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NPIC/R-1032/62

August 1962

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PHOTOGRAPHIC INTERPRETATION REPORT

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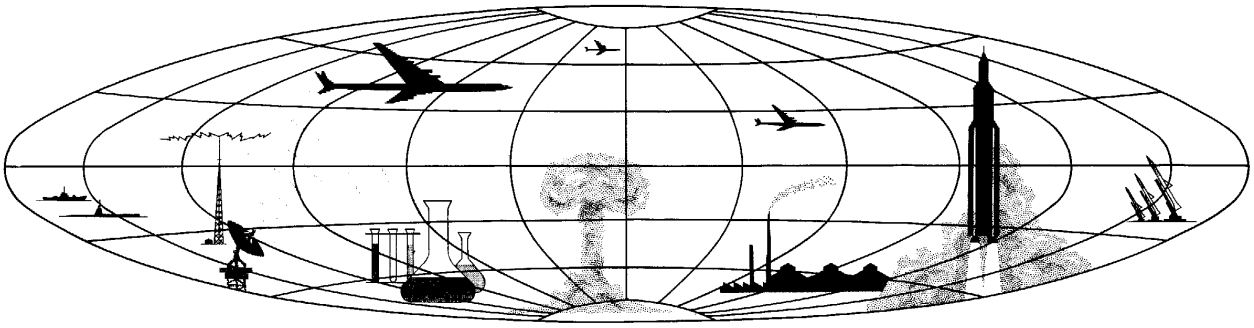
MISSION COVERAGE INDEX

MISSION 113

20 JUNE 1962

ARMY NAVY AIR FORCE CIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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PREFACE

This Mission Coverage Index (MCI) furnishes a listing of intelligence targets covered by CHURCH DOOR Mission [redacted] 113. The listing provides the latest description based on photographic interpretation for each target covered by the mission except for those targets in which no significant change was noted. Items in the listing are arranged (1) by WAC area, and (2) within the WAC area 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. 25X1

For 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) alphabetically by place name within each category.

The user of this MCI is cautioned that the scan of photography from Mission [redacted] 113 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. 25X1

25X6

Mission [redacted] 113, accomplished on [redacted] covered the Shuang-ch'eng-tzu Missile Center, Lan-chou, Sian, Hankow, and other cities. See accompanying flight trace for areas covered. 25X1

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
-CHINA-				25X1
25X6				
SHUANG-CHENG-TZU AIRFIELD	4021N 09947E	0287	[redacted]	1-C
25X6 NO SIGNIFICANT CHANGE SINCE MISSIC [redacted]				
[redacted]				
AIRCRAFT -- 3 BEAGLE, ONE COLT.				
25X1 [redacted]				
SHUANG-CHENG-TZU AREA, AIRSTRIP	4055N 10015E	0287		1-B
THE AIRSTRIP HAS BEEN ABANDONED AND NOW HAS ROADS AND CABLE SCAR CROSSING THE EAST END. A SEWAGE/WATER TREATMENT FACILITY HAS BEEN PLACED AT THE WEST END. THE ADMINISTRATIVE				
25X1 FACILITIES NORTH OF THE OLD STRIP HAVE FALLEN INTO COMPLETE DISREPAIR.				
25X6 [redacted]				
SHUANG-CHENG-TZU AREA, RAILROAD LINE	4105N 10015E	0287		1-D
NO APPARENT CHANGE SINCE [redacted]				
25X6 [redacted]				
25X1 [redacted]				25X1
SHUANG-CHENG-TZU MISSILE TEST CENTER	4107N 10020E	0287	[redacted]	1
SIGNIFICANT NEW ITEMS OBSERVED SINCE				
25X6 [redacted] -- DEPLOYED SA-2				
SAM SITE IN THE APPROXIMATE MID-POINT OF THE MISSILE CENTER (41-04N 100-20E), A CRATER (PROBABLY CAUSED BY A MISSILE MALFUNCTION) 1,500 FT NW OF LAUNCH COMPLEX A, NEW PERMANENT-TYPE BUILDING CONSTRUCTION WEST OF OPERATIONAL SUPPORT AREA.				
CHANGES TO AND/OR IDENTIFICATION OF FUNCTIONS OF PREVIOUSLY EXISTING FACILITIES -- TRANSMITTER AT 41-15N 100-19E NEAR SSM LAUNCH FACILITIES CONSISTS OF AT LEAST ONE DOUBLE-				

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
END-POLE DAY/NIGHT RHOMBIC, ONE SINGLE-END-POLE DAY/NIGHT RHOMBIC, AND ONE SINGLE RHOMBIC. RECEIVING SITE AT 40-53N 100-09E (SOUTH OF SUPPORT BASE) CONSISTS OF AT LEAST 4 SINGLE-END POLE DAY/NIGHT RHOMBICS AND A V ANTENNA. (THESE SITES IN ADDITION TO THE 2 EXISTING SITES IN VICINITY OF MAIN AIRFIELD.) NO SMOKE OR STEAM VISIBLE COMING FROM ANY OF THE NUMEROUS SMOKESTACKS OR THE 2 COOLING TOWERS AT THE POWER PLANT. ALL PIERS ARE IN PLACE FOR THE BRIDGE OVER THE O-CHI-NA HO. APPROXIMATELY 17 VEHICLES ARE IN MOTION BETWEEN THE SUPPORT BASE AND MISSILE SUPPORT AREAS. APPROXIMATELY 40 VEHICLES PARKED IN A MOTOR POOL AT BARRACKS AREA NEAR THE DEPLOYED SA-2 SITE. 280 RAIL CARS NOTED IN VICINITY OF THE SUPPORT BASE OF THE MISSILE CENTER, AND 215 RAIL CARS IN VICINITY OF THE LARGE AIRFIELD.				
25X1 [redacted]				
25X6 SHUANG-CHENG-TZU AREA, RAIL SPUR NO APPARENT CHANGE SINCE [redacted]	4107N 10020E	0287		1-G
25X6 [redacted] 25X1 [redacted]				
CHANG-YEH AREA, AIRFIELD UNDER CONSTRUCTION NO APPARENT CONSTRUCTION PROGRESS SINCE	3850N 10040E	0332		1-B
25X6 [redacted] 25X1 [redacted]				
25X6 KAO-CHAI-TZU, POL STORAGE NO APPARENT CHANGE SINCE [redacted]	3856N 10045E	0332		25

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X6 [redacted]				
SHAN-TAN AREA, MINING ACTIVITY APPROXIMATELY 10 NM SSW OF SHAN-TAN. 6 MINING AREAS (SHAFT TYPE), 4 HOUSING AREAS, ONE EXPLOSIVES STORAGE AREA. 25X1 LIMITED PROCESSING AT EACH MINING AREA. [redacted]	3845N 10115E	0332		7-A
YU-TZU, U/I INDUSTRIAL COMPLEX 2 NM WEST OF YU-TZU. COMPLEX CONTAINS ONE LARGE SAW-TOOTH ROOFED ASSEMBLY-TYPE BUILDING, APPROXIMATELY 400 X 600 FT, 7 SMALLER ASSEMBLY BUILDINGS, 2 LARGE ASSEMBLY BUILDINGS (400 X 450 FT AND 400 X 350 FT), APPROXIMATELY 160 STORAGE/ HOUSING BUILDINGS, APPROXIMATELY 21 SMALLER MISCELLANEOUS BUILDINGS, 2 LARGE STACKS, 25X1 WATER TOWER, AND STEAM POWER PLANT. SECURED, RAIL AND ROAD SERVED. [redacted]	3741N 11242E	0382		16-B
YU-TZU, POL STORAGE JUST SW OF YU-TZU. 25X1 RAIL-SERVED SECURED AREA CONTAINING 20 LARGE AND 4 SMALLER STORAGE TANKS. [redacted]	3741N 11243E	0382		16-C
YU-TZU AREA, EXPLOSIVE STORAGE 3 NM NE OF YU-TZU. ROAD-SERVED SECURE AREA CONTAINING 63 25X1 REVETTED STORAGE BUILDINGS. SECURITY AREAS LOCATED ON NORTH AND EAST SIDE OF MAIN AREA. [redacted]	3743N 11246E	0382		16-A

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
YU-TZU, STORAGE AREA 4 NM NORTH OF YU-TZU. RECTANGULAR-SHAPED AREA SECURED BY HIGH FENCE WITH GUARD TOWERS AT EACH CORNER. ROAD AND RAIL SERVED. AREA CONTAINS 2 ADMINISTRATIVE-TYPE BUILDINGS, 2 BARRACKS-TYPE BUILDINGS, 7 MISCELLANEOUS BUILDINGS, 25 WAREHOUSE-TYPE BUILDINGS AND ONE WATER TOWER. [redacted]	3744N 11245E	Ø382		16-D 25X1
TAI-YUAN AIRFIELD SOUTH 7 NM SE OF TAI-YUAN. 5,3ØØ X 28Ø FT N/S CONCRETE RUNWAY. SERVICEABLE. LISTED IN ASSOTW, VOL 31, SEP 6Ø. AIRCRAFT -- 18 UNIDENTIFIED, PROBABLE PISTON TYPE. [redacted]	3745N 11237E	Ø382	[redacted]	12-C 25X1
TAI-YUAN AIRFIELD 3 NM SOUTH OF TAI-YUAN. 4,9ØØ X 2ØØ FT N/S CONCRETE RUNWAY WITH ADJACENT PARKING APRON APPROXIMATELY 1,6ØØ X 175 FT LOCATED ON THE WEST SIDE AND AT THE NORTH END OF THE RUNWAY. THREE-BAY HANGAR ADJACENT TO PARKING APRON. LISTED IN ASSOTW, VOL 3Ø, SEP 6Ø. AIRCRAFT -- 3 UNIDENTIFIED STRAIGHT-WINGED, PROBABLE PISTON-TYPE, AIRCRAFT. [redacted]	3749N 11233E	Ø382	[redacted]	12-I 25X1
TAI-YUAN COMPLEX APPROXIMATELY 6Ø SQ MI IN AREA. INDUSTRIAL COMPLEX CONTAINING 3 THERMAL POWER PLANTS, 2 LARGE CEMENT PLANTS, STEEL MILL,	3752N 11233E	Ø382	[redacted]	12

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
EXPLOSIVE MANUFACTURING PLANT, SEVERAL MINOR INDUSTRIES, AND POSSIBLE URANIUM ORE CONCENTRATION OR METALS PLANT LOCATED 1.5 NM NORTH OF STEEL PLANT. SMOKE AND HAZE PRECLUDE FURTHER INTERPRETATION. [redacted]				
TAI-YUAN AREA, POSS MINING ACTIVITY POSSIBLE MINING AREA AT APPROXIMATELY 37-49N 112-21E. LARGE TIPPLE VISIBLE. RAIL SERVED. [redacted]	3752N 11233E	Ø382		12-B 25X1
TAI-YUAN IRON & STEEL PLANT JUST NORTH OF TAI-YUAN. BLAST FURNACE, OPEN HEARTH, AND ROLLING MILL VISIBLE. HAZE, OBLIQUITY AND INDUSTRIAL SMOKE PRECLUDES DETAILED INTERPRETATION. THERMAL POWER PLANT LOCATED IN SOUTHERN SECTION OF THE PLANT AREA IS IN OPERATION. [redacted]	3755N 11233E	Ø382	[redacted]	12-G 25X1
TAI-YUAN EXPLOSIVES AND AMMO PROD COMPLEX THIS COMPLEX CONSISTS OF 3 SEPARATE AREAS LOCATED WITHIN A 3.5 NM RADIUS. THE SOUTHERN-MOST AREA CONSISTS OF A RAIL AND ROAD-SERVED EXPLOSIVES AND AMMUNITION MANUFACTURING PLANT CONTAINING APPROXIMATELY 8Ø BUILDINGS, OF WHICH 4 ARE LARGE MULTISTORY APARTMENT-TYPE, 15 LARGE ASSEMBLY-TYPE, 4Ø PROCESSING BUILDINGS, AND 21 MISCELLANEOUS BUILDINGS. IN ADDITION, THERE ARE 3 BURIED TANKS, AND 12 SMALL BUNKER-TYPE PROCESSING BUILDINGS. A SMALL ISOLATED, POSSIBLE PILOT PLANT AND RESEARCH AND DEVELOPMENT FACILITY IS LOCATED	3759N 11233E	Ø382	[redacted]	12-O

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
ADJACENT TO THE CORNER OF THIS PLANT. IT CONTAINS 3 POSSIBLE HORIZONTAL TEST STANDS AND APPROXIMATELY 15 PROCESSING BUILDINGS, OF WHICH 4 ARE REVETTED. AREA IS SUGGESTIVE OF A SOLID PROPELLANT PLANT. 2.5 NM TO THE NW IS A LARGE SECURED, RAIL AND ROAD-SERVED, EXPLOSIVES PROCESSING AREA CONTAINING 9 REVETTED RAIL-SERVED STORAGE BUILDINGS, 20 SMALL REVETTED BUNKERS, 12 REVETTED/OR SHIELDED PROCESSING BUILDINGS, AND APPROXIMATELY 20 UNREVETTED MULTI-BAY PROCESSING BUILDINGS. A LARGE ADMINISTRATIVE AND HOUSING AREA CONTAINING 80 BUILDINGS IS LOCATED ADJACENT TO THIS PLANT. 3 NM TO THE ESE IS A SECURED RAIL AND ROAD-SERVED EXPLOSIVES STORAGE AREA CONTAINING 18 REVETTED STORAGE BUILDINGS. [redacted]				
SHOU-YANG, AMMUNITION STORAGE AREA 2 NM WSW OF SHOU-YANG ON WEST BANK OF THE SHOU SHUI. 55 ISOLATED STORAGE BUILDINGS ALONG 8 SMALL RAVINES. [redacted]	3752N 11309E	0382		30
YUAN-PING, MILITARY GARRISON AREA NW EDGE OF YUAN-PING. THREE SECURED AREAS. ONE AREA CONSISTING OF 16 STORAGE-TYPE AND 2 ADMINISTRATIVE-TYPE BUILDINGS. THE SECOND CONTAINS 27 BARRACKS, ONE ADMINISTRATIVE-TYPE BUILDING, AND 23 STORAGE BUILDINGS. THE THIRD, 23 BARRACKS AND ONE ADMINISTRATIVE-TYPE BUILDING. [redacted]	3843N 11242E	0382		15

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
HSIEN-KANG-CHEN AREA, MIL BRKS & AMMO STORAGE 6 NM SSE OF HSIEN-KANG-CHEN. 18 BARRACKS-TYPE BUILDINGS, 5 ADMINISTRATIVE-TYPE BUILDINGS, AND APPROXIMATELY 50 LARGE AMMUNITION STORAGE BUILDINGS ALONG 5 NARROW RAVINES. RAIL TO ROAD OFF-LOADING POINT IS LOCATED BETWEEN BARRACKS AREA AND AMMUNITION STORAGE BUILDINGS. [redacted]	3847N 11230E	0382		31-A
HSIEN-KANG-CHEN, IRON ORE MINING & PROCESSING AREA EXTENDS 6 NM SW AND 2 NM NE OF HSIEN-KANG-CHEN. GENERAL IRON ORE MINING, PROCESSING AND MILLING, 3 LARGE TIPPLES, 6 SEDIMENTATION BASINS AND 4 KILNS. ENTIRE AREA IS RAIL SERVED. [redacted]	3853N 11225E	0382		31
YUNG-TENG AREA, CEMENT PLANT 7 NM NNW OF YUNG-TENG. RAIL-SERVED PLANT WITH ADJACENT LIMESTONE QUARRIES. PLANT AREA CONTAINS APPROXIMATELY 20 BUILDINGS (ONE UNDER CONSTRUCTION) AND A THERMAL POWER PLANT. [redacted]	3655N 10250E	0383		7
YEN-KUO, HYDROELECTRIC POWER PLANT NO APPARENT CHANGE SINCE [redacted]	3601N 10315E	0383		30
LAN-CHOU COMPLEX NO APPARENT CHANGE [redacted]	3602N 10346E	0383	[redacted]	3-A

25X1 25X6 25X6 25X1 25X1 25X1

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
25X6 [redacted] 25X1 [redacted] 16,				25X1
LAN-CHOU AIRFIELD 25X6 NO CHANGE IN FACILITIES SINCE MISSION [redacted] LISTED IN ASSOTW, VOL 31, SEP 60. 25X1 AIRCRAFT -- 5 CRATE, ONE CAB, ONE COLT. [redacted]	3602N 10352E	0383	[redacted]	1
LAN-CHOU TO URUMCHI RAILROAD 25X1 RAILROAD IS OPERATIONAL AND ACTIVE. [redacted]	3603N 10341E	0383		3-P
LAN-CHOU, HIGHWAY 25X1 HIGHWAY APPEARS COMPLETE. [redacted]	3603N 10341E	0383		3-R
25X6 LAN-CHOU PETROLEUM REFINERY NO APPARENT CHANGE SINCE MISSION [redacted] 25X6 [redacted] 25X1 [redacted]	3606N 10329E	0383	[redacted]	25X1 3-G
LAN-CHOU AREA, ALUMINUM PLANT 15 NM WNW OF LAN-CHOU, ON THE NORTH SIDE OF HUANG-HO. RAIL AND ROAD-SERVED PLANT, CONSISTING 25X1 OF APPROXIMATELY 30 BUILDINGS, APPEARS TO BE OPERATIONAL. [redacted]	3606N 10329E	0383		3-Z
HO-KOU, MILITARY BARRACKS 2 NM WSW OF HO-KOU. AREA CONTAINS 4 ADMINISTRATIVE BUILDINGS, 6	3607N 10322E	0383		35

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
25X1 WAREHOUSES, AND APPROXIMATELY 80 BARRACKS. 25X6 [redacted]				
LAN CHOU/LHASA RR U/C 25X1 NO APPARENT CHANGE SINCE [redacted] 25X6 [redacted] 25X1 [redacted]	3607N 10325E	0383		29
25X1 [redacted] 25X6 [redacted] 25X1 [redacted]	3607N 10329E	0383		3-U
TA-LIU-SHU, MILITARY BARRACKS AREA TWO WALLED COMPOUNDS WITH APPROXIMATELY 65 BUILDINGS IN SOUTH COMPOUND AND APPROXIMATELY 50 BUILDINGS IN NORTH COMPOUND. SOUTH COMPOUND CONTAINS A MOTOR 25X1 POOL WITH 9 TRUCKS. [redacted]	3642N 10318E	0383		31
YUNG-TENG, MILITARY BARRACKS AREA 3 NM SOUTH OF YUNG-TENG. 25X1 WALLED BARRACKS AREA WITH APPROXIMATELY 90 BUILDINGS INSIDE WALL AND 30 OUTSIDE WALL. [redacted]	3645N 10317E	0383		7-C

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
KU-LANG AREA, INDUSTRIAL & STORAGE COMPLEX ON WU-WEI/LAN-CHOU RAILROAD NEAR KU-LANG. NEWLY CONSTRUCTED AREA OF COMPLEX SIZE CONSISTING OF ONE LARGE INDUSTRIAL PLANT, SEVERAL AREAS THAT CONTAIN NUMEROUS SMALL STORAGE BUILDINGS, MULTI-STORY BARRACKS OR HOUSING AREAS, AND SEVERAL SMALL INDUSTRIES. MARSHALLING YARD LOCATED NEAR CENTER OF COMPLEX. [redacted]	3729N 10242E	0383		36
WU-WEI AREA, NEW RAILROAD IDENTIFICATION ONLY. [redacted]	3748N 10240E	0383		5-F
WU-WEI AIRFIELD NO APPARENT CHANGE SINCE MISSION [redacted] APPEARS SERVICEABLE. AIRCRAFT -- NONE. [redacted]	3750N 10226E	0383	[redacted]	5
HO-TUNG PAO AREA, BARRACKS AREA IDENTIFICATION ONLY. [redacted]	3750N 10245E	0383		26
WU-WEI COMPLEX IDENTIFICATION ONLY. [redacted]	3758N 10248E	0383		5-A
YUNG-CHANG, MINING COMPLEX VERTICAL SHAFT MINING AREA LOCATED APPROXIMATELY 10 NM SOUTH OF YUNG-CHANG.	3825N 10206E	0383		27-B

25X1

25X1

25X1

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
ORE CURRENTLY BEING TRUCKED APPROXIMATELY 10 NM NE TO TRANSLOADING AREA ON LAN CHOU-URUMCHI RAILROAD. RAIL SPUR UNDER CONSTRUCTION EXTENDS SOUTHWARD TO WITHIN APPROXIMATELY 7 NM OF MINE.				
25X1 [redacted]				25X1
HU-HSIEN AIRFIELD IDENTIFICATION ONLY. AIRCRAFT -- AN UNDETERMINED NUMBER OF POSSIBLE AIRCRAFT.	3409N 10836E	0384	[redacted]	5
25X1 [redacted]				25X1
SIAN AIRFIELD IDENTIFICATION ONLY.	3416N 10854E	0384	[redacted]	3-D
25X1 [redacted]				25X1
WU-KUNG AIRFIELD IDENTIFICATION ONLY.	3417N 10815E	0384	[redacted]	13
25X1 [redacted]				
HSING-PING AIRCRAFT PARTS PLANT 3.5 NM WSW OF HSING-PING. LARGE INDUSTRIAL INSTALLATION. ROAD SERVED, PROBABLY SECURED, CONTAINING AT LEAST 10 LARGE MONITOR-ROOF, INDUSTRIAL-TYPE BUILDINGS AND 20 SMALLER BUILDINGS. SCALE, HAZE, AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION.	3417N 10825E	0384		35
25X1 [redacted]				
SIAN COMPLEX EXPANSION TO THE SOUTH OF OLD CITY IS BEING DEVELOPED INTO AN EDUCATIONAL AND INSTITUTIONAL CENTER. EXPANSION TO THE EAST INCLUDES AT LEAST EIGHT NEW HEAVY INDUSTRIES	3417N 10857E	0384	09996	3

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
AND ASSOCIATED WORKER HOUSING AREAS. A LARGE NEW MARSHALLING YARD IS EVIDENT AND THE NEW INDUSTRIAL AND STORAGE AREAS ARE RAIL SERVED. [redacted]				
HSING-PING AREA, POSSIBLE AMMUNITION STORAGE 3 NM EAST OF HSING-PING. RAIL-SERVED, SECURED INSTALLATION CONTAINING AT LEAST 30 LARGE STORAGE BUILDINGS AND NUMEROUS SMALLER BUILDINGS. SCALE, HAZE, AND [redacted]	3419N 10831E	0384		35-A
HSIEN-YANG AIRFIELD 6.8 NM NNE OF HSIEN-YANG. AIRFIELD CONSISTS OF CIRCULAR SOD LANDING AREA WITH CONCRETE PARKING APRON ON SE EDGE. SERVICEABLE. LISTED IN ASSOTW VOL 31, SEP 60. AIRCRAFT -- 13 UNIDENTIFIED PROBABLE PISTON TYPE AIRCRAFT. [redacted]	3427N 10846E	0384 [redacted]		4
SAN-YUAN AIRFIELD 3.5 NM NE OF SAN-YUAN. CIRCULAR SOD LANDING AREA 6,000 FT IN DIAMETER WITH A MARKED ENE/WSW LANDING STRIP 4,500 X 250 FT. SUPPORT AREA CONTAINS 30 BUILDINGS, MOSTLY BARRACKS, WITH A PROBABLE ADMINISTRATIVE BUILDING, AND A POWER PLANT. LISTED IN ASSOTW, VOL 31, NOV 58. AIRCRAFT -- NONE. [redacted]	3441N 10858E	0384 [redacted]		11
SIAN, SA-2 SAM SITE A THREE POSITION SA-2 SITE, LOCATED ON	3441N 10858E	0384		11-A

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City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
SOUTHERN EDGE OF SOD LANDING STRIP ON THE OUTSKIRTS OF SAN-YUAN AND 24 NM NORTH OF SIAN. SITE IS SECURED AND WHOLLY REVETTED, AND EACH LAUNCH POSITION IS REVETTED. LAUNCHERS ARE VISIBLE AT EACH LAUNCH POSITION, WITH A MISSILE-TRANSPORTER (WITH MISSILE) SERVICING ONE LAUNCH POSITION, AND PERSONNEL VISIBLE AROUND THE LAUNCHER AND TRANSPORTER. A SECOND MISSILE ON A TRANSPORTER IS VISIBLE IMMEDIATELY OUTSIDE THE SAM SITE. A THIRD AND PROBABLY FOURTH MISSILE ARE CANVAS COVERED IN A NEARBY SUPPORT COMPOUND. THE FRUIT SET RADAR IS IN OPERATION IN THE CENTER OF THE SITE. [redacted]				
YAO-HSIEN, CEMENT PLANT ONE NM EAST OF YAO-HSIEN. LARGE CEMENT PLANT CONSISTING OF 3 SETTLING BASINS, 3 ROTARY KILNS, ONE LARGE PROCESSING BUILDING, 2 STORAGE BUILDINGS WITH 14 STORAGE SILOS, AND NUMEROUS SMALLER ASSOCIATED BUILDINGS. A MINE WITH A CRUSHING PLANT IS LOCATED 2 NM EAST. A COAL PROCESSING PLANT IS LOCATED ONE NM SOUTH. A HOUSING AREA CONTAINING 75 LARGE BUILDINGS IS LOCATED .5 NM NORTH. PLANT IS RAIL AND ROAD SERVED. [redacted]	3456N 10859E	0384		40
LAN-CHOU AREA, EXPLOSIVES STORAGE NO APPARENT CHANGE SINCE [redacted] [redacted]	3544N 10421E	0384		36
HSIA-KUAN-YING, COAL MINES APPROXIMATELY 2 NM SW OF HSIA-KUAN-YING. TWO COAL MINES WITH LOADING HOPPERS ON	3557N 10410E	0384		39

25X1

25X6
25X6

25X1

25X1

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25X1

City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
RAILROAD. APPROXIMATELY 30 ASSOCIATED BUILDINGS. [redacted] 25X6				
LAO-HO-KOU AIRFIELD NO APPARENT CHANGE SINCE [redacted]	3223N 11140E	0385	[redacted]	14
LAO-HO-KOU AREA, HYDRO-POWER DAM U/C NO APPARENT CHANGE SINCE MI [redacted]	3233N 11129E	0385		14-B
LIN-TUNG AIRFIELD 4.8 NM WEST OF LIN-TUNG. AIRFIELD LENGTH AND WIDTH UNDETERMINED DUE TO OBLIQUITY. SINGLE RUNWAY NE/SW, PROBABLY ASPHALT, PARALLEL TAXIWAY ON SE SIDE OF RUNWAY WITH 4 CROSSOVER LINKS, 3 CONCRETE APRONS. DISPERSAL AREA AT SW END CONTAINS 15 HARDSTANDS. DISPERSAL AREA AT NE END CONTAINS 13 HARDSTANDS. TWO HANGARS AND SEVERAL SHOPS NEAR SW END. SUPPORT AREA CONTAINING APPROXIMATELY 120 BUILDINGS IS LOCATED ONE NM SOUTH OF RUNWAY. AIRCRAFT -- APPROXIMATELY 35 UNIDENTIFIED AIRCRAFT. [redacted]	3423N 10907E	0385	[redacted]	15

25X1 25X6 25X1 25X6 25X1 25X6 25X1 25X1 25X1 25X1

[redacted]

25X1

25X1

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25X1

City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
25X1 [redacted]				
YEN-LIANG AIRCRAFT PARTS PLANT 3.6 NM SSE OF YEN-LIANG. PLANT CONSISTS OF 5 LARGE ASSEMBLY-TYPE BUILDINGS, ONE OF WHICH IS UNDER CONSTRUCTION, SEVERAL STORAGE AREAS, A POWER PLANT AND AN ADMINISTRATION AND HOUSING AREA OF APPROXIMATELY 150 BUILDINGS. 25X1 [redacted]	3439N 10915E	0385		21-A 25X1
YEN-LIANG AIRFIELD 3.6 NM SSE OF YEN-LIANG. 8,400 X 230 FT NE/SW CONCRETE RUNWAY. SERVICEABLE. AIRFIELD LISTED IN ASSOTW, VOL 31, SEP 60. AIRCRAFT -- 2 FRESCO, 2 COLT. 25X1 [redacted]	3439N 10916E	0385	[redacted]	21
CHANG-LI-CHEN, AMMUNITION STORAGE 2.8 NM SSE OF CHANG-LI-CHEN. LARGE IRREGULAR-SHAPED, SECURED AREA CONTAINS 52 REVETTED STORAGE BUILDINGS. ADMINISTRATIVE AND HOUSING AREA ON NORTH EDGE OF INSTALLATION. RAIL AND ROAD SERVED. 25X1 [redacted]	3448N 10904E	0385		43
LO-NAN, MINING AREA MINING TIPPLE LOCATED 1.5 NM EAST OF LO-NAN HAS ADJACENT SEDIMENTATION TANK, 6 OPEN STORAGE BINS AND BOILER HOUSE. TWO TIPPLES LOCATED 3 NM NW OF LO-NAN, WITH BOILER HOUSES AT EACH, ONE OF WHICH HAS SEDIMENTATION TANK AND PROCESSING FACILITIES. 25X1 [redacted]	3406N 11008E	0385		16

25X1

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25X1

City, Installation	Coordinates	WAC	Installation Numbers BE	Installation Numbers NPIC
				25X1
25X1 SHAN-PO AIRFIELD IDENTIFICATION ONLY. [redacted]	3005N 11419E	0493		47
WU-CHANG AIRFIELD 25X6 NO APPARENT CHANGE IN VISIBLE PORTIONS SINCE MISSION [redacted] AIRCRAFT -- 9 CRATE, 2 COLT, AND 3 POSSIBLE 25X1 CREEK VISIBLE. [redacted]	3030N 11418E	0493		38-B
HANKOW AIRFIELD 25X6 NO APPARENT CHANGE IN VISIBLE PORTION SINCE MISSIO[redacted] AIRCRAFT -- APPROXIMATELY 20, INCLUDING 19 25X1 FAGOT/FRESCO, ONE CAB. [redacted]	3035N 11414E	0493		10-A
WU-HAN COMPLEX IDENTIFICATION ONLY. 25X1 [redacted]	3035N 11417E	0493		38
TSAI-TIEN, UNIDENTIFIED INDUSTRY 1 NM SOUTH OF TSAI-TIEN, AND 14 NM WEST OF HAN-KOU IN BEND OF HAN RIVER. 25X1 SMALL UNIDENTIFIED INDUSTRY WITH APPROXIMATELY 30 BUILDINGS. [redacted]	3036N 11400E	0493		60

25X1

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APPENDIX
EXPLANATION OF COLUMN HEADINGS 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.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When 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 approxiate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0383-1 and an NPIC target numbered 0384-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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SECRET

SECRET 25X1

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