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PHOTOGRAPHIC INTERPRETATION REPORT

25X1C



25X1A

MISSION 5508 18 APRIL 1966

> NPIC/R-153/66 MAY 1966

GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING

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PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the Index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The ''Order of Battle'' section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

The map base used (when available and applicable) for the derivation of coordinates is the latest edition of the US Air Target Chart, Series 200, or AMS Series L509 1:250,000 (China); or ONC; or AMS Series 1301, IMW (Tibet, Western China).

The header line for each target contains, reading from

left to right, the target name, the geographic coordinates, the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

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 GR (Ground Resolution).

Interpretability of the photography is categorized 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), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85 mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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i	Target	Coordinates	WAC	WAC	Coordinates WAC	Target	Target Numbers	
	· diga	Coordinates	"AC	BE	NPIC			
•	-NORTH VIETNAM- MILITARY INSTALLATIONS							
25X1D	THUONG DINH VEHICLE MAINTENANCE AREA IMMEDIATELY SOUTH OF THUONG DINH AND 2.9 NM SW OF HANOI AT UTM NEWLY IDENTIFIED VEHICLE MAINTENANCE AREA CONTAINS 1 LARGE AND 7 MEDIUM VEHICLE MAIN- TENANCE BUILDINGS, 1 LARGE, 7 MEDIUM, AND 11 SMALL STORAGE BUILDINGS, AND 3 BARRACKS, 1 ADMINISTRATION, 1 MESSHALL, 10 SUPPORT, AND 8 MISCELLANEOUS BUILDINGS. OB 31 CARGO TRUCKS, 5 VAN TRUCKS, 1 BUS, 1 SEDAN, AND AT LEAST 8 UNIDENTIFIED VEHICLES. (SEE ATTACHMENT 1)	2059N 10548E	0616		112-U2			
25X1D	ELECTRONICS/COMMUNICATIONS HA DONG COMMUNICATIONS FACILITY 25X1D 1.2 NM EAST OF HA DONG AT UTM FACILITY CONSISTS OF AT LEAST 1 LARGE DIPOLE AND 3 SMALL RHOMBIC ANTENNAS. A SECURED AREA CONTAINS 1 LARGE AND 6 SMALL SUPPORT BUILDINGS. STORAGE	2058N 10548E	0616		256-H			
-	STORAGE							

25X1D

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Target	Coordinates	WAC	Target Numbers	
i ui get	Coordinates	"AC	BE	NPIC
10711177				
ACTIVITY 1 CARGO TRUCK.				
25X1D				
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	, ,	Coordinates	WAC	Target N	lumbers
	Target	Coordinates	WAC	BE	NPIC
,	-NORTH VIETNAM- MISSILES			25X1A	
25X1A 25X1D	HANOI SAM SITE C18-2 25X1D 25X1D 29.3 NM SSW OF HANOI AT 30-32- 105-54-10. AREA APPEARS TO BE RETURNED TO CULTIVATION. MILITARY INSTALLATIONS	2032N 10554E	0616		392-A
25X1D	HANOI AREA ARMY BARRACKS WEST YEN LANG FOUR AREAS 1.9 NM WSW OF HANOI RAILROAD CLASSIFICATION YARD AT UTM AREA A 41 BARRACKS, 4 ADMINISTRATION, 10 STORAGE, 2 AUDITORIUM, AND AT LEAST 18 SMALL SUPPORT BUILDINGS. AREA ALSO CONTAINS A COMMUNICATIONS AND WEATHER STATION. AREAS B,C, AND D POSSIBLE TECHNICAL SCHOOLS NOT NECESSARILY ASSOCIATED WITH THE MILITARY AREA.	2101N 10548E	0616		112-I
, 25X1E	HANOI ARMY BARRACKS WEST TAY HO 1.8 NM NW OF HANOI, AT UTM AREA CONTAINS 41 BARRACKS, 3 ADMINISTRATION, 9 STORAGE, 33 SUPPORT, 3 VEHICLE MAINTENANCE, AND AT LEAST 10 SMALL MISCELLANEOUS BUILDINGS. A SEPARATELY SECURED AREA WITH 4 GUARD TOWERS CONTAINS 22 BARRACKS, 1 LARGE IRREGULARLY SHAPED ADMINISTRATION, 2 SMALLER ADMINISTRATION, 1 VEHICLE MAINTENANCE, AND 13 SUPPORT BUILDINGS.	2102N 10548E	0616		112-R

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	Target	Coordinates	WAC	Target	t Numbers	
			""	BE	NPIC	
25X1D	UNDER CONSTRUCTION. OB 31 CARGO TRUCKS, 5 UTILITY TRUCKS, 13 MOBILE GENERATORS, 1 CRANE, AND 6 UNIDENTIFIED VEHICLES.					
	BAC GIANG AMMUNITION DEPOT 25X1D 3.8 NM NW OF BAC GIANG AT UTM SECURED AREA CONTAINS 8 LARGE REVETTED STORAGE, 2 PROBABLE STORAGE, AND 1 LARGE BARRACKS BUILDING.	2118N 10608E	-0616	25X1A	238-F	
25X1D						
25X1D	HANOI COMMUNICATIONS SITE 25X1D SOUTH EDGE OF DONG KHU AT UTM FACILITIES CONSIST OF 1 PROBABLE FISHBONE— TYPE ANTENNA AND 2 POSSIBLE HORIZONTAL DIPOLE ANTENNAS. A CONTROL/SUPPORT AREA IMMEDIATELY NE OF THE ANTENNA FIELD CONTAINS APPROXIMATELY 20 BARRACKS/SUPPORT BUILDINGS.	2103N 10548E	0616		112-N	
25X1D	BASIC SERVICES BAC GIANG—LANG SON RR REALIGNMENT RAILROAD OBSERVED FROM UTM	2123N 10616E	0616		400	
	RAILROAD REALIGNMENT IS UNDER CONSTRUCTION					

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	Target Coordinates	WAC	Target Numbers	
Target		WAC	BE	NPIC
IS OPERATIONAL. 25X1D				

THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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	Target	Coordinates	WAC	Target N	lumbers
	Tulger	Coordinates	WAC	BE	NPIC
	-NORTH VIETNAM-				
	GROUND				
25X1D	THUONG DINH VEHICLE MAINTENANCE AREA OB 31 CARGO TRUCKS, 5 VAN TRUCKS, 1 BUS, 1 SEDAN, AND AT LEAST 8 UNIDENTIFIED VEHICLES. (SEE ATTACHMENT 1)	2059N 10548E	0616	25X1A	112-U2
05)/45	HANOI ARMY BARRACKS WEST TAY HO OB 31 CARGO TRUCKS, 5 UTILITY TRUCKS, 13 MOBILE GENERATORS, 1 CRANE, AND 6 UNIDENTIFIED VEHICLES.	2102N 10548E	0616	25X1A	112-R
25X1D					
	MISCELLANEOUS				
25X1					
25 <u>X</u> 1D	TRUCK CONVOY NEAR HANOI AT LEAST 17 CARGO TRUCKS (AT LEAST 6 WITH CARGO TRAILERS) OBSERVED PARKED OFF MAIN ROAD AND PARTIALLY CONCEALED BY TREES 2.6 NM WEST OF HANOI AT	2102N 10548E	0616		
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			5/(10		