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PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY



[REDACTED]

25X1A

[REDACTED]

MISSION 5090
31 OCTOBER 1965

NPIC/R-457/65
DECEMBER 1965

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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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.

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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 HMCAA (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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THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p><u>MISSILES</u></p> <p>THANH HOA SAM SITE CO3-2 27.5 NM NNE OF THANH HOA AT 20-13-38N 105-59-50E UTM XH039368. SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVVETTED CENTRAL GUIDANCE AREA, AND 3 REVETTED HOLD POSITIONS. COMOR [REDACTED]</p> <p><u>STORAGE</u></p> <p>DONG BAI STORAGE AREA 1.8 NM WNW OF DONG BAI AT UTM WJ520083. EXTENSIVE STORAGE AREA CONTAINS 6 LARGE WARE- HOUSES AND NUMEROUS SMALLER BUILDINGS. BUILD- INGS EXTEND ALONG BOTH SIDES OF ROUTE 6 AND ARE SERVED BY AN ELABORATE ROAD SYSTEM. [REDACTED]</p>	<p>2013N 10559E</p> <p>2052N 10530E</p>	<p>0616</p> <p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>231-F</p> <p>261-B</p>

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THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-NORTH VIETNAM-				
<u>MISSILES</u> YEN BAI SAM SITE A31-2 2.2 NM NW OF YEN BAI AT 21-43-10N 104-51-03E. SITE HAS DETERIORATED. TWO LAUNCH POSITIONS AND THE CENTRAL GUIDANCE AREA ARE STILL DISCERNIBLE. COMOR [REDACTED] [REDACTED]	2143N 10451E	0616	25X1A [REDACTED]	147-C
<u>INDUSTRY</u> PHU THO CHEMICAL FERTILIZER PLANT LAM THAO 7 NM SE OF PHU THO AND 0.5 NM SOUTH OF THACH SON, ON EAST BANK OF RED RIVER AT UTM WJ305584. RAIL-SERVED CHEMICAL FERTILIZER PLANT CON- TAINS A PROBABLE CRUSHING AND PROCESSING BUILDING, 1 BOILERHOUSE, A PROBABLE SUL- FURIC ACID PLANT, STORAGE TANKS, 4 PROCES- SING BUILDINGS, AN ADMINISTRATION AREA, RAW MATERIAL STORAGE, AND A SEPARATELY SE- CURED AREA WITH 4 BUILDINGS, 2 BURIED TANKS, AND A WATER TOWER. AT LEAST 10 BOMB CRATERS ARE INSIDE THE SECURITY WALL. TWO BUILDINGS APPEAR TO BE DAMAGED. [REDACTED]	2120N 10517E	0616	25X1A [REDACTED]	233
<u>STORAGE</u> X DENH STORAGE AREA 1.2 NM EAST OF X DENH NORTH OF ROUTE 6 AT UTM WJ482125. STORAGE AREA CONTAINS APPROXIMATELY 23 LARGE WARE- HOUSES. MOST OF THE BUILDINGS ARE INTER- CONNECTED BY A TRENCH SYSTEM. A POSSIBLY	2054N 10527E	0616	25X1A [REDACTED]	

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ASSOCIATED AREA 1 NM SOUTH CONTAINS 7 SMALLER BUILDINGS. [REDACTED]	2131N 10513E	0616		406-A
25X1D CHAN MONG STORAGE AREA 1.3 NM ENE OF CHAN MONG AT UTM WJ235807. STORAGE AREA CONTAINS 6 REVETTED STORAGE BUILDINGS. AREA IS SECURED BY A WALL AND 3 GUARD TOWERS. [REDACTED]				
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