 11, 12, 18, AND 19) --
MISSILE GANTRIES ARE LOCATED ON PADS G4 AND G6. NO
OTHER ACTIVITY IS OBSERVED AT THE COMPLEX. NO APPARENT
CHANGE IN FACILITIES AT LAUNCH AREAS G1-G2 (SITE 7),
G3-G4 (SITE 11), G5-G6 (SITE 12), G7 (SITE 18), G8-G9
(SITE 19), THE COMPLEX SUPPORT FACILITY, THE REVETTED
STORAGE AREA. [REDACTED]

25X9

LAUNCH COMPLEX J -- THE MASSIVE ASSEMBLY/CHECKOUT
BUILDING IS COMPLETE. TWO PARALLEL SCARS, POSSIBLY
GANTRY TRACKS UNDER CONSTRUCTION, APPROXIMATELY 60 FT
APART, EXTEND 3,000 FT FROM THE ASSEMBLY/CHECKOUT
BUILDING IN THE GENERAL DIRECTION OF THE LARGE
EXCAVATIONS. A SECOND LARGE EXCAVATION IS BEING DUG
APPROXIMATELY 1,700 FT WNW OF THE ORIGINAL LARGE
EXCAVATION. TWO BUILDINGS HAVE BEEN CONSTRUCTED
BETWEEN THE EXCAVATIONS AND SEVERAL SHALLOW RECTANGULAR
EXCAVATIONS ARE NEARBY. THE RAIL LINE HAS BEEN
EXTENDED AND DIVIDES INTO A Y CONFIGURATION. THE ENDS
OF THE Y TERMINATE BETWEEN THE 2 LARGE EXCAVATIONS.
THE LAYOUT OF THIS AREA OF CONSTRUCTION ACTIVITY IS
SIMILAR TO THAT OBSERVED AT LAUNCH AREA G3-G4 WHEN IN
AN EARLY STAGE OF CONSTRUCTION. THE 2 LARGE
EXCAVATIONS ARE CONSIDERED TO BE LAUNCH PADS UNDER
CONSTRUCTION. THE WESTERN EXCAVATION IS DESIGNATED
LAUNCH PAD J1 AND THE EASTERN J2.

25X1D LAUNCH COMPLEX K (SITES 13 AND 20) -- NO APPARENT
CHANGE SINCE [REDACTED]

LAUNCH GROUP L (SITES 21-30) -- CONSTRUCTION CONTINUES.
THERE IS CABLE DITCHING BETWEEN L1 AND SEVERAL OF THE
OTHER SITES, AND BETWEEN PERIPHERAL SITES, BUT THE
PATTERN IS NOT COMPLETE. T-SHAPED, MOUNDED-EARTH,

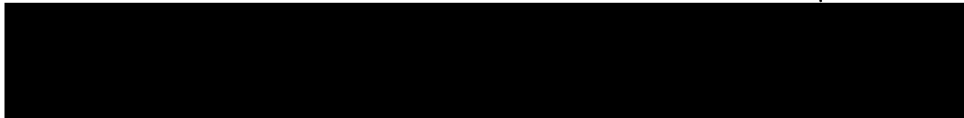
Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

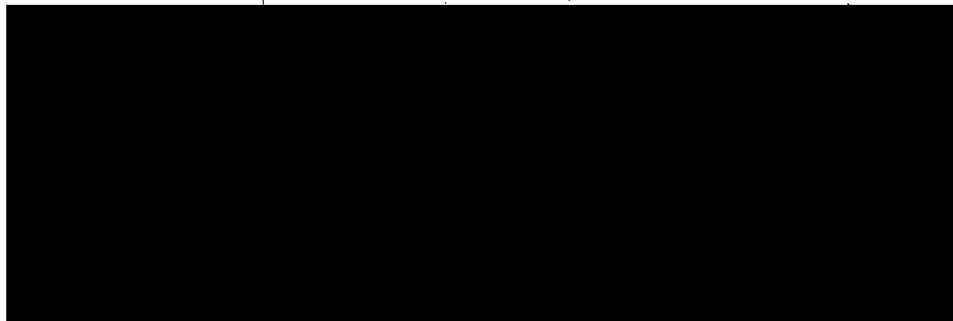
TCS-80733/65

LEVEL ACCESSES TO THE SILOS ARE UNDER CONSTRUCTION AT ALL 10 SITES. THE LEGS OF THE LEVEL ACCESSES CONTAINING THE SILO ARE PARALLEL TO EACH OTHER, AND TO THE N/S LEG OF THE ELECTRONIC FACILITY AT L1. SITES L4, L6, L9, AND L10 ARE PROBABLY IN A LATE STAGE OF CONSTRUCTION. THE SILOS APPEAR TO BE BACKFILLED AND THE LEVEL ACCESSES TO THE SILO ARE PAVED.

25X9



25X1D



(SEE ATTACHMENT)

25X1D



MARINA GORKA MRBM LAUNCH SITE

UR 5326N 02745E

IDENTIFICATION ONLY.

25X1D



SEVERODVINSK NAVAL BASE AND SHIPYARD 402

UR 6434N 03949E

25X1D

NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE [REDACTED] HAZE, SCATTERED CLOUDS, AND CLOUD SHADOW PRECLUDE IDENTIFICATION OF VESSELS.

25X1D



Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

ANGARSK DUAL HEN HOUSE-TYPE ACTIVITY UR 5253N 10315E

25X1D AREA IS COVERED ON FAIR QUALITY, STEREO PHOTOGRAPHY.
NO APPARENT CHANGE SINCE [REDACTED] IN
25X1D OPERATIONS AREAS A AND B. NO APPARENT CHANGE SINCE
[REDACTED] IN OPERATIONS AREA C.

25X1D CONSIDERABLE CONSTRUCTION PROGRESS APPEARS TO HAVE
TAKEN PLACE AT THE CENTRAL CONTROL BUILDING AT
OPERATIONS AREA D SINCE [REDACTED] THE 3
LOWER LEVEL WINGS APPEAR TO BE EXTERNALLY COMPLETE AND
THE LARGE CENTER PORTION OF THE BUILDING SHOWS EVIDENCE
OF CONSTRUCTION ACTIVITY. EXCAVATIONS FOR THE LINEAR
25X1D STRUCTURES APPEAR TO HAVE BEEN COMPLETED SINCE [REDACTED]
25X1D ALL OTHER COMPONENTS OF THE SECURED OPERATIONS AREA AND
THE SUPPORT AREA SHOW NO APPARENT CHANGE SINCE [REDACTED]

25X1D
25X1D

TALLINN AMM/SAM LAUNCH COMPLEX UR 5924N 02419E

A PORTION OF THE COMPLEX IS VISIBLE ON NON-STEREO
PHOTOGRAPHY WITH INTERPRETATION LIMITED BY HAZE AND
CLOUD COVER. LAUNCH SITES B, D, AND E, THE HARDSTANDS,
REVVETTED AREAS, AND THE SUPPORT AREA WEST OF THE LAUNCH
AREA ARE OBSERVED. CONSTRUCTION STATUS OF FACILITIES
OBSERVED IS UNDETERMINED. NO NEW CONSTRUCTION OR
CHANGES, AND NO MISSILES OR MISSILE-RELATED EQUIPMENT
ARE DISCERNIBLE. THE ELECTRONIC SITE EAST OF THE
LAUNCH AREA IS UNDER HEAVY CLOUD COVER.

NO ASSOCIATED ELECTRONIC OR COMMUNICATIONS FACILITIES
IDENTIFIED IN CLOUD-FREE PORTIONS OF THE AREA WITHIN A
25-NM RADIUS OF THE COMPLEX.

25X1D
[REDACTED]

**Air
Facilities**

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

AIR FACILITIES

BARANOVICHI AIRFIELD

UR 5306N 02603E

AIRCRAFT -- 7 BLINDER, 3 PROBABLE BLINDER, 9 BADGER,
AND 5 PROBABLE BADGER.

25X1D

OLENEGORSK AIRFIELD

UR 6809N 03327E

AIRCRAFT -- 7 POSSIBLE UNIDENTIFIED.

25X1D

BELAYA AIRFIELD

UR 5254N 10335E

AIRCRAFT -- 54 MEDIUM SWEEP-WING ALONG MAIN PARKING
APRON.

25X1D

BYKHOV AIRFIELD

UR 5331N 03012E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

AIRCRAFT -- 34 POSSIBLE BADGER.

25X1D

BOBRUYSK AIRFIELD

UR 5306N 02912E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE
OBSERVED ON CLEAR, FAIR QUALITY PHOTOGRAPHY.

25X1D

AIRCRAFT -- 38 BADGER.

25X1D

TIKSI AIRFIELD

UR 7141N 12853E

NO NEW CONSTRUCTION OR CHANGES OBSERVED ON POOR QUALITY
PHOTOGRAPHY.

Handle Via
TALENT-KEYHOLE
Control System Only

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

AIRCRAFT -- 5 PROBABLE SMALL STRAIGHT-WING.

25X1D

TIKSI AIRFIELD WEST

UR 7141N 12842E

NO NEW CONSTRUCTION OR CHANGES OBSERVED ON CLEAR, FAIR
QUALITY PHOTOGRAPHY.

AIRCRAFT -- NONE OBSERVED.

25X1D

NIKOLAYEV/KULBAKINO AIRFIELD

UR 4656N 03205E

NO NEW CONSTRUCTION ACTIVITY OBSERVED ON CLEAR, GOOD
QUALITY PHOTOGRAPHY.

AIRCRAFT -- 51 BADGER AND 6 LIGHT STRAIGHT-WING.

25X1D

IRKUTSK AIRFRAME PLANT 39

UR 5221N 10412E

25X1D

NO SIGNIFICANT CHANGE SINCE [REDACTED]
SUB-ASSEMBLY BUILDING REMAINS INCOMPLETE. NO AIRCRAFT
OBSERVED IN PLANT AREA.

25X1D

IRKUTSK AIRFIELD NORTHWEST

UR 5222N 10411E

AIRCRAFT -- NONE OBSERVED.

25X1D

LIU-CHOU AIRFIELD

CH 2417N 10923E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
OBSERVED ON GOOD, CLEAR PHOTOGRAPHY.

25X1D

AIRCRAFT -- NONE OBSERVED.

25X1D

Handle Via
TALENT-KEYHOLE
Control System Only

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

LEI-PEI AIRFIELD

CH 2124N 11012E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED
ON GOOD QUALITY PHOTOGRAPHY. SAM SITE IS CLOUD
COVERED.

AIRCRAFT -- 1 SMALL SWEEP-WING, 1 LIGHT STRAIGHT-WING,
AND 13 UNIDENTIFIED.

25X1D

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

**Nuclear
Energy**

Next 1 Page(s) In Document Exempt

25X2

**Naval
Activity/
Ports**

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

NAVAL ACTIVITY/PORTS

CHAN-CHIANG NAVAL BASE

CH 2112N 11025E

NO APPARENT CHANGE IN FACILITIES SINCE MOST RECENT
COVERAGE.

VESSELS -- 1 POSSIBLE PF, 3 POSSIBLE PC, AND NUMEROUS
SMALL SURFACE CRAFT. VESSEL/WATER CONTRAST PRECLUDES
FURTHER INTERPRETATION.

25X1D

TALLINN NAVAL BASE & SHPYD MORŠKOY ZAVOD

UR 5927N 02444E

NO MISSILE STORAGE OBSERVED.

VESSELS -- 3 MERCHANT AND 6 UNIDENTIFIED SMALL VESSELS.

25X1D

NIKOLAYEV SHIPYARD NOSENKO 444

UR 4657N 03159E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

VESSELS -- THE 645-FT UNIDENTIFIED VESSEL IS STILL IN
THE FITTING-OUT BASIN, HOWEVER, POOR QUALITY AND
NON-STEREO COVERAGE PRECLUDE DETAILED INTERPRETATION.
ONE PROBABLE SS AND 7 POSSIBLE MERCHANT VESSELS ARE IN
THE AREA.

25X1D

NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA 445

UR 4659N 03201E

25X1D

NO SIGNIFICANT CHANGE IN FACILITIES SINCE
CONSTRUCTION CONTINUES.

25X1D

VESSELS -- 2 DD, 1 UNIDENTIFIED VESSEL, AND 1 FLOATING
DRYDOCK.

25X1D

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

WU-CHANG SHIPYARD

CH 3032N 11417E

IDENTIFICATION ONLY.

25X1D

Handle Via
TALENT-KEYHOLE
Control System Only

**Military
Activity**

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

MILITARY ACTIVITY

KUEI-LIN ARMY BARRACKS

CH 2511N 11020E

PROBABLE DIVISION-SIZE COMPLEX CONTAINS APPROXIMATELY
300 BUILDINGS FOR HOUSING, ADMINISTRATION, AND SUPPORT.
A SECURED VEHICLE MAINTENANCE AND STORAGE AREA, AND A
PROBABLE TRACKED-VEHICLE DRIVER-TRAINING AREA ARE
ADJACENT TO THE INSTALLATION. AREA APPEARS OCCUPIED.
NO MILITARY ACTIVITY OBSERVED.

25X1D

KUEI-HSIEN ARMY BARRACKS

CH 2307N 10938E

25X1D

INSTALLATION OBSERVED ON CLEAR, GOOD QUALITY, SMALL
SCALE PHOTOGRAPHY. NO MAJOR CHANGE SINCE

25X1D

LEVEL OF ACTIVITY AND OCCUPANCY NOT
DISCERNIBLE.

25X1D

Handle Via
TALENT-KEYHOLE
Control System Only

**Other
Activity**

25X1D

Index

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

MISSION 1021-2 24-28 MAY 1965

TCS-80733/65

25X1A

INDEX OF COMOR TARGETS

COMOR

INSTALLATION NAME

CTY COORDINATES OAK

PLESETSK ICBM COMPLEX	UR 6254N 04038E 1
TYURATAM MISSILE TEST CENTER	UR 4538N 06317E 1
MARINA GORKA MRBM LAUNCH SITE	UR 5326N 02745E 1
SEVERODVINSK NAVAL BASE AND SHIPYARD 402	UR 6434N 03949E 1
ANGARSK DUAL HEN HOUSE-TYPE ACTIVITY	UR 5253N 10315E 1
TALLINN AMM/SAM LAUNCH COMPLEX	UR 5924N 02419E 1
BARANOVICHI AIRFIELD	UR 5306N 02603E 1
OLENEGORSK AIRFIELD	UR 6809N 03327E 1
BELAYA AIRFIELD	UR 5254N 10335E 1
BYKHOV AIRFIELD	UR 5331N 03012E 1
BOBRUYSK AIRFIELD	UR 5306N 02912E 1
TIKSI AIRFIELD	UR 7141N 12853E 1
TIKSI AIRFIELD WEST	UR 7141N 12842E 1
NIKOLAYEV/KULBAKINO AIRFIELD	UR 4656N 03205E 1
IRKUTSK AIRFRAME PLANT 39	UR 5221N 10412E 1
IRKUTSK AIRFIELD NORTHWEST	UR 5222N 10411E 1
LIU-CHOU AIRFIELD	CH 2417N 10923E 1
LEI-PEI AIRFIELD	CH 2124N 11012E 1

25X2

CHAN-CHIANG NAVAL BASE	CH 2112N 11025E 1
TALLINN NAVAL BASE & SHPYD MORSKOY ZAVOD	UR 5927N 02444E 1
NIKOLAYEV SHIPYARD NOSENKO 444	UR 4657N 03159E 1
NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA 445	UR 4659N 03201E 1
WU-CHANG SHIPYARD	CH 3032N 11417E 1
KUEI-LIN ARMY BARRACKS	CH 2511N 11020E 1
KUEI-HSIEN ARMY BARRACKS	CH 2307N 10938E 1

25X2

20

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

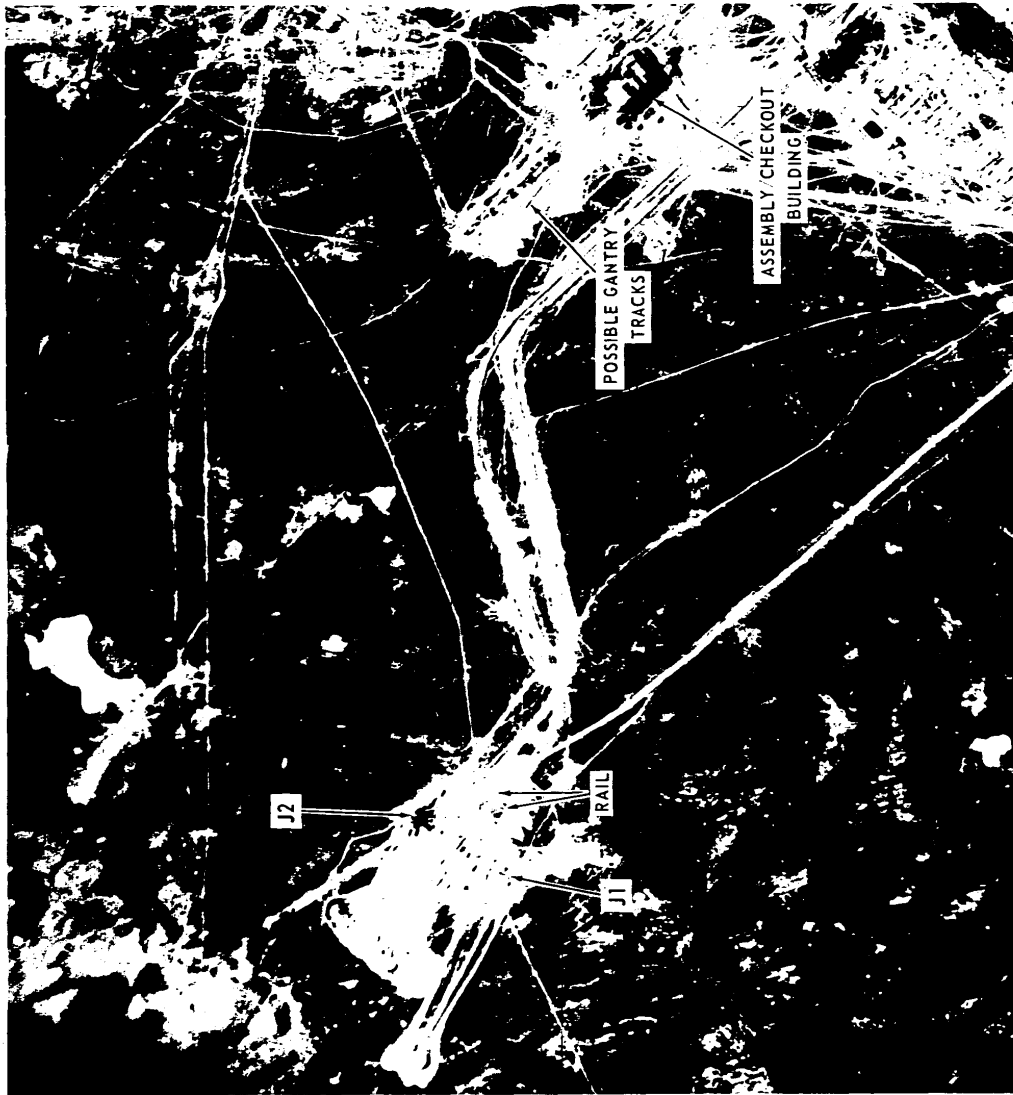
Attachments

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1021-2, 24-28 MAY 1965

TCS-80733/65
ATTACHMENT 1



LAUNCH COMPLEX J, TYURATAM MISSILE TEST CENTER, USSR

NPIC K-0044 (6/65)

TOP SECRET CHESS RUFF

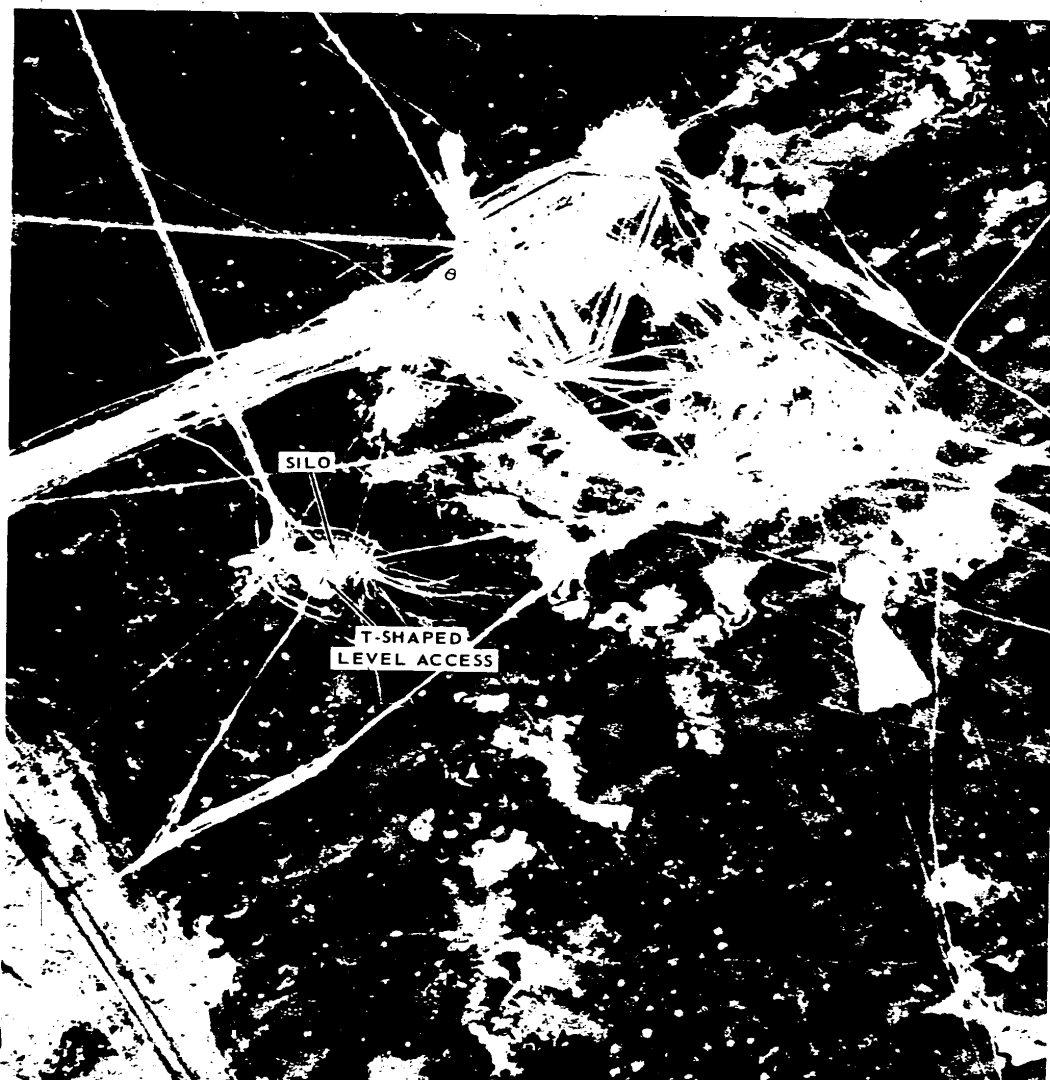
Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

MISSION 1021-2, 24-28 MAY 1965

TCS-80733/65
ATTACHMENT 2



LAUNCH SITE L4, TYURATAM MISSILE TEST CENTER, USSR

NPIC K-0645 (6/65)

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

