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PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY



BLACK SHIELD MISSION BX6723

17 SEPTEMBER 1967

NPIC/R-194/67
NOVEMBER 1967

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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ITEMS OF SPECIAL INTEREST

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES IS OBSERVED.

A TOTAL OF 126 SA-2 SITES ARE IDENTIFIED. OF THE 126, 19 ARE OCCUPIED (1 NEWLY IDENTIFIED), 89 ARE UNOCCUPIED (1 NEWLY IDENTIFIED), AND 15 ARE IDENTIFICATION ONLY.

SEVEN MAJOR AIRFIELDS PROVIDING ORDER OF BATTLE INFORMATION ARE COVERED.

HA NOI AND HAI PHONG ARE IMAGED ON GOOD QUALITY PHOTOGRAPHY. SEVEN ADDITIONAL COMPLEXES, 3 MAJOR PORTS, AND 3 RAILROAD YARDS ARE INCLUDED AS ATTACHMENTS.

OF THE 18 PHOTOGRAPHICALLY CONFIRMED AW GCI RADAR SITES, 15 ARE IDENTIFIED ON THIS MISSION. SIX OF THE 15 ARE OCCUPIED.

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

PREFACE

This report represents a summary of targets covered by the subject mission. Those targets which reflect no significant change in facilities from the most adequate previous mission will carry the appropriate mission number and date, prefixed by the letters "NAC," as the last entry on the photo reference line. Targets which can be identified only will carry the letters "ID ONLY" as the last entry on the photo reference line.

The header line for each target contains, reading from left to right, the installation name, the geographic coordinates, the World Aeronautical Chart (WAC) number, the Basic Encyclopedia (BE) number, and the NPIC target number. The COMIREX target number, when available, appears between the installation name and coordinates.

All targets are arranged 1) by country, 2) within country according to subject, 3) within subject by WAC area, and 4) within WAC area by geographic coordinates in ascending order.

The map base used for derivation of coordinates is the best available among these series: OS Air Ranger Chart (Series 200), AWS (1:50,000 and 1:250,000), JOG (1:250,000), ONC (1:100,000) and INW (1:500,000).

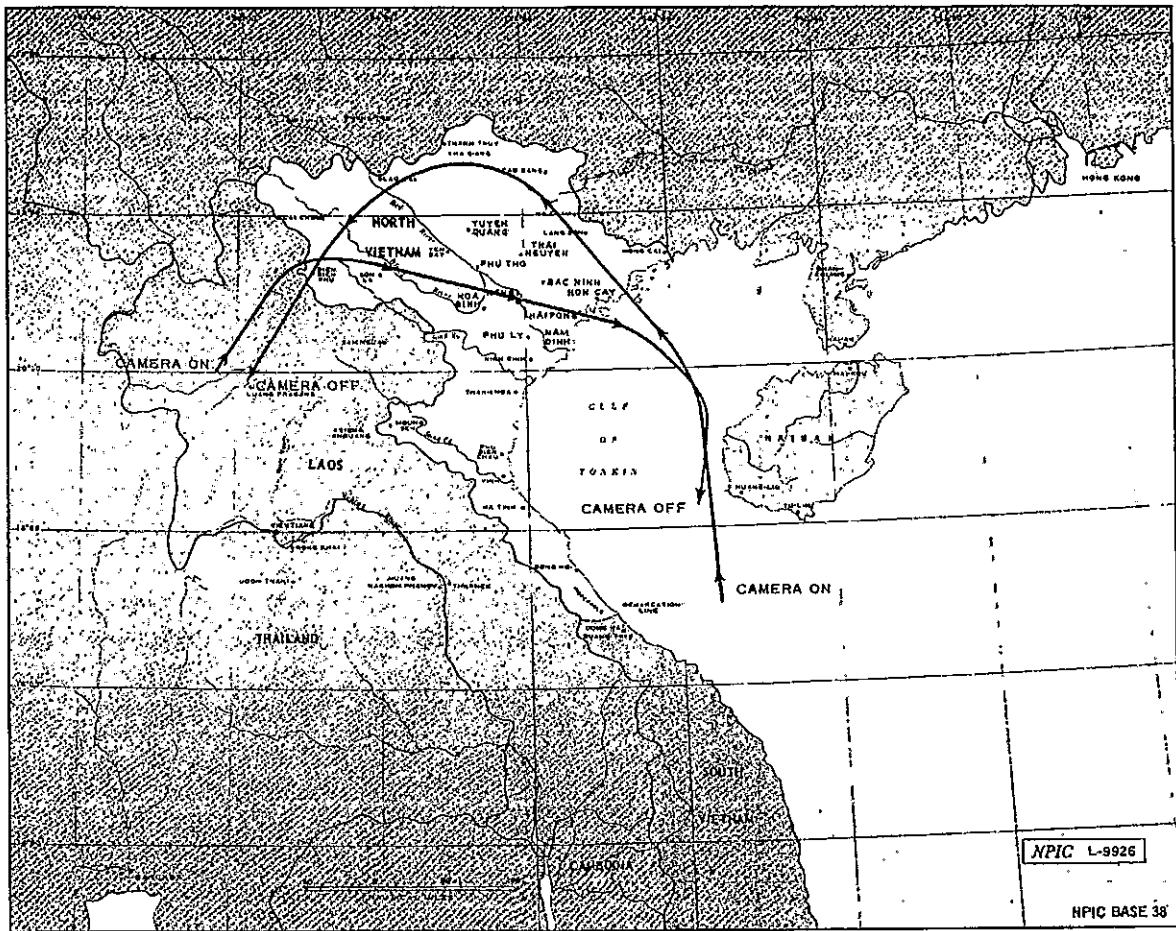
Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (clear), SC (scattered cloud cover), HC (heavy cloud cover), H (haze), CS (cloud shadow), S (snow), O (obliquity), SD (semidarkness), GC (ground cover), CF (camouflage), and S3 (small scale).

Interpretability of the photography is characterized as G (good), F (fair), or P (poor). Target coverage is denoted by the symbols T (total) or PT (partial). The mode of coverage is indicated by ST (stereo), PS (partial stereo), or NS (nonstereo).

AAA defenses are divided into four categories: automatic weapons (ZPU-1, ZPU-2, and ZPU-4), light (21-75 mm), medium (76-100 mm), and heavy (over 100 mm). Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (e.g., 6-gun AAA site, occupied/unoccupied).

For the convenience of the user, an index to all targets is included. Targets are arranged alphabetically within a country.



APPROXIMATE TRACK OF BLACK SHIELD MISSION BX6723, 17 SEPTEMBER 1967

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C-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CHINA-</p> <p>-- MILITARY INSTALLATIONS --</p> <p>HO-KOU VEHICLE PARKS NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D</p> <p>OB -- 43 CARGO TRUCKS. 25X1D [REDACTED] 25X1D</p> <p>HO-KOU ARMY BARRACKS NORTH INSTALLATION CONSISTS OF 5 SMALL AREAS REFERENCED FROM HO-KOU. 25X1D</p> <p>AREA A (1.5 NM NORTH AT UTM [REDACTED] -- 2 ADMINISTRATION (1 T-SHAPED), 18 PROBABLE BARRACKS, 2 PROBABLE MESSHALLS, A MOTOR POOL CONTAINING 7 BUILDINGS, 38 PROBABLE STORAGE BUILDINGS (4 IN EARLY STAGES OF CONSTRUCTION), 35 STORAGE/SUPPORT BUILDINGS, AND 15 SMALL SUPPORT BUILDINGS.</p> <p>AREA B (1.3 NM NNE AT [REDACTED] -- 5 POSSIBLE STORAGE AND 6 SUPPORT BUILDINGS.</p> <p>AREA C (1.3 NM NORTH AT [REDACTED] -- 3 PROBABLE BARRACKS, 1 BARRACKS/STORAGE, 4 PROBABLE STORAGE, AND 6 SUPPORT BUILDINGS.</p> <p>AREA D (1.1 NM NORTH AT [REDACTED] -- 3 POSSIBLE BARRACKS, 7 POSSIBLE VEHICLE MAINTENANCE, AND 8 SUPPORT BUILDINGS.</p> <p>AREA E (0.6 NM NORTH AT [REDACTED] -- 1 PROBABLE MULTISTORY WAREHOUSE, 1 LONG SHED, AND 2 SUPPORT BUILDINGS.</p> <p>OB -- 8 TRUCKS AND 2 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D</p> <p>PING-HSIANG ARMY DEPOT NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D</p> <p>OB -- 20 CARGO TRUCKS AND 11 UTILITY TRUCKS WITH TRAILERS. [REDACTED] 25X1D</p>	<p>2232N 10356E</p> <p>2232N 10357E</p> <p>25X1D</p> <p>25X1D</p> <p>25X1D</p> <p>25X1D</p> <p>2205N 10645E</p>	<p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p>26-C</p> <p>26</p> <p>9-B</p>

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	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	-- BASIC SERVICES --				
25X1D	PING-HSIANG/HA NOI RR SEGMENT 4 ENTIRE SEGMENT COVERED AND SERVICEABLE FROM PING-HSIANG, CHINA, TO DONG DANG, NORTH VIETNAM, WITH NO UNUSUAL ACTIVITY OR ROLLING STOCK OBSERVED. (SEE PING-HSIANG AND DONG DANG COMPLEXES FOR RAIL TRAFFIC.) [REDACTED]	2202N 10643E	0616	[REDACTED]	9-F2
25X1D	PING-HSIANG RR TRNSLDG YD STN AND SHOPS ACTIVITY -- 25 TRUCKS, 11 TRAILERS, 4 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT, AND 20 PIECES OF ROLLING STOCK IN THE SW TRANSSHIPMENT YARD AND A TOTAL OF 592 PIECES OF ROLLING STOCK (82 WITH UNIDENTIFIED MATERIALS AND UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT IN RAIL YARDS). [REDACTED]	2204N 10644E	0616	25X1A	9-F
25X1D	TSA-TI-PAO ROAD ROAD OBSERVED FROM HO-KOU (22-30N 103-58E) NW TO 22-53N 103-33E. NO CONSTRUCTION OR VEHICLES OBSERVED. [REDACTED]	2302N 10341E	0616		42
25X1D	-- STORAGE --				
25X1D	PING-HSIANG STORAGE AREA NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]	2207N 10650E	0616		9-H
25X1D	ACTIVITY -- 45 CARGO TRUCKS. [REDACTED]				
25X1D	HSIA-SHIH STORAGE AREAS 25X1D 25X1D 0.6 NM SW OF HSIA-SHIH. ROAD-SERVED STORAGE AREA CONTAINS 4 BARRACKS, 16 STORAGE, AND 2 SMALL SUPPORT BUILDINGS. A SECOND AREA, 0.8 NM SW AT 22-06- [REDACTED] N 106-52- [REDACTED] E, CONTAINS [REDACTED] [REDACTED] AND 3 STORAGE AND 6 SUPPORT BUILDINGS. ACTIVITY -- 101 CARGO TRUCKS. [REDACTED]	2207N 10653E	0616		9-I
25X1D	[REDACTED]	25X1D			

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-- URBAN COMPLEXES --</p> <p>25X1A</p> <p>PING-HSIANG COMPLEX 25X1D [REDACTED] 25X1A</p> <p>NO APPARENT CHANGE SINCE [REDACTED]</p> <p>DB -- 11 PROBABLE AAA PIECES (6 CANVAS COVERED) AND 654 TRUCKS/OTHER VEHICLES DISPERSED THROUGHOUT THE COMPLEX.</p> <p>[REDACTED] 25X1D</p> <p>-- NORTH VIETNAM --</p> <p>-- MISSILES --</p> <p>25X1A</p> <p>HAI PHONG SAM SITE B07-2 (98)</p> <p>SITE IS UNOCCUPIED. [REDACTED] 25X1D</p> <p>HA NOI SAM SITE B34A-2 (234)</p> <p>SITE CONSISTS OF 4 OCCUPIED UNREVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND AN UNREVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR.</p> <p>DB -- 4 SA-2 MISSILES ON LAUNCHERS AND 1 PROBABLE FAN SONG RADAR.</p> <p>[REDACTED] 25X1D</p> <p>25X1A</p> <p>HA NOI SAM SITE C17A-2 (161)</p> <p>SITE IS UNOCCUPIED. [REDACTED] 25X1D</p> <p>HA NOI SAM SITE B17-2 (1)</p> <p>SITE IS UNOCCUPIED. [REDACTED] 25X1D</p> <p>HA NOI SAM SITE B16-2 (162)</p> <p>SITE IS UNOCCUPIED. [REDACTED] 25X1D</p>	<p>2206N 10645E</p> <p>2059N 10700E</p> <p>2013N 10545E</p> <p>2037N 10557E</p> <p>2047N 10554E</p> <p>2049N 10557E</p>	<p>0616</p> <p>0615</p> <p>0616</p> <p>0616</p> <p>0616</p> <p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p>9</p> <p>111</p> <p>411-C</p> <p>318-B</p> <p>114-G</p> <p>265-C</p>

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