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SUMMARY

PHOTOGRAPHIC INTERPRETATION REPORT



BLACK SHIELD MISSION BX6723

17 SEPTEMBER 1967

NPIC/R-194/67
NOVEMBER 1967

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WARNING

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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 COMREX 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 those listed in the Reference Chart (Series 200; AMS (1:50,000 and 1:250,000), ICGM (1:250,000), GNC (1:500,000), and MW (1:1,000,000)).

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 SS (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.

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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.

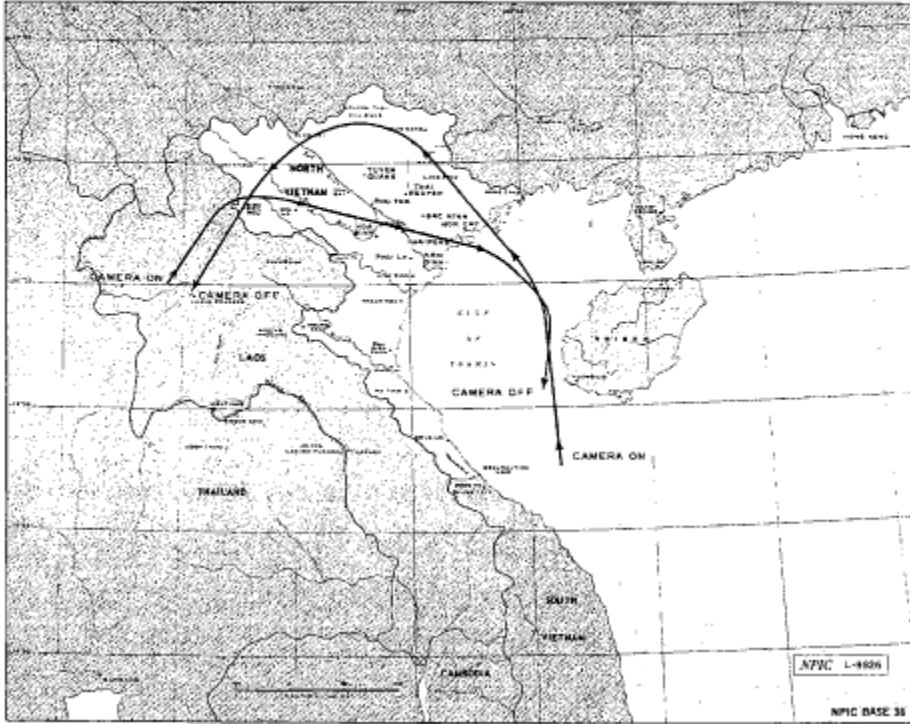
SEVEN MAJOR AIRFIELDS PROVIDING ORBIT OF BATTLE INFORMATION ARE COVERED.

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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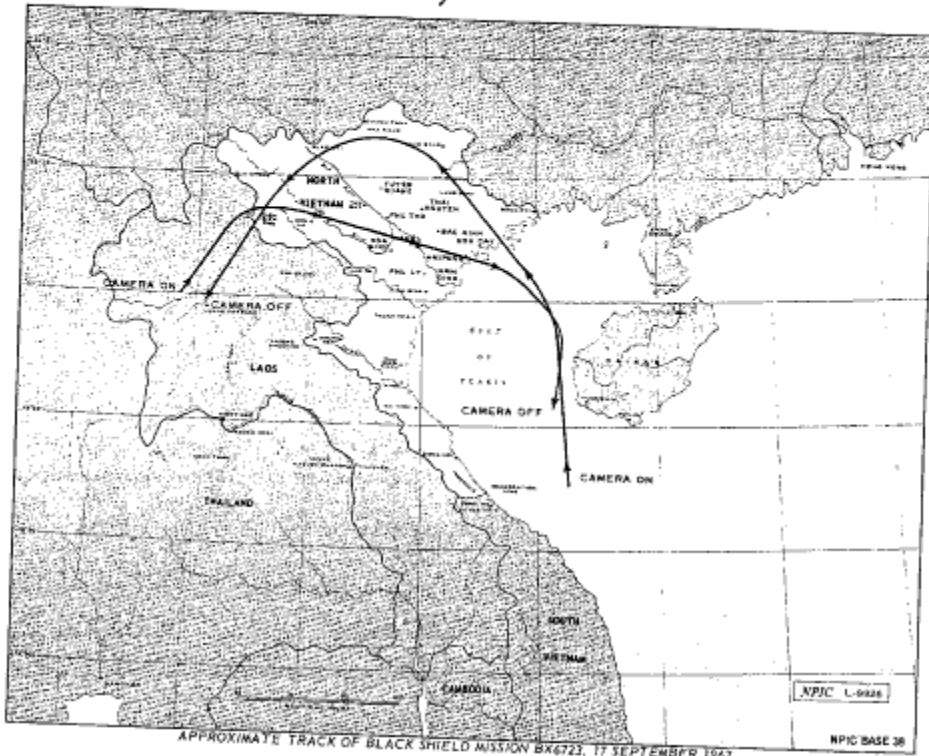


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NPIC/R-194/87



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
-CHINA-				
-- MILITARY INSTALLATIONS --				
HO-KOU VEHICLE PARKS NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D OB -- 43 CARGO TRUCKS. 25X1D [REDACTED] 25X1D	2232N 10356E	8616	25X1A	26-C
HO-KOU ARMY BARRACKS NORTH INSTALLATION CONSISTS OF 5 SMALL AREAS REFERENCED FROM HO-KOU. 25X1D 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. AREA B (1.3 NM NNE AT [REDACTED] -- 5 POSSIBLE STORAGE AND 6 SUPPORT BUILDINGS. AREA C (1.3 NM NORTH AT [REDACTED] -- 3 PROBABLE BARRACKS, 1 BARRACKS/STORAGE, 4 PROBABLE STORAGE, AND 6 SUPPORT BUILDINGS. AREA D (1.1 NM NORTH AT [REDACTED] -- 3 POSSIBLE BARRACKS, 7 POSSIBLE VEHICLE MAINTENANCE, AND 8 SUPPORT BUILDINGS. AREA E (0.6 NM NORTH AT [REDACTED] -- 1 PROBABLE MULTISTORY WAREHOUSE, 1 LONG SHED, AND 2 SUPPORT BUILDINGS. OB -- 8 TRUCKS AND 2 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D	2232N 10357E	8616		26
PING-HSIANG ARMY DEPOT NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D OB -- 20 CARGO TRUCKS AND 11 UTILITY TRUCKS WITH TRAILERS. [REDACTED] 25X1D	2225N 10645E	2616		9-B

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Target	Coordinates	VAC	Target Numbers	
			BE	NPIC
-- BASIC SERVICES -- PING-HSIANG/HA NDI 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.)	2202N 10643E	0616		9-F2
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).	2204N 10644E	0616	25X1A	9-F
TSA-TI-PAD ROAD ROAD OBSERVED FROM HO-KOU (22-30N 103-58E) NW TO 22-53N 103-33E. NO CONSTRUCTION OR VEHICLES OBSERVED.	2302N 10341E	0616		42
PING-HSIANG STORAGE AREA NO APPARENT CHANGE IN FACILITIES SINCE ACTIVITY -- 45 CARGO TRUCKS.	2207N 10650E	0616		9-H
HSIA-SHIH STORAGE AREAS 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 N 106-52 E, CONTAINS AND 3 STORAGE AND 6 SUPPORT BUILDINGS. ACTIVITY -- 101 CARGO TRUCKS.	2207N 10653E	0616		9-I

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

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	Target	Coordinates	VAC	Target Numbers	
				BE	NPIC
25X1D	HA NOI SAM SITE B21-2 (2) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND AN OCCUPIED REVETTED GUIDANCE AREA WITH GUIDANCE RADAR AND 5 VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 VANS. [REDACTED]	2051N 10545E	0616	[REDACTED]	114-H
25X1D	HOA BINH SAM SITE B08-2 (212) SITE IS UNOCCUPIED. [REDACTED]	2052N 10533E	0616	[REDACTED]	261-C
25X1D	HA NOI SAM SITE A17A-2 (45) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH MISSILES ON LAUNCHERS AND 1 WITH UNIDENTIFIED EQUIPMENT), A GUIDANCE AREA WITH A FAN SONG B/C RADAR, AT LEAST 4 VANS, 2 PIECES OF UNIDENTIFIED EQUIPMENT, A REVETTED MISSILE-HOLD POSITION WITH A PROBABLE ANTENNA TRANSPORT TRAILER, AND AN ACQUISITION RADAR POSITION WITH A REVETTED PROBABLE SPOON REST RADAR AND A REVETTED VAN TRUCK. OB -- 5 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG B/C RADAR, 1 SPOON REST RADAR, 1 VAN TRUCK, 4 VANS, AND A PROBABLE ANTENNA TRANSPORT TRAILER. [REDACTED]	2052N 10554E	0616	[REDACTED]	266-G
25X1D	HOA BINH SAM SITE B00A-2 (245) 25X1D 14.1 NM ENE OF HOA BINH AT UTM [REDACTED] NEWLY IDENTIFIED SITE (NO 245) CONSISTS OF 4 OCCUPIED UNREVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, AN OCCUPIED UNREVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 4 VANS, AND AN OCCUPIED ACQUISITION RADAR POSITION WITH 2 TRUCKS. OB -- 4 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, 1 ACQUISITION RADAR, 4 VANS, AND 2 TRUCKS. [REDACTED]	2053N 10535E	0616	25X1A	266-J

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI SAM SITE B25-2 (11) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2854N 10536E	0616	[REDACTED]	266-E
HA NOI SAM SITE A19-2 (15) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2855N 10556E	0616	[REDACTED]	266-F
HA NOI SAM SITE A24-2 (19) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 6 VANS, AN ACQUISITION RADAR SITE WITH 2 UNIDENTIFIED VEHICLES, AND A MISSILE-HOLD POSITION WITH AN UNIDENTIFIED VEHICLE. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, 6 VANS, AND 3 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D	2856N 10543E	0616	[REDACTED]	256-F
HA NOI SAM SITE A14-2 (142) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH PROBABLE MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR, AT LEAST 4 VANS, AND 2 UNIDENTIFIED PIECES OF EQUIPMENT, AND AN OCCUPIED ACQUISITION RADAR SITE. OB -- 6 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, 1 ACQUISITION RADAR, AND 4 VANS. [REDACTED] 25X1D	2856N 10558E	0616	[REDACTED]	499-B
HA NOI SAM SITE A15-2 (243) SITE CONSISTS OF 5 UNRETTED OCCUPIED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, A GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND AT LEAST 4 VAN TRAILERS, AND AN ACQUISITION RADAR POSITION OCCUPIED BY A TRUCK-MOUNTED SPOON REST RADAR AND 1 VAN TRUCK. ONE MISSILE TRANSPORTER WITH CANVAS-COVERED MISSILE AND 2 TRUCKS ARE ON A ROAD IMMEDIATELY EAST OF THE SITE AND 3 PROBABLE MISSILE TRANSPORTERS WITH POSSIBLE MISSILES ARE ON A ROAD IMMEDIATELY WEST OF THE SITE. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 MISSILE	2857N 10554E	0616	25X1A	256-N

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
TRANSPORTER WITH CANVAS-COVERED MISSILE, 3 PROBABLE MISSILE TRANSPORTERS WITH POSSIBLE MISSILES, 1 FAN SONG RADAR, 1 SPOON REST RADAR, 5 VAN TRUCKS, AND 2 OTHER TRUCKS. [REDACTED] 25X1D	[REDACTED] 25X1A		[REDACTED] 25X1A	
HA NOI SAM SITE B27-2 (188) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2859N 10533E	0616	[REDACTED]	529
HA NOI SAM SITE D16-2 (24) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2834N 10607E	0616	[REDACTED]	516
HA NOI SAM SITE C16-2 (166) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2841N 10605E	0616	[REDACTED]	362-A
HAI PHONG SAM SITE A17A-2 (86) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2842N 10644E	0616	[REDACTED]	371-F
HAI PHONG SAM SITE B25-2 (238) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2844N 10622E	0616	[REDACTED]	535
HAI PHONG SAM SITE A28-2 (25) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2844N 10639E	0616	[REDACTED]	189-V
HA NOI SAM SITE C13-2 (81) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2845N 10613E	0616	[REDACTED]	393-A
HAI PHONG SAM SITE A23-2 (66) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2845N 10635E	0616	[REDACTED]	371-A

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE C26-2 (229) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2047N 10617E	0616	[REDACTED]	393-C
HAI PHONG SAM SITE A17-2 (34) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2047N 10642E	0616	[REDACTED]	189-W
HAI PHONG SAM SITE B27-2 (209) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2049N 10623E	0616	[REDACTED]	310-I
HAI PHONG SAM SITE A26-2 (246) 25X1D 7.3 NM WSW OF HAI PHONG AT UTM [REDACTED] NEWLY IDENTIFIED SITE (NO 246) CONSISTS OF 3 OCCUPIED UNREVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND AN OCCUPIED UNREVETTED GUIDANCE AREA WITH GUIDANCE RADAR AND AT LEAST 3 ASSOCIATED VANS. OB -- 3 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND AT LEAST 3 ASSOCIATED VANS. [REDACTED] 25X1D	[REDACTED]	2049N 10633E	0616	[REDACTED]	220-B
HAI PHONG SAM SITE A14-2 (137) SITE CONSISTS OF 3 OCCUPIED UNREVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND A GUIDANCE AREA WITH GUIDANCE RADAR AND 4 ASSOCIATED VANS. NO SUPPORT FACILITIES OBSERVED. OB -- 3 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 4 VANS. [REDACTED] 25X1D	25X1A [REDACTED]	2049N 10643E	0616	[REDACTED]	189-A1
HAI PHONG SAM SITE A14A-2 (220) SITE IS UNOCCUPIED. [REDACTED] 25X1D	25X1A [REDACTED]	2049N 10643E	0616	[REDACTED]	189-A3
				25X1A	

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE B13-2 (184) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2050N 10605E	0616	[REDACTED]	531
HAI PHONG SAM SITE C27-2 (224) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2050N 10617E	0616	[REDACTED]	310-K
HAI PHONG SAM SITE A27-2 (199) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2051N 10637E	0616	[REDACTED]	109-24
HA NOI SAM SITE C12-2 (08) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2052N 10611E	0616	[REDACTED]	312-C
HAI PHONG SAM SITE B20-2 (60) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2052N 10620E	0616	[REDACTED]	310-E
HAI PHONG SAM SITE A29-2 (21) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2052N 10634E	0616	[REDACTED]	109-5
HAI PHONG SAM SITE C20-2 (73) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2053N 10617E	0616	[REDACTED]	310-G
HAI PHONG SAM SITE A29A-2 (37) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2053N 10631E	0616	[REDACTED]	109-Z
HAI PHONG SAM SITE A29B-2 (236) SITE IS UNOCCUPIED. [REDACTED] 25X1D		2053N 10633E	0616	[REDACTED]	109-Z7
				25X1A	

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Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE A31A-2 (219) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2054N 10635E	0616	[REDACTED]	371-B1
HAI PHONG SAM SITE A31-2 (70) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2054N 10636E	0616	[REDACTED]	371-B
HAI PHONG SAM SITE A33A-2 (93) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2054N 10638E	0616	[REDACTED]	109-23
HA NOI SAM SITE C11-2 (84) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2055N 10615E	0616	[REDACTED]	312-B
HAI PHONG SAM SITE A07-2 (55) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2055N 10650E	0616	[REDACTED]	249-C
HA NOI SAM SITE B12-2 (3) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 8 VANS, AND AN OCCUPIED ACQUISITION RADAR SITE. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, 1 ACQUISITION RADAR, AND 8 VANS. [REDACTED] 25X1D	[REDACTED] 25X1A	2056N 10604E	0616	[REDACTED]	312-A
HAI PHONG SAM SITE C29-2 (223) SITE IS UNOCCUPIED. [REDACTED] 25X1D 25X1D	[REDACTED]	2056N 10619E	0616	[REDACTED]	310-J
HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AREA 25X1D 13.2 NM WNW OF HAI PHONG AT 20-56 [REDACTED] N 106-28 [REDACTED] E. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED. [REDACTED] 25X1D	[REDACTED]	2056N 10628E	0616	25X1A	427-D

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Target	Coordinates	NAC	Target Numbers	
			BE	NPIC
HAI PHONG SAM SITE A33-2 (71) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 WITH MISSILES ON LAUNCHERS, 1 WITH LAUNCHER, AND 1 UNOCCUPIED) AND A GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND 5 VANS. OB -- 4 SA-2 MISSILES, 5 LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 5 VANS. [REDACTED] 25X1D	2056N 10636E	0616	[REDACTED]	371-C
HAI PHONG SAM SITE A02-2 (85) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2056N 10642E	0616	[REDACTED]	371-E
HAI PHONG SAM SITE A06-2 (135) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2056N 10648E	0616	[REDACTED]	249-F
HAI PHONG SAM SITE B06B-2 (139) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2057N 10651E	0616	[REDACTED]	249-G
HAI PHONG SAM SITE B06-2 (47) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2058N 10651E	0616	[REDACTED]	249-A
HAI PHONG SAM SITE B30-2 (61) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2059N 10621E	0616	[REDACTED]	310-F
DIEN BIEN PHU SAM SEARCH NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED. [REDACTED] 25X1D	2123N 10301E	0616	[REDACTED]	105-F
HA NOI SAM SITE A11-2 (9) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2100N 10555E	0616	[REDACTED]	114-I

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI SAM SITE B26-2 (189) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2101N 10532E	0616	[REDACTED]	244-F
HA NOI SAM SITE A10-2 (114) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH PROBABLE MISSILES ON LAUNCHERS AND 1 UNOCCUPIED), A REVETTED GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR, AT LEAST 4 VANS, AND 2 UNIDENTIFIED PIECES OF EQUIPMENT, AND A REVETTED ACQUISITION RADAR SITE WITH 2 VAN TRUCKS. OB -- 5 PROBABLE SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 4 VANS. [REDACTED] 25X1D	2101N 10558E	0616	[REDACTED]	114-K
HA NOI SAM STORAGE/ASSEMBLY & BKS GIA LAM IMMEDIATELY WNW OF HANOI/GIA LAM AIRFIELD. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D ACTIVITY -- 3 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D	2102N 10553E	0616	[REDACTED]	114-A
HOA BINH SAM SITE B04-2 (247) 25X1D 15.9 NM NE OF HOA BINH AT UTM [REDACTED] 25X1A NEWLY IDENTIFIED SITE (NO 247) CONSISTS OF 3 UNOCCUPIED UNRETTED LAUNCH POSITIONS AND AN UNOCCUPIED UNRETTED GUIDANCE AREA. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED. OB -- NONE OBSERVED. [REDACTED] 25X1D	2103N 10531E	0616	[REDACTED]	244-G
HA NOI SAM SITE B29-2 (17) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2104N 10539E	0616	[REDACTED]	462-K
			25X1A	



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NPIC-R-194/67

Target	Coordinates	WAC	Target Number	
			BT	NPIC
25X1A HA NOI SAM SITE A29-2 (14) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2104N 10541E	0616	[REDACTED]	462-J
HA NOI SAM SITE A31-2 (159) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND AN OCCUPIED CENTRAL GUIDANCE AREA. OB -- 6 SA-2 MISSILES ON LAUNCHERS AND A GUIDANCE RADAR. [REDACTED] 25X1D	2104N 10546E	0616	[REDACTED]	112-M1
HA NOI SAM SITE A34-2 (244) 3.8 NM NW OF HA NOI AT UTM [REDACTED] NEWLY IDENTIFIED SITE (NO 244) CONSISTS OF 4 OCCUPIED UNRETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS, AN UNRETTED GUIDANCE AREA WITH A FAN SONG RADAR AND 4 VANS, AND AN OCCUPIED ACQUISITION RADAR POSITION WITH 2 TRUCKS. OB -- 4 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, 1 ACQUISITION RADAR, 4 VANS, AND 2 TRUCKS- [REDACTED] 25X1D	2104N 10549E	0616	[REDACTED]	112-M2
HA NOI SAM SITE C28-2 (13) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2105N 10529E	0616	[REDACTED]	114-J
HA NOI SAM SITE B30-2 (16) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2106N 10539E	0616	[REDACTED]	462-L
HA NOI SAM SITE A01-2 (133) SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS WITH MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA WITH A GUIDANCE RADAR AND 5 VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 5 VANS. [REDACTED] 25X1D	2107N 10552E	0616	[REDACTED]	221-L

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NPIC-R-194/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				RF	NPIC
HOA BINH SAM SITE B02-2 (237) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2108N 10525E	0616	[REDACTED]	202-G
HA NOI SAM SITE C29A-2 (211) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2108N 10527E	0616	[REDACTED]	248-C
HA NOI SAM SITE B30A-2 (43) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2108N 10535E	0616	[REDACTED]	248-B
HA NOI SAM SITE A05-2 (158) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2108N 10550E	0616	[REDACTED]	375-A
HA NOI SAM SITE A33-2 (125) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2109N 10546E	0616	[REDACTED]	523
HA NOI SAM SITE A01A-2 (242) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2109N 10551E	0616	[REDACTED]	221-D
HA NOI SAM SITE C29-2 (6) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2110N 10522E	0616	[REDACTED]	200-B
HA NOI SAM SITE B33-2 (64) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2110N 10544E	0616	[REDACTED]	411-A
HA NOI SAM SITE C30E-2 (114) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2111N 10521E	0616	[REDACTED]	262-C
				25X1A	

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25X1A

NPIC-R-199/67

Target	Coordinates	VAC	Target Numbers	
			DE	NPIC
HA NOI SAM SITE B04-2 (5) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 WITH MISSILES ON LAUNCHERS), A REVETTED GUIDANCE AREA WITH A FAN SONG RADAR AND AT LEAST 5 VANS, AN OCCUPIED ACQUISITION RADAR SITE, AND 3 REVETTED MISSILE-HOLD POSITIONS (1 WITH A PROBABLE TRANSPORTER, 1 WITH A POSSIBLE MISSILE ON A POSSIBLE TRANSPORTER, AND 1 UNOCCUPIED). DB -- 4 SA-2 MISSILES ON LAUNCHERS, 1 POSSIBLE SA-2 MISSILE, 1 PROBABLE TRANSPORTER, 1 POSSIBLE TRANSPORTER, 1 FAN SONG RADAR, 1 ACQUISITION RADAR, AND AT LEAST 5 VANS.	211N 10559E	0616		206-E
[REDACTED] 25X1D				
HA NOI SAM SITE C30A-2 (44) SITE IS UNOCCUPIED.	2112N 10521E	0616		389-A
[REDACTED] 25X1D				
HA NOI SAM SITE C30D-2 (92) SITE IS UNOCCUPIED.	2112N 10530E	0616		262-B
[REDACTED] 25X1D				
HA NOI SAM SITE C30-2 (7) SITE IS UNOCCUPIED.	2113N 10521E	0616		200-C
[REDACTED] 25X1D				
HA NOI SAM SITE C30C-2 (51) SITE IS UNOCCUPIED.	2114N 10523E	0616		200-E
[REDACTED] 25X1D				
HA NOI SAM SITE B01A-2 (124) SITE IS UNOCCUPIED.	2114N 10553E	0616		524
[REDACTED] 25X1D				
HA NOI SAM SITE B32-2 (146) SITE IS UNOCCUPIED.	2115N 10535E	0616		262-E
[REDACTED] 25X1D				

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NPIC-R-194767

Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
HA NOI SAM SITE B01-2 (119) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH PROBABLE MISSILES ON LAUNCHERS AND 1 UNOCCUPIED), AN OCCUPIED REVETTED GUIDANCE AREA, AND AN UNOCCUPIED REVETTED ACQUISITION RADAR SITE. OB -- 5 PROBABLE SA-2 MISSILES ON LAUNCHERS AND A GUIDANCE RADAR. [REDACTED] 25X1D	2117N 10553E	0616	[REDACTED]	326-K 25X1A
HA NOI SAM SITE C32-2 (143) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2119N 10531E	0616	[REDACTED]	241-J
HA NOI SAM SITE C02-2 (156) SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS (3 WITH POSSIBLE MISSILES ON LAUNCHERS) AND AN OCCUPIED REVETTED GUIDANCE AREA. OB -- 3 POSSIBLE SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 1 POSSIBLE MISSILE TRANSPORTER. [REDACTED] 25X1D	2122N 10558E	0616	[REDACTED]	204-B
YEN BAI SAM SITE C13-2 (208) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2123N 10517E	0616	[REDACTED]	378-D
HA NOI SAM SITE D31A-2 (28) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2124N 10517E	0616	[REDACTED]	378-B
HA NOI SAM SITE D31C-2 (131) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2124N 10517E	0616	[REDACTED]	525
HA NOI SAM SITE C01-2 (153) SITE IS UNOCCUPIED. [REDACTED] 25X1D	2125N 10551E	0616	[REDACTED]	414-A



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25X1A
NPIC-R-194/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE C01B-2 (128) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2128N 10552E	0616	[REDACTED]	513-B
HA NOI SAM SITE D36-2 (39) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2132N 10547E	0616	[REDACTED]	242-K
HA NOI SAM SITE D35-2 (75) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2130N 10537E	0616	[REDACTED]	242-M
HAI PHONG SAM SITE C34-2 (72) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2101N 10619E	0616	[REDACTED]	370-B
HAI PHONG SAM SITE B01A-2 (121) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2102N 10642E	0616	25X1A	109-X1
HAI PHONG SAM SITE B01-2 (35) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2102N 10643E	0616	[REDACTED]	109-X
HAI PHONG SAM SITE B34-2 (104) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2104N 10634E	0616	[REDACTED]	309-A
HAI PHONG SAM SITE C32A-2 (59) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2106N 10622E	0616	[REDACTED]	302-B
HAI PHONG SAM SITE C32-2 (58) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2106N 10623E	0616	[REDACTED]	302-A

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NPIC-8-194/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HAI PHONG SAM SITE B33-2 (38) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2107N 10630E	0616	[REDACTED]	109-21
HA NOI SAM SITE B07-2 (95) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2108N 10629E	0616	[REDACTED]	206-G
HA NOI SAM SITE B07A-2 (148) SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 WITH MISSILES ON LAUNCHERS, 1 PROBABLY OCCUPIED WITH MISSILE ON LAUNCHER, AND 1 PROBABLY UNOCCUPIED LAUNCHER) AND A GUIDANCE AREA WITH A PROBABLE FAN SONG RADAR AND 4 VANS. OB -- 4 SA-2 MISSILES, 1 PROBABLE SA-2 MISSILE, 6 LAUNCHERS, A PROBABLE FAN SONG RADAR, AND 4 VANS. [REDACTED] 25X1D	[REDACTED]	2109N 10608E	0616	[REDACTED]	206-G1 25X1A
HA NOI SAM SITE C06A-2 (78) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2115N 10616E	0616	[REDACTED]	238-J
HA NOI SAM SITE C07-2 (30) SITE APPEARS ABANDONED. [REDACTED] 25X1D	[REDACTED]	2116N 10619E	0616	[REDACTED]	238-G
HA NOI SAM SITE C05-2 (62) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2117N 10605E	0616	[REDACTED]	206-F
HA NOI SAM SITE B04A-2 (186) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2118N 10602E	0616	[REDACTED]	206-F1
HA NOI SAM SITE C03A-2 (141) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2119N 10602E	0616	[REDACTED]	204-D

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25X1A

NPIC-R-194/67

Target	25X1A	Coordinates	WAC	Target Numbers	
				BE	NPIC
HA NOI SAM SITE C06-2 (32) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2119N 10615E	0616	[REDACTED]	238-H
HA NOI SAM SITE C04A-2 (57) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2120N 10608E	0616	[REDACTED]	238-I
HA NOI SAM SITE C03-2 (130) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2121N 10600E	0616	[REDACTED]	204-C
HA NOI SAM SITE C03B-2 (167) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2121N 10600E	0616	[REDACTED]	204-E
HAI PHONG SAM SITE D35-2 (89) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2121N 10630E	0616	[REDACTED]	397-E
HAI PHONG SAM SITE D35A-2 (97) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2123N 10634E	0616	[REDACTED]	397-F
HA NOI SAM SITE C04-2 (54) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2124N 10611E	0616	[REDACTED]	211-E
HA NOI SAM SITE D04-2 (33) SITE IS UNOCCUPIED. [REDACTED] 25X1D	[REDACTED]	2125N 10612E	0616	[REDACTED]	211-C
LAO CAI SAM SEARCH NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS. [REDACTED] 25X1D	[REDACTED]	2229N 10359E	0616	[REDACTED]	5-K

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NPIC-R-194/67

Target	Coordinates	MAC	Target Numbers	
			BE	NPIC
CAO BANG SAM SEARCH AREA NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS. [REDACTED] 25X1D -- AIR INSTALLATIONS -- TIEN YEN AIRFIELD 1 NM EAST OF TIEN YEN. APPROXIMATELY 1,250 X 100 FT WNW/ESE, PACKED-EARTH LANDING STRIP WITH RUNWAY MARKERS, PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT. OB -- NONE OBSERVED. [REDACTED] 25X1D	2240N 10615E	0616	25X1A	104-B
HANOI/BAC MAI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D [REDACTED] 25X1D OB -- 2 DERELICT AIRCRAFT IN HANGAR WITHOUT ROOF. [REDACTED] 25X1D	2059N 10550E	0616	25X1A	112-E
HAI PHONG/KIEN AN AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D [REDACTED] 25X1D OB -- NONE OBSERVED. [REDACTED] 25X1D	2048N 10636E	0616	25X1A	109-B
HAIPHONG/CAT BI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D [REDACTED] 25X1D OB -- 3 COLT. [REDACTED] 25X1D	2049N 10643E	0616	25X1A	109-A
DIEN BIEN PHU AIRFIELD 0.5 NM NORTH OF DIEN BIEN PHU. SEVENTY BOMB CRATERS ARE IN RUNWAY. ALL AIRFIELD SUPPORT BUILDINGS HAVE BEEN DESTROYED. NO EVIDENCE OF REPAIR OR ACTIVITY OBSERVED. AIRFIELD IS UNSERVICEABLE AND ABANDONED.	2123N 10300E	0616		105

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NPIC-R-194767

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
OB -- NONE OBSERVED. [REDACTED] 25X1D NGHIA LO AIRFIELD SW EDGE OF NGHIA LO. 2,000 X 130 FT NNE/SSW GRADED-EARTH RUNWAY WITH 4 BOMB CRATERS ON WESTERN END, SERVICEABILITY UNDETERMINED. OB -- NONE OBSERVED. [REDACTED] 25X1D			25X1A	133-A
HOA LAC AIRFIELD 1.4 NM WNW OF HOA LAC. 7,400 X 180 FT NW/SE PSP RUNWAY AND A PARALLEL PSP TAXIWAY WITH 2 END-CONNECTING LINKS AND 2 CROSSEVER LINKS. A PROBABLE 7,000 X 180 FT ENE/WSW RUNWAY IS UNDER CONSTRUCTION. THE FOLLOWING DAMAGE IS OBSERVED -- MAIN RUNWAY IS INTERDICTED BY 5 BOMB CRATERS (REPAIRS ARE IN PROGRESS), PARALLEL TAXIWAY WITH 4 CROSSEVER LINKS IS INTERDICTED BY 8 BOMB CRATERS, 5 AIRCRAFT ALERT REVETMENTS AT NW END OF RUNWAY ARE CRATERED, AND 3 PARKING APRONS ARE CRATERED. OB -- 2 FAGOT/FRESCO WITHOUT TAIL SECTIONS AND 2 DELTA-WING DUMMY/DECOY. [REDACTED] 25X1D			[REDACTED]	244-D
HANOI/GIA LAM AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] EXCEPT FOR THE CONSTRUCTION OF 4 AIRCRAFT SHELTERS OVER AIRCRAFT REVETMENTS AT THE SW END OF THE NE/SW TAXIWAY. OB -- 7 FRESCO, 4 FAGOT, 3 COLT, 1 CRATE, 2 CAB, 1 PROBABLE T-28, 1 HOUND, AND 1 CAB FUSELAGE. ONE HOOK IS LOCATED 1.8 NM SE OF THE AIRFIELD AT UTM [REDACTED] [REDACTED] 25X1D	2102N 10553E	0616	[REDACTED]	114
[REDACTED] 25X1D				

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NPIC-R-194/67

Target	Coordinates	VAC	Target Numbers	
			SE	NPIC
HA NOI HELICOPTER DISPERSAL AREA 3.8 NM NORTH OF HA NOI ON NORTH BANK OF THE RED RIVER AT UTM [REDACTED] 25X1D OB -- 3 HOOK. [REDACTED] 25X1D [REDACTED] 25X1A	2105N 10549E	0616		112-04
PHUC YEN AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D [REDACTED] 25X1A [REDACTED] 25X1D EXCEPT FOR THE CONSTRUCTION OF 5 SHELTERS OVER ALERT REVETMENTS ALONG THE E-W TAXIWAY. OB -- 9 FISHBED, 9 FAGOT/FRESCO, 3 DUMMY/DECOY AIRCRAFT, 4 PROBABLE AIRCRAFT NOSE PROBES PROTRUDING FROM AIRCRAFT SHELTERS, AND 1 HOUND AT THE OLD AIRFIELD. [REDACTED] 25X1D	2113N 10548E	0616	25X1A	326-C
KEP HA AIRFIELD 3 NM EAST OF KEP HA. 3,200 X 70 FT NE/SW PACKED-EARTH/MACADAM RUNWAY, UNSERVICEABLE. FACILITIES INCLUDE AN EARTHEN PARALLEL LOOP TAXIWAY WITH 2 EARTHEN CROSSOVER LINKS, 12 AIRCRAFT REVETMENTS IN DISPERSAL AREA TO THE SE, AND 3 AIRCRAFT PARKING REVETMENTS BEHIND SUPPORT FACILITIES TO THE NW. SUPPORT FACILITIES INCLUDE A SMALL OPERATIONS BUILDING WITH CENTRAL TOWER AND 1 SUPPORT BUILDING. SEVEN STORAGE/SUPPORT BUILDINGS ARE AROUND A LOOP ROAD NW OF RUNWAY. AIRFIELD HAS BEEN SUBJECTED TO NUMEROUS AIRSTRIKES RENDERING THE RUNWAY UNSERVICEABLE. OB -- NONE OBSERVED. [REDACTED] 25X1D	2122N 10648E	0616		397
KEP AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D [REDACTED] 25X1A [REDACTED] 25X1D EXCEPT RUNWAY HAS BEEN CRATERED IN 8 PLACES. OB -- NONE DISCERNIBLE. [REDACTED] 25X1D	2124N 10616E	0616		211

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25X1A

NPIC-R-194/67

Target	25X1D	25X1A	Coordinates	WAC	Target Numbers	
					SE	NPIC
LANG SON AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- 3 COLT. [REDACTED] 25X1D			2150N 10646E	0616	[REDACTED]	119-A
LAO CAI AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- NONE OBSERVED. [REDACTED] 25X1D			2228N 10358E	0616	[REDACTED]	5-A
HA GIANG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- NONE OBSERVED. [REDACTED] 25X1D			2252N 10457E	0616	[REDACTED]	417-B
CAO BANG AIRFIELD NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- NONE OBSERVED. [REDACTED] 25X1D			2239N 10616E	0616	[REDACTED]	104
-- MILITARY INSTALLATIONS --						
PHU YEN MILITARY INSTALLATION 25X1D 0.5 NM WEST OF PHU YEN AT UTM [REDACTED] SECURED PROBABLE HEADQUARTERS AREA CONTAINS 4 BARRACKS, 2 ADMINISTRATION, AND 4 SMALL SUPPORT BUILDINGS AND 1 VEHICLE SHED. [REDACTED] 25X1D			2048N 10542E	0616	[REDACTED]	345
THUONG LAM MILITARY AREAS 25X1D THREE MILITARY AREAS REFERENCED FROM THUONG LAM. AREA A (1.5 NM NW AT UTM [REDACTED] -- 2 ADMINISTRATION AND APPROXIMATELY 10 SUPPORT BUILDINGS. AREA B (1.5 NM WEST AT [REDACTED] -- 20 BARRACKS, 2 ADMINISTRATION, AND APPROXIMATELY 10 SUPPORT BUILDINGS. [REDACTED] 25X1D			2049N 10539E	0616	[REDACTED]	230-A



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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>TRENCHING OBSERVED THROUGHOUT AREA. TRAINING AREA IMMEDIATELY SOUTH OF BARRACKS AREA CONTAINS 4 AUTOMATIC WEAPONS FIRING RANGES WITH AT LEAST 10 MOVING TARGET RUNS.</p> <p>AREA C (3.5 NM NW AT [REDACTED] 25X1D) -- 2 VEHICLE MAINTENANCE BUILDINGS AND APPROXIMATELY 20 SUPPORT BUILDINGS. TRAINING FACILITIES INCLUDE SEVERAL DRIVER TRAINING COURSES.</p> <p>[REDACTED] 25X1D</p>				
<p>NINH DUONG ARMY BARRACKS SW NGA MY 25X1D 0.5 NM ENE OF NGA MY AT UTM [REDACTED] AND IMMEDIATELY EAST OF HA NOI SAM SITE B21-2. SECURED CAMP CONTAINS 41 BARRACKS (1 DESTROYED AND 1 WITH MODERATE DAMAGE), 7 ADMINISTRATION, 3 MESSHALL, 7 STORAGE, 3 REVETTED STORAGE, AND 5 MISCELLANEOUS BUILDINGS, 1 H-SHAPED BUILDING FOUNDATION, AND AN ATHLETIC FIELD.</p> <p>[REDACTED] 25X1D</p>	2051N 10545E	0616	25X1A	265
<p>VAN TRAI MILITARY AREAS 25X1D THREE MILITARY AREAS REFERENCED FROM VAN TRAI. AREA A (0.3 NM WEST AT UTM [REDACTED] -- SECURED AREA CONTAINS 10 BARRACKS, 2 MULTIWING ADMINISTRATION, AND 8 SUPPORT BUILDINGS. 25X1D AREA B (0.8 NM EAST AT [REDACTED] -- SECURED AREA CONTAINS 21 BARRACKS, 2 ADMINISTRATION, 2 MESSHALL, 1 FIELD HOUSE, AND 8 SUPPORT BUILDINGS. AREA C (0.8 NM ESE AT [REDACTED] -- SECURED AREA 25X1D CONTAINS 12 BARRACKS, 2 ADMINISTRATION, 6 STORAGE, AND 6 SUPPORT BUILDINGS.</p> <p>[REDACTED] 25X1D</p>	2052N 10552E	0616		266-B
<p>XUAN MAI ARMY BARRACKS SSW 25X1D 1 NM SSW OF XUAN MAI AT UTM [REDACTED] ALL PREVIOUSLY REPORTED BARRACKS AND ADMINISTRATION BUILDINGS HAVE BEEN DISMANTLED/DESTROYED. FOUR REVETTED AMMUNITION STORAGE, 1 MESSHALL, AND 4 SUPPORT BUILDINGS REMAIN. NO ACTIVITY OBSERVED. AREA APPEARS</p>	2053N 10534E	0616		261

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NPIC-R-194767

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ABANDONED. [REDACTED] 25X1D			25X1A	
THUONG DINH ARMY BARRACKS NORTH [REDACTED] 25X1D	2054N 10551E	0616	[REDACTED]	266
VAN DIEN ARMY SUPPLY DEPOT [REDACTED] 25X1D	2055N 10551E	0616	[REDACTED]	266-C
CHUC SON ARMY BARRACKS NORTH [REDACTED] 25X1D	2056N 10542E	0616	[REDACTED]	256-C
XUAN MAI ARMY BARRACKS NNW HOA MUC 2.8 NM NNW OF XUAN MAI AT UTM [REDACTED] 25X1D AREA IS ABANDONED. SECURITY FENCE IS IN DISREPAIR. ALL PREVIOUSLY REPORTED BUILDINGS HAVE BEEN DISMANTLED. [REDACTED] 25X1D	2057N 10534E	0616	[REDACTED]	261-A
HA DONG ARMY BARRACKS SW [REDACTED] 25X1D	2057N 10545E	0616	[REDACTED]	256
HA DONG ARMY BARRACKS [REDACTED] 25X1D	2058N 10546E	0616	[REDACTED]	256-B
GIAP NHAT SUPPLY & MAINTENANCE FACILITY [REDACTED] 25X1D	2058N 10550E	0616	[REDACTED]	256-K
HA NOI BARRACKS AREA GIAP LUC [REDACTED] 25X1D	2058N 10551E	0616	[REDACTED]	112-E2

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NPIC-R-194/67

Target	Coordinates	WAC	Target Number	
			BE	NPIC
DAI MO ARMY BARRACKS WSW [REDACTED] 25X1D	2059N 10543E	0616	[REDACTED]	256-E
HA NOI MV REPAIR AND REASSEMBLY PLANT [REDACTED] 25X1D	2059N 10548E	0616	[REDACTED]	112-U2
HA NOI ARMY BARRACKS BAC MAI AIRFIELD [REDACTED] 25X1D	2059N 10549E	0616	[REDACTED]	112-G
HA NOI POSSIBLE BARRACKS AREA BAC MAI [REDACTED] 25X1D	2059N 10550E	0616	[REDACTED]	112-F
HUNG YEN ARMY BARRACKS 25X1D 1.5 NM NORTH OF HUNG YEN AT UTM [REDACTED] TWO FENCED AREAS CONTAIN A TOTAL OF 27 BARRACKS, 1 U-SHAPED ADMINISTRATION, 1 E-SHAPED ADMINISTRATION, 2 MESSHALL, AND 20 STORAGE/SUPPORT BUILDINGS. [REDACTED] 25X1D	2048N 10604E	0616	[REDACTED]	362
HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG 3.8 NM SW OF HAI PHONG AND 1.5 NM ENE OF HAI PHONG/KIEN AN AIRFIELD. AREA IS CRATERED AND APPEARS ABANDONED. THIRTY-TWO REVERTED STORAGE BUILDINGS ARE DAMAGED OR APPEAR IN DISUSE. [REDACTED] 25X1D	2048N 10638E	0616	[REDACTED]	109-G
HAI PHONG ORDNANCE DEPOT KIEN AN 0.7 NM SE OF HAI PHONG/KIEN AN AIRFIELD AT UTM [REDACTED] 25X1D DEPOT CONSISTS OF APPROXIMATELY 80 REVERTMENTS WITH AT LEAST 24 PDL STORAGE TANKS BURIED IN 12 OF THE REVERTMENTS. [REDACTED] 25X1D	2048N 10638E	0616	[REDACTED]	260-B

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NPIC-R-194/67

Target	Coordinates	NAC	Target Number	
			BE	NPIC
HAI PHONG ARMY BARRACKS KIEN AN [REDACTED] 25X1D	2849N 18638E	8616	[REDACTED]	189-F
HAI PHONG ARMY BARRACKS SE CAT BI 2 NM SE OF HAI PHONG. INSTALLATION CONSISTS OF 3 AREAS WITH NUMEROUS DISMANTLED BUILDINGS. AREA A -- 26 BARRACKS AND 15 STORAGE/SUPPORT BUILDINGS REMAIN. AREA B -- A PROBABLE HOSPITAL AREA CONTAINS 9 INTERCONNECTED, 4 INTERCONNECTED HOSPITAL-TYPE, 2 ADMINISTRATION, AND 15 STORAGE/SUPPORT BUILDINGS. AREA C -- 25 STORAGE/SUPPORT BUILDINGS REMAIN. [REDACTED] 25X1D	2849N 18642E	8616	[REDACTED]	189-A2
LOI DONG ARMY BARRACKS 25X1D EAST EDGE OF LOI DONG AT UTM [REDACTED] AREA HAS BEEN SUBJECTED TO AIR STRIKES WITH THE MAJORITY OF STRUCTURES DAMAGED BEYOND USE. AREA CONTAINS 2 DESTROYED AND 2 SEVERELY DAMAGED BARRACKS, 2 DESTROYED AND 1 SEVERELY DAMAGED LARGE STORAGE BUILDING, 1 DESTROYED AND 1 SEVERELY DAMAGED MESSHALL, 3 DAMAGED SMALL REVETTED STORAGE BUILDINGS, AND 18 DAMAGED/DESTROYED SUPPORT/STORAGE BUILDINGS. [REDACTED] 25X1D	2853N 18636E	8616	[REDACTED]	225
HAI PHONG ARMY BARRACKS NORTH 25X1D 2 NM NORTH OF HAI PHONG AT UTM [REDACTED] SECURED AREA CONTAINS 15 BARRACKS, 1 ADMINISTRATION, 1 MESSHALL, AND 7 SUPPORT BUILDINGS. [REDACTED] 25X1D	2853N 18641E	8616	[REDACTED]	189-J
KE SAT MILITARY STORAGE AREA 8.7 NM SW OF NGOC LAP. STORAGE COMPLEX HAS BEEN SUBJECTED TO AIR STRIKES. FIFTEEN STORAGE BUILDINGS ARE DESTROYED, 8 DAMAGED, AND 3 REMAIN INTACT, 2 BARRACKS ARE DESTROYED, AND 17 STORAGE/SUPPORT BUILDINGS ARE DESTROYED/DAMAGED. AREA	2854N 18686E	8616	[REDACTED]	311

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Target	Coordinates	WAC	Target Number	
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<p>APPEARS ABANDONED [REDACTED] 25X1D</p> <p>BAN YEN NHAN ARMY BARRACKS [REDACTED] 25X1D NW EDGE OF BAN YEN NHAN AT UTM [REDACTED] BARRACKS AREA HAS BEEN SUBJECTED TO AIR STRIKES AND CONTAINS 4 BARRACKS (3 DAMAGED), 1 DAMAGED ADMINISTRATION BUILDING, 1 DAMAGED MESSHALL, 6 VEHICLE SHEDS (5 DAMAGED), 3 SMALL REVETTED STORAGE BUILDINGS, 7 DESTROYED/DAMAGED MISCELLANEOUS BUILDINGS, AND A SMALL-ARMS FIRING-RANGE. OB -- APPROXIMATELY 18 MISSILE CANISTERS. [REDACTED] 25X1D</p>	2856N 18682E	8616	25X1A	312
<p>HAI DUONG BARRACKS WEST [REDACTED] 25X1D THREE SEPARATELY FENCED BARRACKS AREAS 1.6 NM WSW OF HAI DUONG AT UTM [REDACTED] AREAS HAVE BEEN SUBJECTED TO AIR STRIKES. AREA A (WEST AREA) -- 1 DESTROYED, 3 DAMAGED, AND 4 UNDAMAGED BARRACKS, 1 ADMINISTRATION, AND 3 STORAGE BUILDINGS. AREA B (CENTRAL AREA) -- 4 DESTROYED, 3 DAMAGED, AND 4 UNDAMAGED BARRACKS, 2 ADMINISTRATION, 1 MESSHALL, AND 5 MISCELLANEOUS BUILDINGS. AREA C (EAST AREA) -- 4 DESTROYED, 1 DAMAGED, AND 1 UNDAMAGED BARRACKS, 1 DESTROYED MESSHALL, AND 2 DESTROYED MISCELLANEOUS BUILDINGS. [REDACTED] 25X1D</p>	2856N 18619E	8616	[REDACTED]	318-A
<p>HAI DUONG BARRACKS AREA NORTH [REDACTED] 25X1D 1.5 NM NORTH OF HAI DUONG AT UTM [REDACTED] AREA HAS BEEN SUBJECTED TO AIR STRIKES. SECURED AREA CONTAINS 1 DESTROYED, 1 DAMAGED, AND 2 UNDAMAGED BARRACKS, 1 DAMAGED AND 1 UNDAMAGED VEHICLE SHED, AND 5 UNDAMAGED STORAGE BUILDINGS (3 REVETTED). [REDACTED] 25X1D</p>	2857N 18628E	8616	[REDACTED]	318-B



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Target	Coordinates	WAC	Target Numbers	
			AC	NPIC
BAN POM LOT BARRACKS AND STORAGE AREA AT BAN POM LOT. ALL 4 AREAS HAVE BEEN DESTROYED, DISMANTLED, OR OVERGROWN. ENTIRE AREA IS ABANDONED. [REDACTED] 25X1D	2117N 10300E	0616	[REDACTED]	105-B
DIEN BIEN PHU HQ 316 INFANTRY BRIGADE ALL AREAS HAVE BEEN SUBJECTED TO AIR STRIKE AND HAVE BEEN DESTROYED, DISMANTLED, OR OVERGROWN. THE ENTIRE AREA APPEARS ABANDONED. [REDACTED] 25X1D	2122N 10301E	0616	[REDACTED]	105-A
NA PHU MILITARY AREAS 25X1D FIVE AREAS IN NA PHU VICINITY. AREA A (AT UTM [REDACTED]) -- HAS BEEN SUBJECTED TO AIR STRIKES. THREE DAMAGED BUILDINGS REMAIN. ALL OTHER STRUCTURES DESTROYED. 25X1D AREA B (AT [REDACTED]) -- CLOUD COVERED. 25X1D AREA C (AT [REDACTED]) -- ALL STRUCTURES DISMANTLED. 25X1D AREA D (AT [REDACTED]) -- ALL STRUCTURES/FACILITIES DESTROYED/DISMANTLED WITH THE EXCEPTION OF 4 BUILDINGS IN DISREPAIR. 25X1D AREA E (AT [REDACTED]) -- STORAGE AREA SUBJECTED TO AIR STRIKE CONTAINS 24 DISPERSED STORAGE BUILDINGS DAMAGED OR IN DISREPAIR. [REDACTED] 25X1A	2111N 10437E	0616	[REDACTED]	287-A
BAN NUOC CHIEU AMMUNITION DEPOT 2.5 NM SOUTH OF BAN NUOC CHIEU. STORAGE AREA HAS BEEN SUBJECTED TO AIR STRIKES. TWENTY-FOUR DISPERSED BUILDINGS ARE DAMAGED OR IN DISREPAIR. AREA APPEARS ABANDONED. [REDACTED] 25X1A	2118N 10442E	0616	[REDACTED]	287-B
VAN HOI MILITARY AREAS THREE SECURED AREAS REFERENCED FROM VAN HOI. AREA A (4 NM SE AT UTM [REDACTED]) -- CLOUD COVERED. AREA B (4.3 NM SSE AT [REDACTED]) -- 9 BARRACKS AND 1 ADMINISTRATION BUILDING REMAIN. ALL OTHER PREVIOUSLY [REDACTED] 25X1A	2131N 10454E	0616	[REDACTED]	451

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25X1D	Target	Coordinates	VAC	NPIC-R-194/67 Target Numbers	
				BE	NPIC
	REPORTED STRUCTURES HAVE BEEN DISMANTLED. AREA C (7 NM SE AT [REDACTED]) -- ALL STRUCTURES BUT 4 BUILDINGS HAVE BEEN DISMANTLED. AREA APPEARS ABANDONED. [REDACTED] 25X1D				
	NGHIA LO ARMY BARRACKS 25X1D FOUR BARRACKS ARE REFERENCED FROM NGHIA LO. AREA A (IMMEDIATELY SW AT UTM [REDACTED]) -- CLOUD COVERED. 25X1D AREA B (0.5 NM SE AT [REDACTED]) -- ALL BUT 2 STRUCTURES ARE DESTROYED OR DISMANTLED. 25X1D AREA C (1 NM SSW AT [REDACTED]) -- ALL STRUCTURES ARE DESTROYED OR DISMANTLED. 25X1D AREA D (4.5 NM SE AT [REDACTED]) -- CLOUD COVERED. 25X1D [REDACTED] 25X1D	2136N 10438E	0616	25X1A	133-B
25X1D	HA NOI PROBABLE MILITARY STORAGE AREA PHU THI 7 NM EAST OF HA NOI RAILROAD CLASSIFICATION YARD AT UTM [REDACTED] RAIL-SERVED FACILITY HAS BEEN SUBJECTED TO AIR STRIKES. TWO WAREHOUSES HAVE SUSTAINED STRUCTURAL DAMAGE. ACTIVITY -- 1 PROBABLE LOCOMOTIVE, 11 FLAT CARS, AND 4 BOX CARS ON RAIL SPIUR [REDACTED] 25X1D	2100N 10558E	0616		499
	HA NOI AREA ARMY BARRACKS WEST YEN LANG [REDACTED] 25X1D	2101N 10549E	0616		112-1
	HA NOI STORAGE DEPOT CO BI 25X1A 4.2 NM EAST OF HA NOI RAILROAD STATION CLASSIFICATION YARD AND SHOPS (BE NO [REDACTED]). DEPOT CONSISTS OF 6 AREAS. AREA A -- SECURED STORAGE AREA CONSISTS OF 4 LARGE WAREHOUSE-TYPE AND 9 SUPPORT BUILDINGS. AREA B -- SECURED STORAGE AREA ADJACENT TO AREA A CONSISTS OF ONE 2-STORY PROBABLE BARRACKS, 4 PROBABLE STORAGE BUILDINGS, 7 SUPPORT BUILDINGS, AND A WATER	2101N 10555E	0616		114-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>TOWER.</p> <p>AREA C -- UNSECURED AREA EAST OF AREAS A AND B CONSISTS OF FIVE 3-STORY BARRACKS, ONE 2-STORY H-SHAPED ADMINISTRATION, 1 AUDITORIUM, 1 MESSHALL, AND 15 SMALL SUPPORT BUILDINGS.</p> <p>AREA D -- SECURED VEHICLE STORAGE AREA WEST OF AREAS A AND B CONSISTS OF 2 VEHICLE SHEDS, 1 VEHICLE MAINTENANCE SHED, 1 REVETTED BUILDING, 2 SUPPORT BUILDINGS, AND 3 SMALL SHEDS.</p> <p>AREA E -- SECURED BARRACKS AND STORAGE AREA ADJACENT TO AREA D CONSISTS OF 1 BARRACKS, 2 STORAGE, AND 15 ADMINISTRATION/SUPPORT BUILDINGS. UNIDENTIFIED MATERIALS ARE OBSERVED IN OPEN STORAGE.</p> <p>AREA F -- SECURED EXPLOSIVES STORAGE AREA ADJACENT TO AREAS D AND E CONSISTS OF 1 REVETTED STORAGE AND 1 SMALL SUPPORT BUILDING.</p> <p>OR -- 3 VEHICLES.</p> <p>[REDACTED] 25X1D</p>				
<p>YEN SO BARRACKS AREA</p> <p>[REDACTED] 25X1D</p>	2102N 10540E	0616		462-G
<p>HA NOI VEHICLE & RADAR MAINTENANCE FACILITY</p> <p>[REDACTED] 25X1D</p>	2102N 10545E	0616		462-A
<p>HA NOI ARMY BARRACKS WNW MAI DICH</p> <p>1 NM WEST OF MAI DICH AND ADJACENT TO HA NOI SUPPLY DEPOT WNW AT UTM [REDACTED]</p> <p>FACILITY CONTAINS 17 BARRACKS, 3 ADMINISTRATION, 1 MESSHALL, AND 6 STORAGE/SUPPORT BUILDINGS.</p> <p>25X1D [REDACTED]</p>	2102N 10545E	0616	25X1A	462-A1
<p>HA NOI ARMY BARRACKS WEST MAI DICH</p> <p>25X1D [REDACTED]</p>	2102N 10546E	0616		112-L

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI PROBABLE MILITARY AREA [REDACTED] 25X1D	2102N 10540E	0616	25X1A	112-R1
HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL HQ [REDACTED] 25X1D	2102N 10550E	0616	[REDACTED]	112-A
DAN HOI ARMY BARRACKS SOUTH 1 NM SE OF DAN HOI AT UTM [REDACTED] SECURED INSTALLATION CONTAINS 22 BARRACKS, 7 ADMINISTRATION, 10 STORAGE, 16 SUPPORT, 3 POSSIBLE AMMUNITION STORAGE, 4 MESSHALL, AND 6 MISCELLANEOUS BUILDINGS AND AN ATHLETIC FIELD. OB -- 3 PROBABLE CARGO TRUCKS. [REDACTED] 25X1D	2103N 10543E	0616	[REDACTED]	462-C
KINH NO MILITARY INSTALLATION [REDACTED] 25X1D	2107N 10551E	0616	[REDACTED]	221-H
BINH HA BARRACKS AREA [REDACTED] 25X1D	2107N 10557E	0616	[REDACTED]	297
CAM DAI ARMY BARRACKS 1 NM EAST OF CAM DAI AT UTM [REDACTED] 25X1D AREA HAS BEEN SUBJECTED TO AIR STRIKES. NINE BUILDINGS REMAIN INTACT. ALL OTHER BUILDINGS HAVE BEEN DESTROYED OR HEAVILY DAMAGED. NUMEROUS BOMB CRATERS OBSERVED THROUGHOUT AREA. [REDACTED] 25X1D	2108N 10522E	0616	[REDACTED]	200
XOM CHAN DA MILITARY INSTALLATION TWO AREAS REFERENCED FROM XOM CHAN DA. 25X1D AREA A (1.4 NM NW AT UTM [REDACTED]) -- AREA APPEARS ABANDONED. APPROXIMATELY 10 BUILDINGS ARE DESTROYED/DISMANTLED. FOUR BARRACKS AND 1 ADMINISTRATION BUILDING REMAIN.	2109N 10511E	0616	[REDACTED]	385-B

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	25X1D	25X1D	Target	Coordinates	WAC	Target Numbers	
						BE	NPIC
			AREA B (AT [REDACTED]) -- CLOUD COVERED.				
			KINH NO MV REPAIR PLANT CUONG NO 25X1D TWO AREAS 1 NM SE OF NGUYEN KHE. AREA A (AT UTM [REDACTED]) -- 5 BUILDINGS ARE DESTROYED AND 10 BUILDINGS HAVE SUSTAINED LIGHT-TO-MODERATE DAMAGE.	2109N 10551E	0616	25X1A	221-F
25X1D			AREA B (AT [REDACTED]) -- 19 SINGLE-STORY BARRACKS, 4 MULTISTORY ADMINISTRATION/BARRACKS, 13 SMALL SUPPORT, AND 2 SMALL REVETTED BUILDINGS AND 1 WATER TOWER. TRENCHES ARE OBSERVED THROUGHOUT THE AREA.				
25X1D			YEN KHOAI ARMY BKS AND AMMO DEPOT 8.8 NM WEST OF YEN KHOAI AND 1.5 NM NE OF CAM DAI AT UTM [REDACTED] INSTALLATION HAS BEEN SUBJECTED TO AIR STRIKES. THIRTY-TWO BUILDINGS HAVE BEEN DESTROYED, 37 DAMAGED, AND 1 BUILDING REMAINS INTACT.	2110N 10522E	0616		313
25X1D			PHUC YEN ARMY BARRACKS [REDACTED]	2113N 10542E	0616		326-B
25X1D			PHUC YEN AIRFIELD BARRACKS [REDACTED]	2116N 10549E	0616		326-I
25X1D			MY KHE MILITARY AREAS MY KHE VICINITY. AREA HAS SUSTAINED LIGHT BOMB DAMAGE FROM AIR STRIKES. NUMEROUS CRATERS ARE IN AREA. EXTENT OF DAMAGE CANNOT BE DETERMINED DUE TO HAZE AND SMALL SCALE. [REDACTED]	2120N 10541E	0616		241-F

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
PHUC DUC ARMY BARRACKS 1.2 NM WSW OF PHUC DUC AT UTM [REDACTED] INSTALLATION CONSISTS OF 5 ADJACENT AREAS CONTAINING A TOTAL OF 21 BARRACKS, 4 ADMINISTRATION, 8 STORAGE, 2 REVETTED STORAGE, 13 ADMINISTRATION/SUPPORT, 5 MESSHALL, AND 24 MISCELLANEOUS BUILDINGS. NUMEROUS TRENCHES AND A TRACKED-VEHICLE DRIVER-TRAINING COURSE ARE IN THE AREA. [REDACTED] 25X1D	2121N 10521E	0616	[REDACTED]	378
DUC THANG ARMY BARRACKS EAST 0.8 NM NE OF DUC THANG AT UTM [REDACTED] BARRACKS AREA CONTAINS 9 BARRACKS (5 WITH LIGHT DAMAGE), 2 ADMINISTRATION, 3 MESSHALL, 14 STORAGE, 1 REVETTED STORAGE, AND APPROXIMATELY 12 SUPPORT BUILDINGS. A DRIVER-TRAINING AREA IS 1.5 NM NNW. [REDACTED] 25X1D	2121N 10559E	0616	[REDACTED]	284
DUC THANG ARMY BARRACKS NNW [REDACTED] 25X1D	2122N 10559E	0616	[REDACTED]	284-A
BIEU NGHI MILITARY AREAS 1 NM EAST OF BIEU NGHI ON NORTH SIDE OF ROUTE 10. INSTALLATION CONSISTS OF 2 AREAS. AREA A (AT UTM [REDACTED]) -- SECURED AREA CONTAINS 21 BARRACKS, 1 CORRIDOR-CONNECTED ADMINISTRATION/MESSHALL, 2 STORAGE, AND 5 SUPPORT BUILDINGS. AREA B (AT UTM [REDACTED]) -- 8 BARRACKS-TYPE, 1 ADMINISTRATION, 1 LARGE AUDITORIUM-TYPE, AND 1 STORAGE/SUPPORT BUILDING. [REDACTED] 25X1D	2100N 10651E	0616	[REDACTED]	468
SEPT PAGODES BARRACKS & STORAGE AREA 0.6 NM ENE OF SEPT PAGODES AT UTM [REDACTED] ALL 25 PREVIOUSLY REPORTED STORAGE/SHOP BUILDINGS HAVE BEEN DISMANTLED. FOUR WAREHOUSES REMAIN. [REDACTED] 25X1D	2106N 10610E	0616	[REDACTED]	382

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NPIC-R-194/67

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	MAT SON BARRACKS AREA 8.8 NM NE OF MAT SON ON NW SIDE OF ROUTE 18 AT UTM [REDACTED] SECURED AREA, ADJACENT TO HAI PHONG SAM SITE C32-2, CONTAINS 8 BARRACKS, 1 ADMINISTRATION, AND 5 SUPPORT BUILDINGS.	2106N 10623E	0616		302-A1
25X1D	[REDACTED]			25X1A	
25X1D	DONG TRIEU ARMY BARRACKS NW [REDACTED] 25X1D 3.2 NM NNW OF DONG TRIEU AT UTM [REDACTED] INSTALLATION CONSISTS OF 2 AREAS CONTAINING A TOTAL OF 26 BARRACKS, 9 ADMINISTRATION, AND 7 MISCELLANEOUS BUILDINGS. TWELVE BARRACKS, 2 MESSHALLS, AND APPROXIMATELY 5 STORAGE BUILDINGS HAVE BEEN DISMANTLED.	2107N 10630E	0616	[REDACTED]	263-A
	DONG TRIEU ARMY BKS NORTHEAST TRAI SUU [REDACTED] 25X1D 3.4 NM NE OF DONG TRIEU AT UTM [REDACTED] AREA CONTAINS 39 BARRACKS, 1 ADMINISTRATION, 2 MESSHALL, AND 7 MISCELLANEOUS BUILDINGS.	2107N 10632E	0616	[REDACTED]	263
	[REDACTED] 25X1D				
	CHU MAU PROBABLE BARRACKS AREA [REDACTED] 25X1D	2109N 10606E	0616	[REDACTED]	206-J
	BAC NINH ARMY BARRACKS [REDACTED] 25X1D	2110N 10603E	0616	[REDACTED]	206-A
	CO MANH MILITARY CAMP [REDACTED] 25X1D 1.5 NM SE OF CO MANH AT UTM [REDACTED] CAMP CONTAINS 10 SMALL BARRACKS, 1 SMALL ADMINISTRATION, AND 4 SMALL SUPPORT BUILDINGS.	2110N 10627E	0616		396
	[REDACTED] 25X1D				

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Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
25X1D BAC NINH ARMY BARRACKS NE DAP CAU 1.8 NM NE OF BAC NINH ON SW EDGE OF THI CAU ON BOTH SIDES OF RAILROAD AT UTM [REDACTED] MILITARY CAMP CONTAINS APPROXIMATELY 90 BARRACKS-TYPE, 3 AMMUNITION STORAGE, 6 MESSHALL, AND 8 MISCELLANEOUS BUILDINGS, 2 ATHLETIC FIELDS, AND SCATTERED TRENCHING. TEN REVETMENTS ARE ON WEST EDGE OF MILITARY AREA AND APPROXIMATELY 20 REVETMENTS ARE UNDER CONSTRUCTION ON SW EDGE OF CAMP. SECURED STORAGE AREA ON SOUTH EDGE OF CAMP CONTAINS 4 STORAGE AND 60 SMALL BUILDINGS. NO VEHICLES OR EQUIPMENT OBSERVED. [REDACTED] 25X1D	2111N 10605E	0616	[REDACTED]	206-B 25X1A
BAC NINH MILITARY AREA [REDACTED] 25X1D	2112N 10605E	0616	[REDACTED]	206-C
CAM LY AMMUNITION DEPOT [REDACTED] 25X1D	2112N 10624E	0616	[REDACTED]	496
BAC GIANG MILITARY AREA [REDACTED] 25X1D	2117N 10612E	0616	[REDACTED]	238-B 25X1A
BAC GIANG MAINTENANCE/STORAGE AREA [REDACTED] 25X1D	2117N 10612E	0616	[REDACTED]	238-L
BAC GIANG AMMUNITION DEPOT [REDACTED] 25X1D	2118N 10608E	0616	[REDACTED]	238-F
TRAI THON ARMY BARRACKS 1 NM NE OF TRAI THON AT UTM [REDACTED] BARRACKS AREA HAS BEEN SUBJECT TO AIR STRIKES. FOUR 2-STORY BARRACKS, 1 ADMINISTRATION BUILDING, 1 MESSHALL, AND 1 AUDITORIUM-TYPE BUILDING ARE DESTROYED. SEVEN 2-STORY BARRACKS AND 4 STORAGE/SUPPORT BUILDINGS	2120N 10609E	0616	[REDACTED]	238-E

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
REMAIN. [REDACTED] 25X1D				
KEP HA ARMY BARRACKS SOUTH [REDACTED] 25X1D	2121N 10636E	0616	25X1A	397-C
KEP HA ARMY BARRACKS NORTHEAST 25X1D 1.2 NM EAST OF KEP HA AT UTM [REDACTED] AREA CONSISTS OF 36 BARRACKS, 2 ADMINISTRATION, 11 STORAGE, 7 MESSHALL, AND 20 SUPPORT BUILDINGS. A PROBABLE BLIMP HANGAR IS LOCATED IN AN OPEN TRAINING AREA ADJACENT TO AND EAST OF THE BARRACKS. AREA HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES WITH LIGHT-TO-MODERATE DAMAGE INFLICTED TO APPROXIMATELY 10 PERCENT OF THE STRUCTURES. OBLIQUITY PRECLUDES DETAILED INTERPRETATION OF ACTIVITY STATUS. [REDACTED] 25X1D	2123N 10637E	0616	[REDACTED]	397-A
LOC BINH ARMY SUPPLY DEPOT 1.3 NM SSE OF LOC BINH. 25X1D STORAGE AREA CONTAINS 2 ADMINISTRATION-TYPE (1 APPARENTLY BEING DISMANTLED) AND 20 STORAGE/SUPPORT-TYPE BUILDINGS. [REDACTED] 25X1A	2145N 10656E	0616	25X1A	399
LANG SON ARMY BARRACKS 25X1D TWO MILITARY AREAS IN LANG SON VICINITY. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] EXCEPT 10 BUILDINGS IN AREA A (UTM [REDACTED]) ARE DAMAGED. [REDACTED] 25X1D	2150N 10645E	0616	[REDACTED]	119-C
BAN PHAN MILITARY AREA 25X1D NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] OB -- 40 VEHICLES AND 4 AAA PIECES. [REDACTED] 25X1D	2155N 10634E	0616		537

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
LANG VAT MILITARY AREAS NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] 25X1D OB -- 24 VEHICLES. [REDACTED] 25X1D	2155N 10640E	0616		357-C
MA MED MILITARY AREAS NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- APPROXIMATELY 390 VEHICLES AND 5 PROBABLE CONVEYORS. [REDACTED] 25X1D	2158N 10641E	0616		357-D
LAO CAI ARMY BARRACKS [REDACTED] 25X1D	2229N 10358E	0616	25X1A	5-E
LANG NHON BARRACKS AND STORAGE AREAS THREE AREAS IN VICINITY OF LANG NHON. AREA A (AT [REDACTED]) -- BARRACKS AREA CONTAINS 17 BARRACKS, 2 ADMINISTRATION, 2 MESSHALL, 13 STORAGE, AND 5 SUPPORT BUILDINGS. 25X1D AREA B (AT [REDACTED]) -- RAIL-SERVED STORAGE AREA CONTAINS 1 ADMINISTRATION, 11 STORAGE, AND 8 SUPPORT BUILDINGS. SIX SUPPORT BUILDINGS ARE ALONG THE ROAD CONNECTING THE 2 AREAS. [REDACTED] 25X1D	2225N 10401E	0616		328-1
HA GIANG MILITARY AREA [REDACTED] 25X1D	2249N 10459E	0616		417
BAO LAC POSSIBLE MILITARY AREA IN BAO LAC VICINITY. AREA CONTAINS 8 BARRACKS-TYPE, 2 L-SHAPED MAINTENANCE/STORAGE-TYPE, 2 PROBABLE ADMINISTRATION, AND AT LEAST 10 SUPPORT-TYPE BUILDINGS. TRENCHING IS OBSERVED IN AREA. [REDACTED] 25X1D	2256N 10541E	0616		419-A

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Target	Coordinates	WAC	NPIC-R-194/67	
			BE	NPIC
-- ELECTRONICS/COMMUNICATIONS -- TIEN YEN PROBABLE COMMUNICATIONS FACILITY 25X1D 8.5 NM SOUTH OF TIEN YEN ON THE SOUTH BANK OF THE SONG TIEN YEN (RIVER) AT UTM [REDACTED] 25X1D FACILITY CONTAINS 1 MAST AND 1 PROBABLE CONTROL BUILDING.	2119N 10724E	0615	25X1A	104-A
HA NOI HF COMMUNICATIONS FAC PHU CDC 25X1D 10.3 NM SSE OF HA NOI AT UTM [REDACTED] FACILITY CONSISTS OF A SECURED ADMINISTRATION/CONTROL AREA SURROUNDED BY AN ANTENNA FIELD WITH 6 FISHBONE ANTENNAS, 6 HORIZONTAL DIPOLE ANTENNAS ARRANGED IN 3 DAY-NIGHT PAIRS, AND 8 VEE ANTENNAS. THE ADMINISTRATION/CONTROL AREA CONTAINS 1 MULTIWING 25X1D ADMINISTRATION AND 2 LARGE AND 4 SMALL BUILDINGS. A SECURED SUPPORT AREA CONTAINS 4 BARRACKS, 1 AUDITORIUM, 1 MESSHALL, 8 SUPPORT, AND 5 SMALL BUILDINGS.	2051N 10553E	0616		265-A
CHUC SON AIR WARNING RADAR FACILITY 25X1D 4.4 NM SW OF HA DONG. FACILITY IS UNOCCUPIED.	2056N 10542E	0616		256-M
HA DONG RADAR FACILITY 25X1D 1.5 NM SE OF HA DONG AT UTM [REDACTED] 25X1D SITE IS OCCUPIED BY 1 PROBABLE FLAT FACE RADAR WITH GENERATOR VAN.	2056N 10547E	0616		256-J
NUI VIEN NAM AIR WARNING RADAR FACILITY 25X1D SITE IS SITUATED ON A MOUNTAIN PEAK AND IS SERVED ONLY BY A HELICOPTER PAD. FACILITY CONSISTS OF A TOKEN-TYPE RADAR WITH AT LEAST 3 REVETTED VEHICLES.	2057N 10526E	0616		428-L

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI RADIO STATION DAI HO [REDACTED] 25X1D	2058N 10546E	0616	[REDACTED]	256-A
HA DONG HF COMMUNICATIONS FACILITY [REDACTED] 25X1D	2058N 10547E	0616	[REDACTED]	256-H
THUONG CHE AIR WARNING RADAR FACILITY 25X1D IMMEDIATELY SW OF THUONG CHE AT UTM [REDACTED] FACILITY CONSISTS OF A BAR LOCK-TYPE RADAR ON A MOUND WITH 3 REVETTED PROBABLE VAN TRAILERS AND 1 REVETTED UNIDENTIFIED VEHICLE AT [REDACTED] AND A PROBABLE SIDE NET RADAR ON A MOUND WITH 2 REVETTED VAN TRAILERS AT [REDACTED] 25X1D OB -- 1 BAR LOCK-TYPE RADAR, 1 SIDE NET RADAR, 2 VAN TRAILERS, 3 PROBABLE VAN TRAILERS, AND 1 UNIDENTIFIED VEHICLE. [REDACTED] 25X1D	2058N 10558E	0616	[REDACTED]	499-C
HA DONG AIR WARNING RADAR FACILITY 25X1D 2.6 NM NW OF HA DONG AT UTM [REDACTED] FACILITY CONSISTS OF 2 RADARS, A BAR LOCK-TYPE ON A MOUND WITH 2 REVETTED VAN TRAILERS, A REVETTED ANTENNA TRANSPORT TRAILER, AND A REVETTED PROBABLE VAN TRUCK AND A SIDE NET ON A MOUND WITH 2 ADJACENT REVETTED VAN TRAILERS AND A NEARBY REVETTED VAN TRUCK. OB -- 1 BAR LOCK-TYPE RADAR, 1 SIDE NET RADAR, 4 VAN TRAILERS, 1 VAN TRUCK, AND 1 PROBABLE VAN TRUCK. [REDACTED] 25X1D	2059N 10543E	0616	[REDACTED]	256-I
HA NOI HF COMMUNICATIONS FACILITY NW [REDACTED] 25X1D	2059N 10547E	0616	[REDACTED]	112-J

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NPIC-R-194/67

25X1D	Target	Coordinates	WAC	Target Numbers	
				RE	NPIC
	HANOI/BAC MAI AIRFIELD MICROWAVE FACILITY [REDACTED]	2859N 10549E	8616		112-E3
25X1D	HANOI/BAC MAI AIRFIELD AIR WARNING RADAR [REDACTED]	2859N 10550E	8616	25X1A	112-E1
25X1D	THUAN TON AIR WARNING RADAR FACILITY 25X1D 1 NM EAST OF THUAN TON AT UTM [REDACTED] SITE CONSISTS OF 1 REVETTED PROBABLE VAN-MOUNTED FLAT FACE RADAR, 1 REVETTED UNIDENTIFIED VEHICLE, AND 2 SUPPORT BUILDINGS. [REDACTED]	2859N 10556E	8616		112-V
25X1D	XOM NGOAI AIR WARNING RADAR FACILITY IMMEDIATELY SW OF XOM NGOAI. FACILITY IS UNOCCUPIED. [REDACTED]	2836N 10602E	8616		392-D
25X1D	HAI PHONG AIR WARNING RADAR FACILITY 25X1D 6.4 NM SOUTH OF HAI PHONG AT UTM [REDACTED] FACILITY CONSISTS OF A PROBABLE BAR LOCK RADAR ON A MOUND WITH AT LEAST 2 ADJACENT REVETTED VAN TRAILERS AND A VAN TRUCK, A POSSIBLE HEIGHTFINDER RADAR ON A MOUND WITH 2 ADJACENT REVETTED VAN TRAILERS AND A VAN TRUCK, AND A REVETTED POSSIBLE FLAT FACE RADAR. OB -- 1 PROBABLE BAR LOCK RADAR, 1 HEIGHTFINDER RADAR, 1 POSSIBLE FLAT FACE RADAR, AT LEAST 4 VAN TRAILERS, AND 2 VAN TRUCKS. [REDACTED]	2845N 10641E	8616		371-G
	HAI PHONG AIR WARNING RADAR FACILITY 25X1D 1.9 NM EAST OF THE CENTER OF HAI PHONG AT UTM [REDACTED] SITE CONSISTS OF 2 UNOCCUPIED VEHICLE REVETMENTS. [REDACTED]	2851N 10643E	8616		109-R
25X1D	[REDACTED]				

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25X1A

NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HAI PHONG HF COMMUNICATIONS FACILITY 1 NM NE OF HAI PHONG AT UTM [REDACTED] 25X1D FACILITY CONTAINS 3 STICKMAST ANTENNAS AND A CONTROL BUILDING. [REDACTED] 25X1D	2852N 18642E	8616	[REDACTED]	189-DI
HA NOI HF COMMUNICATIONS FAC SON DONG [REDACTED] 25X1D	2182N 18541E	8616	[REDACTED]	462-F
HA NOI RADIO COMMUNICATIONS STATION NORTHWEST [REDACTED] 25X1D	2183N 18548E	8616	[REDACTED]	112-N
SON TAY/CHIEU TONG AW RADAR FACILITY 4 NM SSE OF SON TAY AND 3.7 NM NE OF HOA LAC AIRFIELD. FACILITY IS UNOCCUPIED. 25X1D [REDACTED]	2184N 18532E	8616	[REDACTED]	244-B
DUC NOI AIR WARNING RADAR FACILITY 25X1D 1.2 NM SSW OF DUC NOI AT UTM [REDACTED] SITE CONSISTS OF 2 UNOCCUPIED REVETMENTS. [REDACTED] 25X1D	2188N 18553E	8616	[REDACTED]	221-K1
HA NOI/TANG MY AIR WARNING RADAR FAC 25X1D 9.7 NM NNW OF HA NOI AT UTM [REDACTED] FACILITY CONSISTS OF 1 BAR LOCK-TYPE RADAR ON A MOUND AND A PROBABLE SIDE NET RADAR ON A MOUND WITH AT LEAST 1 REVETTED VAN TRAILER ADJACENT. ADDITIONAL VEHICLES ARE PROBABLY CONCEALED BY TREES ON THE EDGE OF TANG MY. OB -- 1 BAR LOCK-TYPE RADAR, 1 PROBABLE SIDE NET RADAR, AND 1 VAN TRAILER. [REDACTED] 25X1D	2118N 18547E	8616	[REDACTED]	411-B
THUY HA AIR WARNING RADAR FACILITY IMMEDIATELY WEST OF THUY HA AND 2.2 NM SOUTH OF THE PHUC YEN AIRFIELD. FACILITY IS UNOCCUPIED. 25X1D [REDACTED]	2111N 18548E	8616	[REDACTED]	221-M

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25X1A
NPIC-R-194/67

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	DONG LAI/PHUC YEN AW RADAR FACILITY 0.9 NM SOUTH OF PHUC YEN AIRFIELD AT UTM [REDACTED] SITE CONSISTS OF 2 ELEVATED RADAR PADS AND 7 LARGE VEHICLE REVETMENTS. NO EQUIPMENT OBSERVED. [REDACTED]	2112N 10548E	0616	[REDACTED]	326-F
25X1D	NOI BAI RADIO BROADCAST STATION [REDACTED]	2112N 10548E	0616	[REDACTED]	326-G
25X1D	PHUC YEN ILS COMPONENT [REDACTED]	2114N 10544E	0616	[REDACTED]	326-H
25X1D	PHUC YEN/DUC HAU AW RADAR FACILITY 25X1D 4.3 NM ENE OF PHUC YEN AIRFIELD AT UTM [REDACTED] FACILITY CONSISTS OF 4 AREAS. AREA A (AT UTM [REDACTED]) -- 1 RADAR MOUND, 4 ADJACENT REJETMENTS (2 OCCUPIED BY PROBABLE VAN TRUCKS), 1 REJETTED BUILDING, AND 3 OTHER BUILDINGS. AN UNOCCUPIED VEHICLE REJETMENT IS IMMEDIATELY EAST OF AREA A. AREA B (AT [REDACTED]) -- 1 RADAR MOUND AND 2 ADJACENT VEHICLE REJETMENTS (1 OCCUPIED BY A PROBABLE VAN TRUCK). AREA C (AT [REDACTED]) -- 2 UNOCCUPIED VEHICLE REJETMENTS. AREA D (AT [REDACTED]) -- 2 VEHICLE REJETMENTS, EACH OCCUPIED BY A PROBABLE VAN TRUCK. OB -- 5 PROBABLE VAN TRUCKS. NO RADAR OBSERVED. [REDACTED]	2114N 10553E	0616	[REDACTED]	326-L
	DONG NGOAI AW/GCI FACILITY AT DONG NGOAI, 12.1 NM SSW OF BAC NINH. NEWLY IDENTIFIED AW/GCI RADAR SITE UNDER CONSTRUCTION CONSISTS OF 4 RADAR POSITIONS. POSITION A (AT UTM [REDACTED]) -- A RADAR MOUND, 3	2100N 10608E	0616		539

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NPIC-R-194/67

25X1D Target	Coordinates	WAC	Target Numbers	
			RE	NPIC
VEHICLE REVETMENTS, 1 PROBABLE CANVAS-COVERED CARGO TRUCK, AND 1 SMALL UNIDENTIFIED VEHICLE. POSITION B (AT [REDACTED]) -- A RADAR MOUND, 2 VEHICLE REVETMENTS, AND 1 OTHER REVETMENT. POSITION C (AT [REDACTED]) -- 1 VEHICLE REVETMENT AND 1 SMALLER REVETMENT, PROBABLY FOR GENERATOR. POSITION D (AT [REDACTED]) -- 1 VEHICLE REVETMENT AND 1 SMALLER REVETMENT, PROBABLY FOR GENERATOR. OB -- NONE OBSERVED. ACTIVITY -- 1 PROBABLE CARGO TRUCK AND 1 SMALL UNIDENTIFIED VEHICLE. [REDACTED] 25X1D	25X1D 25X1D			
QUANG MO AIR WARNING RADAR FACILITY IMMEDIATELY SOUTH OF QUANG MO AND 3.9 NM NE OF BAC GIANG. FACILITY IS APPARENTLY UNOCCUPIED. 25X1D [REDACTED]	2119N 10614E	0616	25X1A	238-M
NGAN SON AIR WARNING RADAR FACILITY 25X1D IMMEDIATELY SOUTH OF NGAN SON AT UTM [REDACTED] FACILITY CONSISTS OF A PROBABLE BIG BAR RADAR WITH 2 REVETTED VAN TRAILERS, 1 REVETTED PROBABLE VAN TRUCK, AND A REVETTED PROBABLE ANTENNA TRANSPORT TRAILER. A POSSIBLE SIDE NET RADAR AND 2 REVETTED VAN TRAILERS ARE NEARBY. OB -- 1 BIG BAR RADAR, 1 POSSIBLE SIDE NET RADAR, 4 VAN TRAILERS, 1 PROBABLE VAN TRUCK, AND A PROBABLE ANTENNA TRANSPORT TRAILER. [REDACTED] 25X1D	2225N 10557E	0616		534
-- INDUSTRY -- HA NOI RUBBER PRODUCTS PLANT 25X1D SW EDGE OF HA NOI AT UTM [REDACTED] AREA HAS SUSTAINED MODERATE DAMAGE FROM AIR STRIKES. FOUR BUILDINGS ARE DESTROYED AND 3 BUILDINGS HAVE SUSTAINED LIGHT-TO-MODERATE DAMAGE. FIVE CHEMICAL TANKS APPEAR TO BE UNDAMAGED. NUMEROUS BOMB CRATERS	2058N 10548E	0616		112-X

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ARE OBSERVED THROUGHOUT THE AREA. ██████████ 25X1D			25X1A	
25X1D HAI PHONG POL TANK AND DRUM FABRICATION 0.5 NM SSE OF HAI PHONG RR CLASSIFICATION YARD AT UTM ██████████	2050N 10640E	0616		109-C1
25X1D FACILITY CONSISTS OF 3 FABRICATION BUILDINGS AND 34 POL TANKS. ██████████				
25X1D HAI PHONG CEMENT PLANT 1.3 NM NW OF HAI PHONG RAILROAD CLASSIFICATION YARD AT UTM ██████████	2051N 10640E	0616		109-P1
25X1D NO APPARENT CHANGE IN FACILITIES SINCE ██████████	25X1D			
25X1D ██████████ NO ATTEMPT TO REPAIR FACILITY IS OBSERVED. ██████████				
VANG DANH ORE PROCESSING NEW 25X1D 0.3 NM WEST OF VANG DANH AT UTM ██████████	2107N 10647E	0616		308-A
25X1D LARGE ROAD- AND RAIL-SERVED AREA CONSISTS OF EXTENSIVE OPEN-PIT MINING, AN ORE CONCENTRATION PLANT, AND A LARGE WORKERS HOUSING AREA. ██████████				
BAC GIANG CHEMICAL FERTILIZER PLANT 25X1D ██████████	2118N 10612E	0616		238-C
TINH TUC TIN SMELTER AND REFINERY ██████████	2239N 10552E	0616		293
25X1D				

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-- BASIC SERVICES -- 25X1D HA DONG SWITCHING STATION/TRANSFORMER YARD 1.3 NM SW OF HA DONG AT UTM [REDACTED] FENCE-SECURED INSTALLATION CONTAINS 1 CONTROL/SWITCHING HOUSE, 4 SUPPORT BUILDINGS, 2 SWITCHING YARDS, 3 POL TANKS, AND 1 TRANSFORMER. ACTIVITY -- 2 TRUCKS. [REDACTED] 25X1D	2057N 10545E	0616		256-L
[REDACTED] 25X1D HAI PHONG THERMAL POWERPLANT WEST 25X1D ON NW EDGE OF HAI PHONG AT UTM [REDACTED] NO APPARENT CHANGE SINCE [REDACTED] NO ATTEMPT TO REPAIR FACILITY OBSERVED. [REDACTED] 25X1D	2051N 10640E	0616	25X1A	109-P
[REDACTED] 25X1D HAI PHONG RR STATION CLASS YD & SHOPS 25X1D [REDACTED] IN CENTER OF HAI PHONG AT UTM [REDACTED] RAIL YARD IS 9 TRACKS WIDE AND CONTAINS A PASSENGER TERMINAL, A CLASSIFICATION YARD, A CAR SERVICE HOUSE, RAIL-SERVED UNLOADING AND STORAGE BUILDING, A TURNING WYE, NUMEROUS STORAGE BUILDINGS, AND A LARGE LOCOMOTIVE AND CAR REPAIR SHOP WITH 5 SUPPORT BUILDINGS. ACTIVITY -- 2 LOCOMOTIVES AND 20 PIECES OF ROLLING STOCK. (SEE ATTACHMENT 1) [REDACTED] 25X1D	2051N 10641E	0616		109-L
HAI PHONG THERMAL POWERPLANT EAST 25X1D [REDACTED] 25X1D	2052N 10642E	0616		109-O
PHAM XA RR CLASSIFICATION YARD 25X1D 0.2 NM NW OF PHAM XA AT UTM [REDACTED] RAIL YARD HAS BEEN SUBJECTED TO AIR STRIKES. ALL TRACKS HAVE BEEN INTERDICTED. ONE TRACK IS REPAIRED. THE PASSENGER TERMINAL AND SUPPORT BUILDINGS ARE DESTROYED. [REDACTED] 25X1D	2058N 10627E	0616		427-B



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NPIC-R-194/67

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	HA NOI/LAO CAI RR SEGMENT 3 SEGMENT IS OBSERVED FROM 21-40N 104-56E TO 21-28N 105-06E THROUGH SCATTERED CLOUDS AND CLOUD SHADOW. RAIL LINE HAS BEEN SUBJECTED TO AIR STRIKES AT SEVERAL POINTS, HOWEVER, OBLIQUITY PRECLUDES DETERMINATION OF SERVICEABILITY. ACTIVITY -- 5 PIECES OF ROLLING STOCK AT 21-29- 105-05- 25X1D	2140N 10456E	0616		350-A
25X1D	HA NOI RR CAR REPAIR SHOPS GIA LAM 2.8 NM NE OF HA NOI. NO APPARENT CHANGE IN FACILITIES SINCE YARD HAS 5 SERVICEABLE TRACKS. ACTIVITY -- 6 LOCOMOTIVES AND 95 PIECES OF ROLLING STOCK. 25X1D	2103N 10553E	0616	25X1A	114-C
25X1D	YEN VIEN RR CLASSIFICATION YARD 0.4 NM EAST OF YEN VIEN AND 5 NM NE OF HA NOI, AT UTM AND AT JUNCTION OF 2 RAIL LINES CONNECTING HA NOI WITH NORTHERN NORTH VIETNAM AND SOUTH CHINA. ENTIRE FACILITY HAS SUSTAINED HEAVY DAMAGE FROM AIR STRIKES. ALL 12 TRACKS APPEAR TO HAVE BEEN INTERDICTED. ACTIVITY -- APPROXIMATELY 35 SERVICEABLE AND 20 DAMAGED/DESTROYED PIECES OF ROLLING STOCK. (SEE ATTACHMENT 2) 25X1D	2105N 10555E	0616		407-A
25X1D	YEN VIEN RAIL YARD UNDER CONSTRUCTION 3.7 NM NW OF YEN VIEN AT UTM CONSTRUCTION ON 7-TRACK YARD IS NOW COMPLETE. ACTIVITY -- 1 LOCOMOTIVE AND 25 PIECES OF ROLLING STOCK. 25X1D	2107N 10552E	0616		221-N

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25X1A

NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BT	NPIC
HA NOI TRANSFORMER STATION DONG ANH [REDACTED] 25X1D	2108N 10550E	0616	[REDACTED]	221-T
NGUYEN KHE STORAGE AREA TOWN [REDACTED] 25X1D	2109N 10551E	0616	[REDACTED]	221-D
HA NOI/LAO CAI RR SEGMENT 5 ENTIRE SEGMENT OBSERVED FROM 21-18N 105-36E TO 21-01N 105-51E. MAIN RAILROAD BRIDGE AND RAIL BY-PASS BRIDGE IN THE VICINITY OF 21-15N 105-41E ARE UNSERVICEABLE. PORTIONS OF RAIL SEGMENT ARE ALSO UNSERVICEABLE DUE TO BOMB DAMAGE. ACTIVITY -- 1 LOCOMOTIVE AND 99 PIECES OF ROLLING STOCK. [REDACTED] 25X1D	2110N 10548E	0616	[REDACTED]	113-G
VIET TRI RAILROAD YARD IN VIET TRI AT UTM [REDACTED] 25X1D YARD IS UNSERVICEABLE WITH 6 TRACKS APPARENTLY INTERDICTED. ALL BUILDINGS HAVE BEEN DESTROYED. BOTH ENTRANCES OF TURNING WYE HAVE BEEN INTERDICTED. SIX RAIL FERRY SLIPS AND A VEHICLE CABLE BRIDGE (UNDER CONSTRUCTION) ARE IMMEDIATELY EAST. ACTIVITY -- AT LEAST 15 SERVICEABLE AND 5 DESTROYED/DAMAGED PIECES OF ROLLING STOCK THROUGHOUT THE YARD. (SEE ATTACHMENT 3) [REDACTED] 25X1D	2118N 10526E	0616	[REDACTED]	262-G
HA NOI/LAO CAI RR SEGMENT 4 SEGMENT OBSERVED FROM 21-28N 105-06E TO 21-18N 105-26E. THIS PORTION IS INTERDICTED AND APPEARS TO BE UNSERVICEABLE DUE TO REPEATED AIR STRIKES. ACTIVITY -- 9 PIECES OF ROLLING STOCK IN SMALL RAIL YARD AT 21-23N 105-13E, 29 PIECES OF ROLLING STOCK AT SMALL RAIL YARD AT 21-21N 105-18E, SEVERAL PIECES OF ROLLING STOCK ARE DERAILED, AND 15 [REDACTED] 25X1D	2128N 10520E	0616	[REDACTED]	113-F

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NPIC-R-194/67

	Target	Coordinates	VAC	Target Numbers	
				BE	NPIC
25X1D	PIECES OF ROLLING STOCK ARE OBSERVED AT VIET TRI RAILROAD YARD. [REDACTED]			25X1A	
	UONG BI THERMAL POWERPLANT 25X1D NE EDGE OF UONG BI AT UTM [REDACTED] FACILITY HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES. THE BOILERHOUSE, GENERATOR HALL, AND SWITCHING YARD HAVE SUSTAINED HEAVY STRUCTURAL DAMAGE, THE COAL PROCESSING BUILDING CONVEYOR SYSTEM, PUMPING STATION, AND POL STORAGE AREA HAVE SUSTAINED LIGHT-TO-MODERATE DAMAGE, AND THE UNDERGROUND FLU AND ADMINISTRATION BUILDING HAVE SUSTAINED LIGHT DAMAGE. THE POWERPLANT IS PRESENTLY INOPERATIVE. [REDACTED]	2102N 10647E	0616	[REDACTED]	408
25X1D	[REDACTED] 25X1A				
25X1D	HA NOI/PING-HSIANG RR SEGMENT 3 25X1D [REDACTED] SEGMENT OBSERVED BETWEEN HA NOI (21-01-[REDACTED]N 105-51-[REDACTED]E) AND 21-18-[REDACTED]N 106-14-[REDACTED]E. ACTIVITY -- AT LEAST 225 PIECES OF ROLLING STOCK AND 6 POSSIBLE LOCOMOTIVES. (THIS INCLUDES THE ROLLING STOCK OBSERVED AT THE YEN VIEN RR YARDS.)	2110N 10604E	0616		297-A
25X1D	[REDACTED] 25X1A				
25X1D	HA NOI/PING-HSIANG RR SEGMENT 2 25X1D NORTHERN PORTION OF SEGMENT OBSERVED FROM 21-41-[REDACTED]N 25X1D 106-40-[REDACTED]E TO 21-35-[REDACTED]N 106-32-[REDACTED]E. 25X1D RAIL YARD AT UTM [REDACTED] HAS BEEN HEAVILY DAMAGED BY AIR STRIKE. YARD IS ONLY PARTIALLY SERVICEABLE. ONE THROUGH-TRACK IS SERVICEABLE. ACTIVITY -- 3 POSSIBLE LOCOMOTIVES AND 38 SERVICEABLE AND 7 DAMAGED RAIL CARS IN YARD, 16 RAIL CARS ON MINING SPUR AT [REDACTED] 18 RAIL CARS ON MINING SIDING AT [REDACTED] AND 19 RAIL CARS ON MINING SPUR AT [REDACTED]	2132N 10627E	0616		211-A
25X1D	LANG CANG RAIL YARD AND MAINTENANCE FACILITY HAS SUSTAINED MODERATE-TO-HEAVY DAMAGE FROM AIR STRIKES. RAIL YARD APPEARS TO HAVE ALL 6 THROUGH LINES AND ENTRANCE TO MAINTENANCE FACILITY HEAVILY DAMAGED.				

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
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<p>MAINTENANCE FACILITY IS MODERATELY DAMAGED. NO RAIL CARS OBSERVED IN FACILITY. ACTIVITY -- 1 POSSIBLE LOCOMOTIVE AND 36 RAIL CARS DISCERNIBLE IN YARD. SERVICEABILITY OF ROLLING STOCK UNDETERMINED. TRAIN CONSISTING OF LOCOMOTIVE AND 14 RAIL CARS PARKED ON MAIN LINE AT SOUTH ENTRANCE TO YARD. RAIL YARD AT [REDACTED] APPEARS HEAVILY DAMAGED BY AIR STRIKE. OBLIQUITY AND QUALITY PRECLUDE FURTHER INTERPRETATION OF THIS SEGMENT. [REDACTED] 25X1D</p>	25X1D		25X1A	
<p>LANG GIAT RAILROAD YARD 9.7 NM SSW OF LANG SON AT UTM [REDACTED] YARD HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES AND ALL FACILITIES ARE DESTROYED. ALL TRACKS HAD BEEN INTERDICTED, HOWEVER, 1 TRACK APPEARS SERVICEABLE TO THROUGH TRAFFIC. ACTIVITY -- AT LEAST 40 PIECES OF SERVICEABLE ROLLING STOCK AND 12 PIECES OF DAMAGED/DESTROYED ROLLING STOCK. [REDACTED]</p>	25X1D 25X1A 2141N 10639E	0616	[REDACTED]	223
<p>HA NOI/PING-HSIANG RR SEGMENT 1 ENTIRE SEGMENT IS COVERED FROM 21-58-[REDACTED] N 106-43-[REDACTED] E TO 21-41-[REDACTED] N 106-40-[REDACTED] E. CENTER SPANS OF THE LANG SON RAILROAD BRIDGE HAVE BEEN DROPPED BY AIR STRIKES. BRIDGE IS IMPASSABLE. HEAVY DUTY CRANE IS APPARENTLY USED TO MOVE BRIDGE SPAN IN PLACE ON RAILROAD BRIDGE AT UTM [REDACTED] SPAN IS LOCATED ON SOUTH BANK OF RIVER AT BRIDGE APPROACH. RAIL YARD AT [REDACTED] HAS SUSTAINED MODERATE BOMB DAMAGE, BUT 2 OF 3 TRACKS APPEAR SERVICEABLE. YARD AT [REDACTED] IS SERVICEABLE. ACTIVITY -- AT LEAST 13 LOCOMOTIVES AND 36 PIECES OF ROLLING STOCK VISIBLE THROUGH SCATTERED CLOUDS AT DONG DANG RAILROAD YARDS, 1 LOCOMOTIVE AND 1 RAIL CAR SOUTHBOUND ON THE MAIN LINE AT [REDACTED] 15 RAIL CARS IN THE YARD AT [REDACTED] 1 LOCOMOTIVE AND 12 RAIL CARS</p>	25X1D 25X1A 2145N 10644E	0616		223-A

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			SE	NPIC
25X1D IN LANG SON NORTH RAIL YARD (AT [REDACTED], 4 SERVICEABLE AND 3 DESTROYED RAIL CARS IN YARD AT [REDACTED])				
25X1D [REDACTED] 17 RAIL CARS IN YARD AT [REDACTED] 1 DAMAGED LOCOMOTIVE AND 4 DAMAGED AND 28 UNDAMAGED RAIL CARS IN LANG SON YARDS AT [REDACTED] 1 HEAVY DUTY CRANE, 7 LOCOMOTIVES, AND APPROXIMATELY 59 RAIL CARS ON RAIL LINE AND IN GRAVEL PIT YARDS AT [REDACTED] 11				
25X1D SERVICEABLE, 2 DESTROYED, AND 2 DAMAGED RAIL CARS IN YARD AT [REDACTED] AND 24 RAIL CARS ON PASSING SIDING AT [REDACTED]				
25X1D [REDACTED]				
DONG DANG RAILROAD YARD 25X1D 0.5 NM SOUTH OF DONG DANG AT UTM [REDACTED] APPROXIMATELY 95 PERCENT OF THE 6-TRACK CLASSIFICATION YARD IS OBSERVED. A ROAD-SERVED SMALL FREIGHT YARD/TRANSSHIPMENT AREA, ADJACENT TO AND SOUTH OF THE MAIN YARD, CONSISTS OF 3 DEAD-END SPURS AND 3 SUPPORT BUILDINGS. A TURNING WYE (PROBABLE STANDARD-GAUGE), A TURNING CIRCLE (PROBABLE METER-GAUGE) APPROXIMATELY 450 FT IN DIAMETER, AND 1 SUPPORT BUILDING ARE LOCATED NORTH OF THE MAIN YARD. THREE DEAD-END HOLDING SPURS ARE WITHIN THE TURNING CIRCLE. A COAL REFUELING AREA, CONSISTING OF OPEN COAL STORAGE AND A SUPPORT BUILDING WITH CONVEYOR, IS BETWEEN THE TURNING WYE AND TURNING CIRCLE. BUILDINGS ADJACENT TO THE MAIN YARD INCLUDE A PASSENGER STATION AND 1 ADMINISTRATION AND 2 SUPPORT BUILDINGS. ACTIVITY -- 15 LOCOMOTIVES, 1 TANK CAR, AND 79 OPEN PIECES OF ROLLING STOCK OBSERVED IN THE CLOUD-FREE AREAS.	2156N 10641E	0616	25X1A [REDACTED]	357
25X1D [REDACTED]				
LAO CAI RAILROAD CLASSIFICATION YARD 25X1D IN LAO CAI AT UTM [REDACTED] RAILROAD CLASSIFICATION YARD, 1,800 FT LONG BY 8 TRACKS WIDE, IS SERVICEABLE. ACTIVITY -- APPROXIMATELY 34 PIECES OF ROLLING STOCK.	2229N 10359E	0616	[REDACTED]	5-L
25X1D [REDACTED]				

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NPIC-R-194/67

25X1D 25X1D 25X1D	Target	25X1D	25X1A	Coordinates	WAC	Target Numbers	
						BE	NPIC
<p>HA NOI/LAO CAI RR SEGMENT 1 SEGMENT IS COVERED ON CLEAR, FAIR QUALITY PHOTOGRAPHY FROM 22-38-N 103-58-E TO 22-15-N 104-16-E AND APPEARS SERVICEABLE. ACTIVITY -- 40 PIECES OF ROLLING STOCK AT LAO CAI RAIL YARD (UTM [REDACTED]), 22 PIECES OF ROLLING STOCK AT LANG YANG RAIL YARD [REDACTED], AND 16 PIECES OF ROLLING STOCK ON RAIL SIDING [REDACTED]. ADDITIONAL ROLLING STOCK IS PROBABLY CAMOUFLAGED. [REDACTED] 25X1D</p> <p>LANG NHON RAILROAD YARD ON EAST EDGE OF LANG NHON, ON A RAIL LINE CONNECTING THE LANG NHON APATITE MINING AND CONCENTRATION PLANT TO THE LAD CAI/HA NOI RAIL LINE, AND ADJACENT TO LANG NHON BARRACKS AND STORAGE AREA. FACILITIES CONSIST OF A 6-TRACK CLASSIFICATION YARD AND A LARGE TURNING WYE WITH A 3-TRACK HOLDING YARD ALONG THE BASE LEG. ACTIVITY -- 1 POSSIBLE LOCOMOTIVE ON TURNING WYE AND 7 PIECES OF ROLLING STOCK. [REDACTED] 25X1D</p> <p>-- NAVAL/PORT FACILITIES --</p> <p>HON GAI NAVAL BASE & SHIP RPR YARD BAI CHAY 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D OB -- NONE OBSERVED. [REDACTED] 25X1D</p> <p>HON GAI PORT FACILITIES 25X1D HON GAI NAVAL BASE AND SHIP REPAIR YARD BAI CHAY (BE NO [REDACTED] IS 1 NM NW. FACILITIES INCLUDE A LARGE COAL PORT AND SMALL COMMERCIAL PORT. COAL HANDLING FACILITIES COMPRISE 3 WHARVES CAPABLE OF HANDLING OCEAN-GOING VESSELS, 5 CRANES, AND EXTENSIVE OPEN COAL STORAGE. A NEW COAL-LOADING CONVEYOR PIER AND A JETTY HAVE BEEN</p>				2220N 10410E	0616		328-N
				2224N 10401E	0616	25X1A	328-H
				2057N 10704E	0615		109-B
				2057N 10705E	0615		109-A

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D CONSTRUCTED ON THE SOUTH SIDE OF THE COMPLEX AT UTM [REDACTED] COMMERCIAL PORT CONTAINS 1 LARGE T-HEAD PIER AND 7 WAREHOUSES. VESSELS -- 1 OCEAN-GOING FREIGHTER, 6 BARGES MOORED AT WHARF, AND NUMEROUS SMALL CRAFT AND BARGES IN AND AROUND PORT AREA. (SEE ATTACHMENT 4)				
25X1D [REDACTED] 25X1A CAM PHA PORT FACILITIES 3 NM EAST OF CAM PHA ON THE GULF OF TONKIN. FACILITY SERVES THE COAL MINING INDUSTRY IN THE AREA. IT IS COMPRISED OF A LARGE COALING QUAY WITH 4 OVERHEAD, TRAVELING BRIDGE (GANTRY) CRANES CAPABLE OF SERVICING OCEAN-GOING VESSELS, A LARGE COAL STORAGE AREA WITH 5 TRAVELING BRIDGE CRANES, AND A RAIL CLASSIFICATION YARD (4 TRACKS WIDE AND 5,500 FT LONG). ADDITIONAL FACILITIES INCLUDE A COAL TREATMENT FACILITY AND COAL CAR (SMALL HOPPER) REPAIR FACILITIES. THE AREA HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES, WHICH INFLICTED EXTENSIVE DAMAGE ON THE RAIL CLASSIFICATION YARD CHOKO POINT, THE COAL PREPARATION BUILDING, AND THE HOPPER CAR REPAIR FACILITY. A CAUSEWAY CARRYING THE RAIL LINE INTO THE FACILITIES HAS ALSO BEEN INTERDICTED. INSTALLATION IS STILL OPERATIONAL WITH COAL BEING LOADED AT THE COALING QUAY. VESSELS -- 1 GENERAL CARGO FREIGHTER. (SEE ATTACHMENT 5)	2102N 10722E	0615	25X1A	106
25X1D [REDACTED] 25X1A PORT WALLUT NAVAL BASE IN A COVE ON THE NW COAST OF ILE DE KE-BAD (ISLAND), 15 NM NE OF CAM PHA, AND 12 NM SE OF TIEN YEN AT UTM	2112N 10734E	0615		103-C
25X1D [REDACTED] BASE HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES. ALL BUILDINGS ARE DESTROYED OR HEAVILY DAMAGED. MARINE RAILWAY APPEARS TO BE SERVICEABLE, BUT DAMAGED. AREA APPEARS TO BE INACTIVE, HOWEVER, ANCHORAGE AND OFFLOADING IS STILL POSSIBLE AT WHARF.				

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25X1D Target	25X1D	Coordinates	NAC	NPIC-R-194/67 Target Numbers	
				BE	NPIC
OB -- 2 CAMOUFLAGED PROBABLE COMBATANTS (1 AT [REDACTED] AND 1 AT [REDACTED]) [REDACTED] 25X1D	[REDACTED]				
DO SON NAVAL BASE MIRADOR POINTE NO APPARENT CHANGE SINCE [REDACTED] OB -- NONE OBSERVED. [REDACTED] 25X1D	25X1D	2040N 10647E	0616	25X1A	106-D
KIEN AN SHIPYARD PHUONG CHU 8.6 NM EAST OF PHUONG CHU, 7 NM WSW OF HAI PHONG, ON THE LACH TRAY (RIVER) AT UTM [REDACTED] INSTALLATION CONTAINS 3 PROBABLE BUILDING WAYS AND 2 SUPPORT SHEDS IN THE YARD. VESSELS -- 3 BARGES UNDER CONSTRUCTION ON BUILDING WAYS, 4 BARGES (2 MOTORIZED), AND 3 PROBABLE FERRY BOATS UNDER CONSTRUCTION. [REDACTED] 25X1D	25X1D	2050N 10634E	0616		109-25
HAI PHONG CHANNEL ONE HUNDRED PERCENT OF CHANNEL OBSERVED. VESSELS -- 3 TANKERS, 2 CARGO FREIGHTERS WITH DECK CARGO IN QUARANTINE ANCHORAGE, AND HEAVY SAMPAN AND BARGE TRAFFIC IN AND AROUND PORT AREA. [REDACTED] 25X1D	[REDACTED]	2050N 10640E	0616		109-C
HAI PHONG NAVAL BASE [REDACTED] 25X1D	25X1D	2052N 10640E	0616		109-E
HAI PHONG SHIPYARD NO 4 DANCETTE ON NW EDGE OF HAI PHONG AT UTM [REDACTED] NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] 25X1D VESSELS -- 1 FLOATING DRYDOCK, 6 BARGES ON MARINE RAILWAYS, 1 BARGE IN GRAVING DOCK, AND 2 BARGES AND 1 SMALL CRAFT AT L-HEAD PIER. [REDACTED] 25X1D	25X1D	2052N 10640E	0616		109-O

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D 25X1A HAI PHONG PORT FACILITIES ON SOUTH BANK OF THE CUA CAM (RIVER) AT UTM [REDACTED] FACILITIES INCLUDE AN APPROXIMATELY 4,000-FT WHARF (SERVED BY 17 RAMPS), NUMEROUS SMALL DOCKS AND PIERS, A SHIP REPAIR YARD WITH 4 MARINE RAILWAYS, 12 LARGE WAREHOUSES, AND NUMEROUS STORAGE AND SUPPORT BUILDINGS. OB -- 1 S.O.1 SC (SUNK AT NAVAL BASE PIER), 3 SHANGHAI PTF, 4 P-6 PT, 5 P-4 PT (1 IN GRAVING DOCK), 3 PROBABLE SWATOW PGM, 1 PROBABLE PGM, 6 LCM (1 IN GRAVING DOCK), AND 13 SL-1. VESSELS -- 7 GENERAL CARGO FREIGHTERS AND 1 LARGE-HATCH FREIGHTER IN PORT AND 5 GENERAL CARGO FREIGHTERS, 1 LARGE-HATCH FREIGHTER, AND 2 TANKERS IN THE ROADS. (SEE ATTACHMENT 6) [REDACTED] 25X1D	2052N 10642E	0616	25X1A	109-D
25X1D HAI PHONG ICE PLANT WHARF ON NE EDGE OF HAI PHONG, ON SOUTH BANK OF THE CUA CAM (RIVER), AT EAST END OF HAI PHONG PORT FACILITY, AT UTM [REDACTED] 25X1D FACILITY CONSISTS OF A [REDACTED] OFFSHORE WHARF AND 12 BUILDINGS. OB -- 1 SHANGHAI PTF, 2 P-6 PT, AND 1 SL-1. VESSELS -- 1 POL BARGE, 1 MOTORIZED BARGE, 5 SMALL CRAFT, 1 GENERAL CARGO FREIGHTER, AND 1 UNIDENTIFIED 25X1D VESSEL MOORED AT WHARF. [REDACTED]	2052N 10642E	0616		109-D2
25X1D LAM DONG NAVAL DISPERSAL FACILITY AT LAM DONG, ON THE CUA CAM (RIVER), IN THE VICINITY OF UTM [REDACTED] FACILITIES INCLUDE APPROXIMATELY 10 SLIPS AND A POSSIBLE SUPPORT AREA ON THE NORTH BANK AND A POSSIBLY ASSOCIATED BARRACKS/STORAGE AREA WITH BOAT BASIN ON THE SOUTH BANK OF THE CUA CAM. OB -- 2 S.O.1 SC, 1 SWATOW, AND 7 RIVER CRAFT DISPERSED 25X1D IN THE VICINITY OF LAM DONG. [REDACTED]	2052N 10648E	0616		536

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NPIC-R-194/67

25X1D	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
	LOI DONG TRANSSHIPMENT POINT CUA CAN 8.6 NM WSW OF LOI DONG AND 4 NM NW OF HAI PHONG, AT UTM TRANSSHIPMENT POINT HAS BEEN SUBJECTED TO AIR STRIKES AND FACILITY IS EXTENSIVELY CRATERED. FOUR-TRACK RAIL YARD IS UNSERVICEABLE DUE TO CRATERING, CONVEYOR SYSTEM IS DESTROYED, AND 2 OF THE 6 BREASTING PLATFORMS ARE DAMAGED. NO ACTIVITY IS APPARENT. 25X1D	2053N 10637E	0616		225-C
	NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BACH 8.5 NM NNE OF HAI PHONG, AT UTM CLOUD COVER PRECLUDES COMPLETE INTERPRETATION OF FACILITY. THE CAUSEWAY AND WHARF APPEAR SERVICEABLE. VESSELS -- NONE OBSERVED. 25X1D	2059N 10643E	0616		249-D
	GIA THUONG BARGE CONSTRUCTION ON SOUTH BANK OF SONG DUONG (RIVER), ON NW EDGE OF GIA THUONG, AT UTM FACILITIES CONSISTS OF 3 SMALL PROBABLE SHOP BUILDINGS AND AN OPEN STORAGE YARD CONTAINING CONSTRUCTION MATERIAL. VESSELS -- 6 BARGES BEING FITTED OUT AS RAIL FERRIES. 25X1D	2103N 10552E	0616		114-C1
	THUONG THUY SHIPYARD NO APPARENT CHANGE IN FACILITIES SINCE VESSELS -- 6 COMPLETED BARGES. 25X1D	2105N 10545E	0616		112-Q3
	PHAP CO SHIPYARD 8.4 NM NE OF PHAP CO AND 10.7 NM NW OF HAI PHONG, ON THE SOUTH BANK OF THE SONG KINH THAI (RIVER), AT UTM BARGE BUILDING FACILITY CONSISTS OF 1 SIDE-LAUNCHING BUILDING WAY, 6 SUPPORT BUILDINGS/SHOPS, AND 2 HOUSING UNITS. A POSSIBLY ASSOCIATED SUPPORT AREA, IMMEDIATELY	2100N 10635E	0616		309-B

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NPIC-R-194/67

	Target	Coordinates	WAC	Target Numbers	
				BE	NPIC
25X1D	WEST, CONTAINS 5 PROBABLE HOUSING UNITS. VESSELS -- 3 BARGES UNDER CONSTRUCTION AND 4 MOORED BARGES.				
25X1D	HA CHIEU BOAT REPAIR YARD 0.5 NM NE OF HA CHIEU, ON THE NORTH SIDE OF AN UNNAMED ISLAND IN THE SONG HA (RIVER), AT UTM [REDACTED] AREA CONSISTS OF A MOORING SLIP AND 2 FLOODED GRAVING DOCKS CAPABLE OF HOLDING 2 CARGO BARGES EACH. VESSELS -- 3 DERELICT BARGES.	2101N 10635E	0616	25X1A	37B-E
25X1D	HOANH MA TRANSSHIPMENT POINT SONG NAM MAU 1.3 NM SOUTH OF LAM XA ON A BRANCH OF THE SONG DA BACH (RIVER), AT UTM [REDACTED] FACILITIES CONSISTS OF 2 SIDE-LAUNCHING BUILDING WAYS, A SMALL WHARF CAPABLE OF BERTHING 1 BARGE, AND 6 SHOPS/SUPPORT BUILDINGS. VESSELS -- 1 BARGE ON BUILDING WAY. ACTIVITY -- 1 PROBABLY TRUCK-MOUNTED CRANE.	2101N 10639E	0616		309-C
25X1D	HA CHIEU TRANSSHIPMENT POINT SONG DA BACH 0.5 NM NE OF HA CHIEU, ON THE NORTH BANK OF THE SONG HA (RIVER), AT UTM [REDACTED] SOUTHERN TERMINUS OF A MINING RAILWAY CONTAINS 3 PIERS WITH COAL CONVEYORS, 6 SMALL BUILDINGS, AND A LARGE OPEN STORAGE AREA. VESSELS -- 5 MOORED BARGES.	2102N 10635E	0616		37B-F
25X1D	UONG BI TRANSSHIPMENT POINT SONG THAI KHE AT UONG BI, AT UTM [REDACTED] FACILITY CONSISTS OF AN OPEN COAL STORAGE AREA, A SHORT SEGMENT OF REINFORCED RIVER BANK, AND AN OFFLOADING AREA SERVICED BY 2 CLAMSHELL CRANES.	2102N 10647E	0616		408-B

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25X1A

NPIC-R-194/67

Target	Coordinates	WAC	Target Number	
			BE	NPIC
25X1D HA CHIEU BOAT YARD SONG HA 0.5 NM NE OF HA CHIEU, ON THE NORTH BANK OF THE SONG HA (RIVER), AT UTM [REDACTED] AREA CONSISTS OF 8 SUPPORT BUILDINGS AND A GRAVING DOCK CAPABLE OF HOLDING 2 BARGES. 25X1D VESSELS -- 2 CARGO BARGES IN GRAVING DOCK. [REDACTED]	2103N 10635E	0616	[REDACTED]	370-D
25X1D CAP CAU PORT FACILITIES EAST SONG CAU 25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] VESSELS -- 6 BARGES. [REDACTED] 25X1D -- STORAGE --	2112N 10606E	0616	[REDACTED]	206-K
VAN LA STORAGE DEPOT SOUTH [REDACTED] 25X1D	2056N 10545E	0616	[REDACTED]	256-D
DO SON PETROLEUM STORAGE 25X1D IN THE VICINITY OF DO SON, AT UTM [REDACTED] AREA CONSISTS OF 2 DAMAGED VERTICAL PDL STORAGE TANKS PARTIALLY COVERED WITH VEGETATION. AREA APPEARS ABANDONED. [REDACTED] 25X1D	2042N 10647E	0616	[REDACTED]	106-E
LOI DONG WAREHOUSE AREA 25X1D TWO AREAS 0.7 NM WEST OF LOI DONG AT UTM [REDACTED] INSTALLATION HAS BEEN SUBJECTED TO AIR STRIKES. NORTH AREA -- 7 DESTROYED AND 14 SEVERELY DAMAGED STORAGE BUILDINGS. SOUTH AREA -- 6 BUILDINGS REMAIN INTACT, THE REMAINDER OF THE PREVIOUSLY REPORTED BUILDINGS HAVE BEEN RAZED TO ACCOMMODATE THE LOI DONG TRANSSHIPMENT POINT, CUA CAM (BE NO [REDACTED]) 25X1A [REDACTED] 25X1D	2053N 10637E	0616	[REDACTED]	225-A

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NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			DE	NPIC
HAI PHONG PETROLEUM PRODUCTS STORAGE NW EDGE OF HAI PHONG. ALL 30 PREVIOUSLY REPORTED CYLINDRICAL STORAGE TANKS, 5 SERVICE TANKS, BOTH PUMPHOUSES, AND THE MAJORITY OF THE SUPPORT BUILDINGS ARE DESTROYED. BOTH BUNKERING PIERS APPEAR SERVICEABLE. ACTIVITY -- 1 LOCOMOTIVE AND 12 RAIL TANK CARS IN THE RAIL YARD IMMEDIATELY SOUTH OF STORAGE FACILITY. 25X1D ██████████	2053N 10640E	0616	████████	109-H
HOANG LO STORAGE AREA 5.7 NM ESE OF QUANG YEN AND 0.8 NM WEST OF HOANG LO AT UTM ██████████ STORAGE AREA CONSISTS OF 3 LARGE AND 4 SMALL STORAGE BUILDINGS AT THE BASE OF A KARST HILL. ██████████ 25X1D ██████████ BUILDINGS. ██████████ 25X1D ██████████ 25X1D	2055N 10654E	0616	████████	249-H
HA NOI STORAGE AREA GIA THUONG 4.5 NM NE OF HA NOI RAILROAD CLASSIFICATION YARD, AT UTM ██████████ NO APPARENT CHANGE IN FACILITIES SINCE ██████████ 25X1D ██████████ 25X1D ACTIVITY -- 1 LOCOMOTIVE, 35 PIECES OF ROLLING STOCK, AND 5 PROBABLE VEHICLES. 25X1D ██████████	2103N 10553E	0616	████████	114-D
THAP THUAN EXPLOSIVES STORAGE AREA 25X1D NORTH EDGE OF THAP THUAN AT UTM ██████████ FENCED AREA CONTAINS 1 REVETTED EXPLOSIVES STORAGE BUILDING, 1 VEHICLE SHED, AND 1 LARGE AND 1 SMALL SUPPORT BUILDING. ██████████ 25X1D	2104N 10539E	0616	████████	462-H

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25X1A
NPIC-R-194/67

Target	Coordinates	WAC	Target Numbers	
			RF	NPIC
HA NOI PETROLEUM PRODUCTS STORAGE THANH AN [REDACTED] 25X1D	2104N 10553E	0616	[REDACTED]	114-D1
AI NO WAREHOUSE AREA WEST ON SOUTH EDGE OF KIM QUAN DONG AT UTM [REDACTED] ENTIRE FACILITY HAS SUSTAINED HEAVY DAMAGE FROM AIR STRIKES. TEN BUILDINGS ARE DESTROYED, 6 ARE HEAVILY DAMAGED, AND THE REMAINDER ARE LIGHTLY DAMAGED. [REDACTED] 25X1D	2104N 10555E	0616	[REDACTED]	407-C
SON DONG STORAGE 0.8 NM NW OF SON DONG AT UTM [REDACTED] AREA CONSISTS OF 8 BARRACKS, 2 ADMINISTRATION, AND 20 STORAGE/SUPPORT BUILDINGS. [REDACTED] 25X1D	2105N 10530E	0616	[REDACTED]	244-C
HA NOI PETROLEUM PRODUCTS STORAGE WEST [REDACTED] 25X1D	2105N 10546E	0616	[REDACTED]	112-Q2
AI NO WAREHOUSE AREA NORTH EDGE OF AI NO AT UTM [REDACTED] WAREHOUSE AREA CONSISTS OF A STORAGE AREA AND A MOTOR POOL CONTAINING 18 STORAGE BUILDINGS AND 32 SUPPORT BUILDINGS, AND 2 ADJACENT STORAGE AREAS AT UTM [REDACTED] AND [REDACTED] 25X1D ACTIVITY -- 5 UNIDENTIFIED VEHICLES. [REDACTED] 25X1D	2105N 10554E	0616	[REDACTED]	407-D
AI NO WAREHOUSE AREA EAST ON NORTH EDGE OF KIM QUAN DONG AT UTM [REDACTED] ENTIRE FACILITY HAS RECEIVED HEAVY DAMAGE FROM AIR STRIKES. SEVENTY PERCENT OF THE BUILDINGS HAVE SUSTAINED VISIBLE STRUCTURAL DAMAGE. [REDACTED] 25X1D	2105N 10555E	0616	[REDACTED]	407-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D CO DUONG STORAGE AREA AT CO DUONG, 8 NM NW OF HA NOI, AT UTM [REDACTED] AREA CONTAINS TWO 2,000-GAL POL TANKS AND SEVERAL PILES OF UNIDENTIFIED MATERIAL IN OPEN STORAGE.	2109N 10549E	#616	25X1A	221-J
[REDACTED]				
25X1D VIET TRI PETROLEUM PRODUCTS STORAGE	2117N 10526E	#616		262-D
[REDACTED]				
25X1D CANH THUY PROBABLE STORAGE AREA 0.9 NM NW OF CANH THUY AT UTM [REDACTED] AREA CONTAINS APPROXIMATELY 44 BUILDINGS IN A NARROW VALLEY. A PROBABLY ASSOCIATED ADMINISTRATION AREA CONSISTING OF APPROXIMATELY 24 BUILDINGS IS 0.7 NM SOUTH.	2112N 10615E	#616		526
[REDACTED] 25X1D				
25X1D HOANG MAI PETROLEUM PRODUCTS STORAGE 0.6 NM WEST OF HOANG MAI. STORAGE AREA APPEARS COMPLETELY DESTROYED BY AIR STRIKES.	2114N 10606E	#616		286-H
[REDACTED]				

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25X1A

	Target	Coordinates	WAC	NPIC-R-194/67	
				BE	NPIC
25X1D	BAC GIANG PETROLEUM PRODUCTS STORAGE [REDACTED] -- URBAN COMPLEXES --	2116N 10611E	0616	[REDACTED]	238-D
25X1D	TIEN YEN COMPLEX SMALL COMPLEX, LESS THAN 1 SQ MI IN AREA, ON NORTH BANK OF THE SONG TIEN YEN (RIVER), CONSISTS OF MOSTLY RESIDENTIAL BUILDINGS WITH NUMEROUS SMALL BARRACKS-TYPE BUILDINGS SCATTERED THROUGHOUT. A NEWLY CONSTRUCTED CAUSEWAY IS IN OPERATION OVER THE SONG TIEN YEN (RIVER) AT UTM [REDACTED] AND AN OPERATIONAL VEHICLE FERRY IS JUST WSW OF THE CAUSEWAY. A SMALL BOAT REPAIR FACILITY IS SOUTH OF TOWN AT [REDACTED] (SEE ATTACHMENT 7)	2119N 10724E	0615	[REDACTED]	184-C
25X1A	DIEN BIEN PHU COMPLEX COMPLEX, ALONG ROUTE 19, APPEARS ABANDONED. MOST BUILDINGS HAVE BEEN DESTROYED/RAZED. AIRFIELD (BE NO [REDACTED] IMMEDIATELY TO THE NORTH IS HEAVILY CRATERED AND UNSERVICEABLE. (SEE ATTACHMENT 8)	2122N 10301E	0616	[REDACTED]	185-G
25X1A	VIET TRI COMPLEX SMALL INDUSTRIAL COMPLEX ON WEST BANK OF THE SONG LO (RIVER), IMMEDIATELY NORTH OF THE CONFLUENCE OF THE SONG LO AND THE RED RIVER. COMPLEX, APPROXIMATELY 1 SQ MI IN AREA, IS COMPRISED OF A RAILROAD YARD (BE [REDACTED] RAIL-SERVED THERMAL POWERPLANT [REDACTED], AND A WOOD PROCESSING PLANT. BOTH THE POWERPLANT AND THE RAIL YARD HAVE BEEN SUBJECTED TO AIR STRIKES AND APPEAR UNSERVICEABLE. ALSO OBSERVED ARE A SECURED POL STORAGE AREA WITH ALL ABOVEGROUND TANKS DESTROYED AND AN UNIDENTIFIED INDUSTRY WITH WATER TREATMENT FACILITIES.	2117N 10525E	0616	[REDACTED]	262

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
25X1D [REDACTED] 25X1A BAC GIANG COMPLEX COMMERCIAL CENTER, 0.8 SQ MI IN AREA, ON THE HA NOI/LANG SON RAIL LINE CONTAINS A RAILROAD CLASSIFICATION YARD (BAC GIANG RAILROAD YARD AND SHOPS, BE NO [REDACTED], 1,600 FT LONG AND 4 TRACKS WIDE, SEVERAL SMALL INDUSTRIES, MILITARY BARRACKS, AND POL STORAGE (BAC GIANG PETROLEUM PRODUCTS STORAGE, BE NO [REDACTED] BAC GIANG CHEMICAL FERTILIZER PLANT (BE [REDACTED] IS 2 NM TO THE NORTH. SEVERAL BUILDINGS HAVE BEEN SEVERELY DAMAGED/DESTROYED BY AIR STRIKE IN THE NE SECTION OF COMPLEX. (SEE ATTACHMENT 9) [REDACTED] 25X1D [REDACTED] 25X1A LANG SON COMPLEX COMPLEX IS ON BOTH SIDES OF THE SONG KY CUNG (RIVER) AT UTM [REDACTED] TRANSPORTATION, MILITARY, AND RESIDENTIAL AREAS MAKE UP THE MAJORITY OF THE CITY, WHICH IS SITUATED ON ONE OF THE MAIN LAND SUPPLY ROUTES ENTERING NORTH VIETNAM FROM COMMUNIST CHINA. BOTH RAIL AND HIGHWAY ROUTES CONNECTING HA NOI AND SE CHINA PASS THROUGH LANG SON. IN ADDITION, THE CITY IS ON BOTH SIDES OF THE ROAD LEADING NW TO CAD BANG (AT 22-40N 106-15E) AND SE TO TIEN YEN (AT 21-20N 107-24E), CONNECTING THE PRINCIPAL TOWNS ALONG VIETNAM'S MOUNTAINOUS NE FRONTIER. LANG SON AIRFIELD IS 0.9 NM ESE OF THE COMPLEX. THE COMPLEX IS DEFENDED BY NUMEROUS OCCUPIED AAA SITES. NUMEROUS AIR STRIKES HAVE INFLICTED HEAVY DAMAGE ON THE RAIL FACILITIES AND BRIDGES CROSSING THE SONG KY CUNG. A SERVICEABLE, UNDAMAGED RAIL BRIDGE IS AT [REDACTED] AND ANOTHER RAIL BRIDGE (WITH 1 SPAN MISSING) IS AT [REDACTED] THIS SECOND RAIL BRIDGE IS NEWLY CONSTRUCTED AND THE MISSING SPAN IS ON A SMALL RAIL SPUR JUST SOUTH OF THE BRIDGE. A LARGE RAILROAD CRANE IS 400 YDS FURTHER SOUTH OF BRIDGE. CONSTRUCTION OF BRIDGE APPEARS COMPLETE. THE MISSING SPAN IS PROBABLY [REDACTED]	2116N 10611E	0616	25X1A [REDACTED]	238
25X1D [REDACTED]	2151N 10645E	0616	[REDACTED]	119

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ACTIVITY -- 22 RAIL CARS IN RAIL YARD. [REDACTED] 25X1D [REDACTED] 25X1A CAO BANG COMPLEX SMALL PRIMARILY RESIDENTIAL COMPLEX, LESS THAN 1 SQ MI IN AREA, IS LOCATED AT THE JUNCTION OF ROUTES 3 AND 4, 12 NM SOUTH OF THE NORTH VIETNAM/CHINA BORDER. COMPLEX CONTAINS AN AIRFIELD (BE NO [REDACTED]) ON THE SE SIDE OF TOWN, 3 SMALL MILITARY/STORAGE AREAS IMMEDIATELY EAST (BE NO [REDACTED]), TO THE SW (BE NO [REDACTED]) AND ON THE NW EDGE OF TOWN (BE NO [REDACTED]), AND A HYDRO POWERPLANT (BE NO [REDACTED]) 1.4 NM TO THE NE. A ROAD BY-PASS IS BEING CONSTRUCTED AROUND THE COMPLEX TO THE WEST WITH A 4-SPAN BRIDGE UNDER CONSTRUCTION AT [REDACTED] AND A CABLE BRIDGE UNDER CONSTRUCTION AT [REDACTED] (SEE ATTACHMENT 13) [REDACTED]	2239N 10615E 25X1A 25X1A 25X1A 25X1A 25X1A 25X1D	0616	25X1A [REDACTED]	184-A
[REDACTED]				
-- MISCELLANEDUS --				
LANG NAC PROB AGRICULTURAL SETTLEMENT 25X1D 1.2 NM SW OF LANG NAC AT UTM [REDACTED] SECURED AREA CONTAINS 21 BARRACKS (3 DETERIORATED), 2 ADMINISTRATION, 5 STORAGE, AND APPROXIMATELY 10 SUPPORT BUILDINGS. [REDACTED] 25X1D	2148N 10636E	0616		495

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YEN VIEN RR CLASSIFICATION YARD	46

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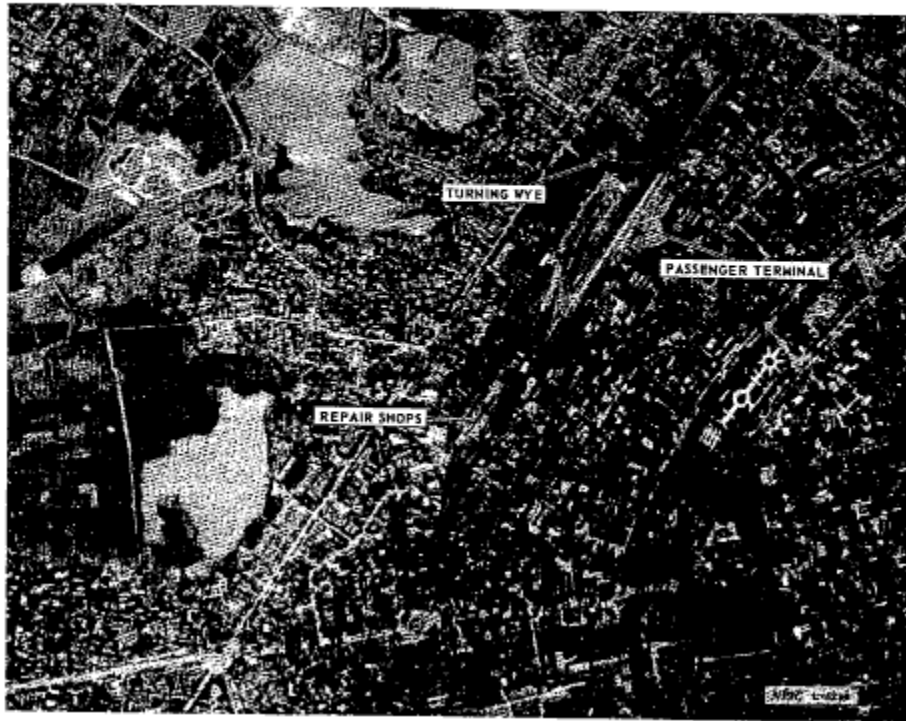
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NPIC/R-194/87

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HAI PHONG RAILROAD STATION, CLASSIFICATION YARD, AND SHOPS, NORTH VIETNAM

~~SECRET~~

NO FOREIGN DISSEM

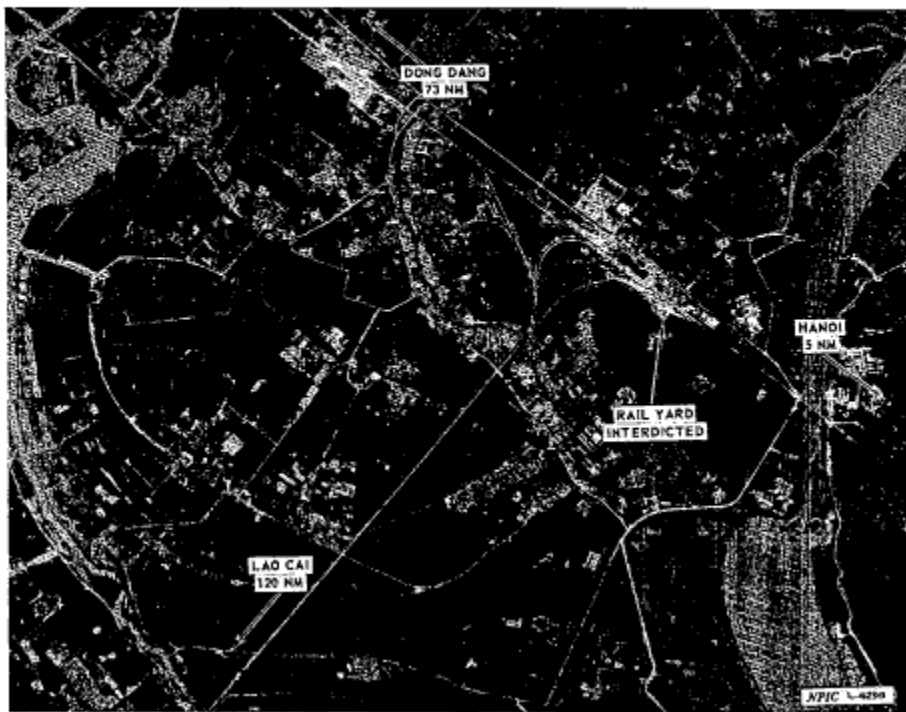
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NPIC/R-194/67

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YEN VIEN RAILROAD CLASSIFICATION YARD, NORTH VIETNAM

~~SECRET~~

NO FOREIGN DISSEM

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~~SECRET~~
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NPIC/R-1W/57



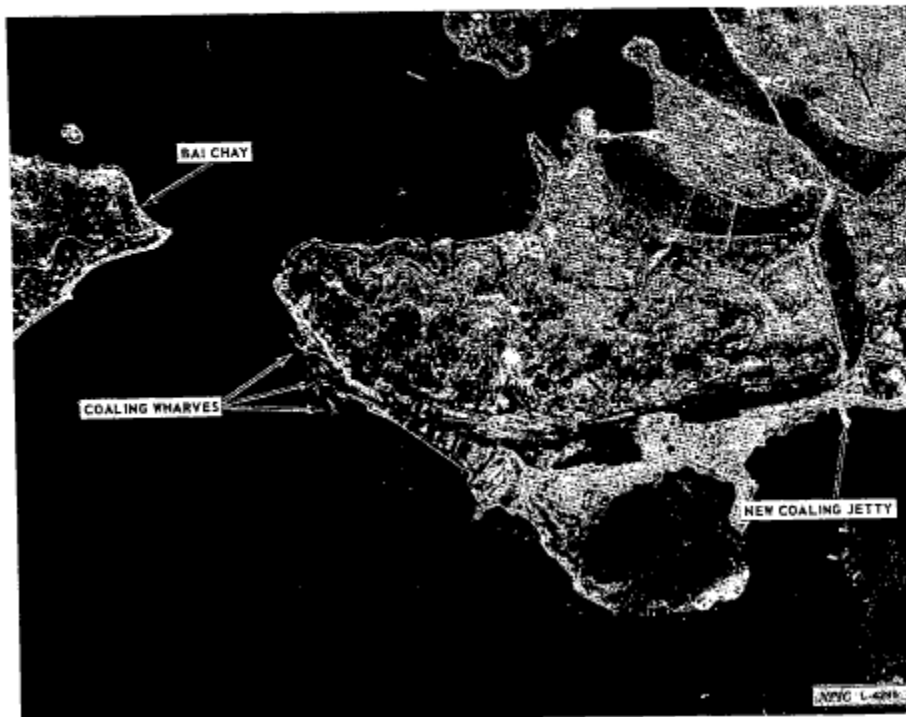
VIET TRI RAILROAD YARD, NORTH VIETNAM



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NO FOREIGN DISSEM

ATTACHMENT 4

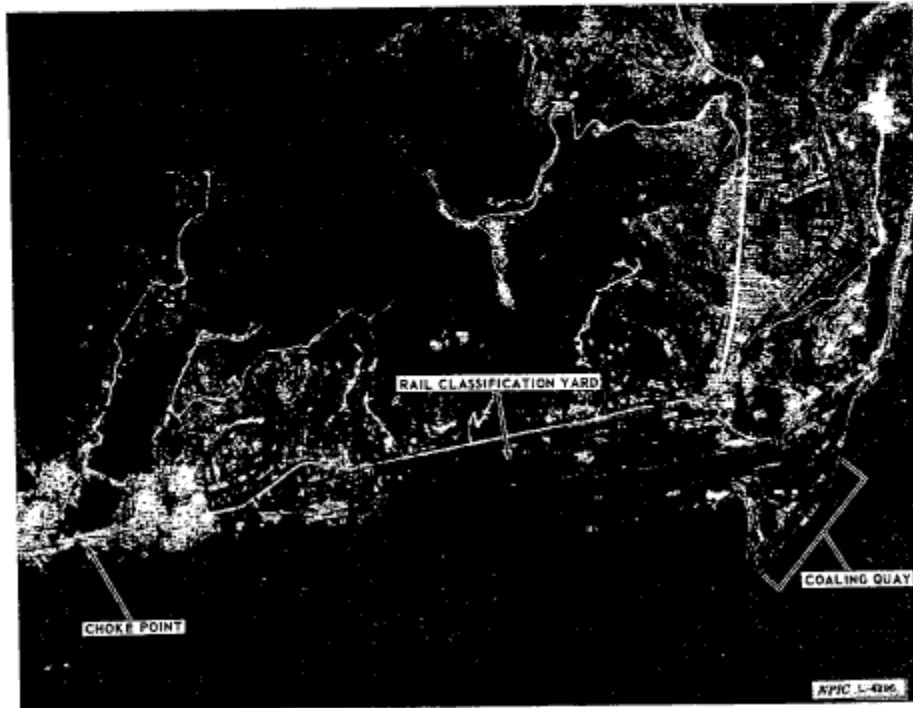


HON GAI PORT FACILITIES, NORTH VIETNAM

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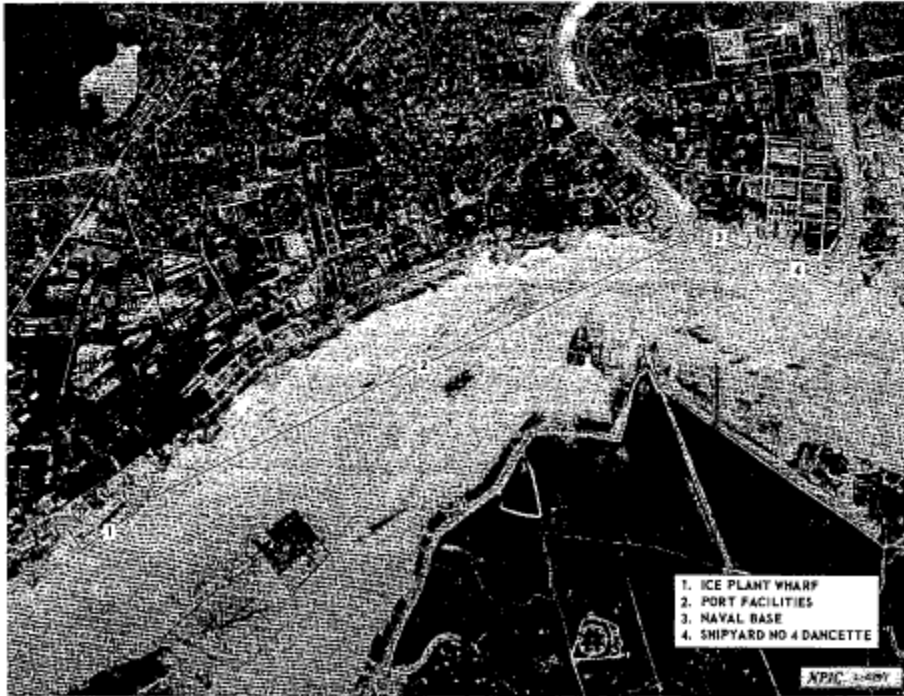


CAM PHA PORT FACILITIES, NORTH VIETNAM

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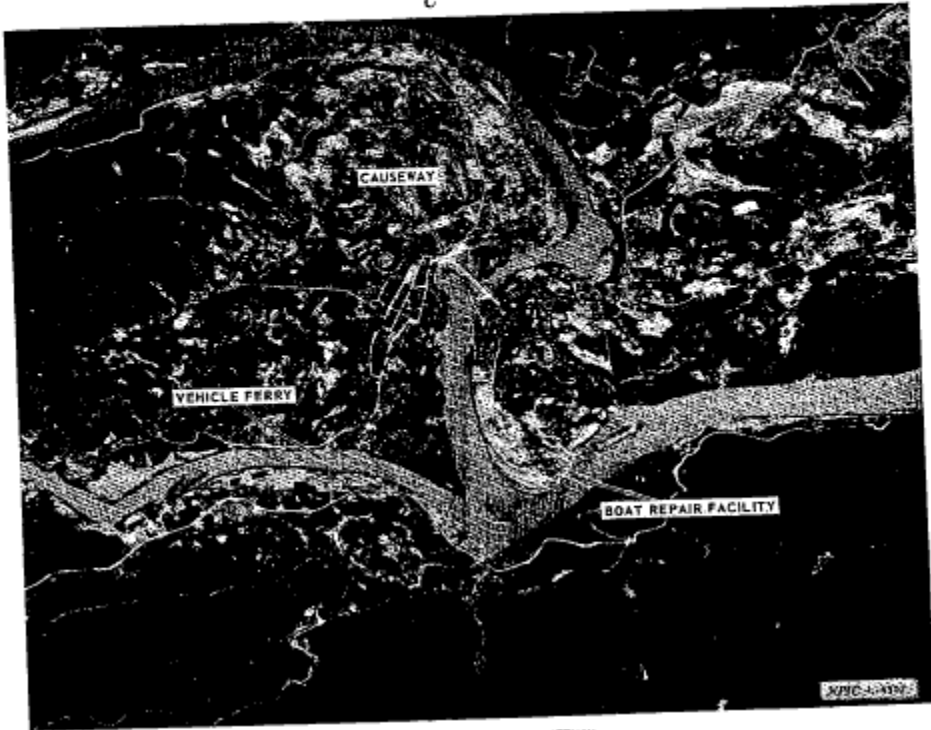
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HAI PHONG PORT FACILITIES, NORTH VIETNAM

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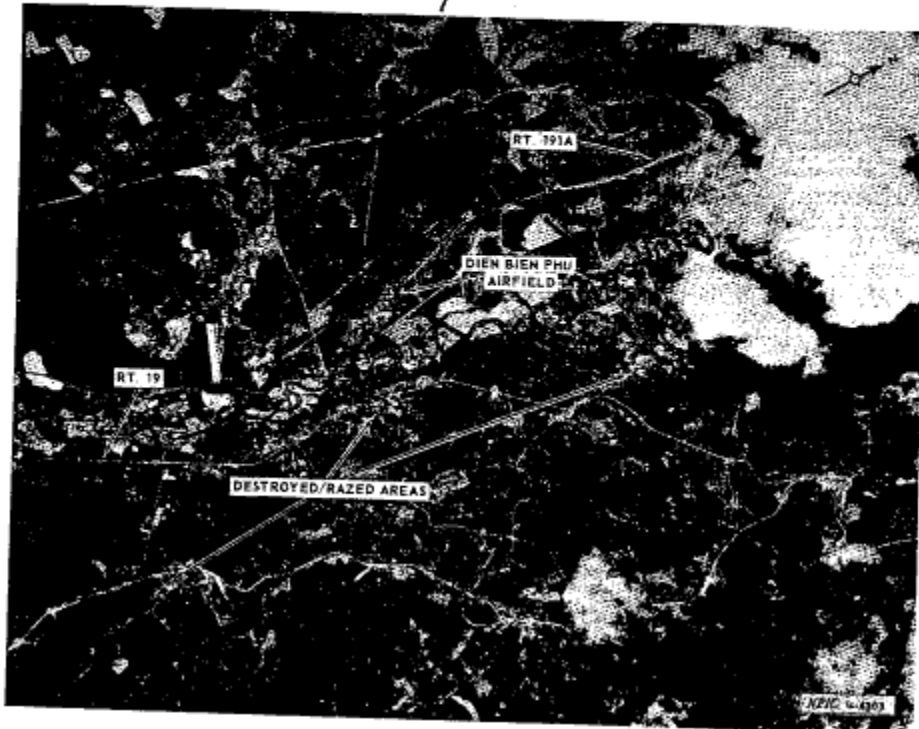


TIEN YEN COMPLEX, NORTH VIETNAM



~~SECRET~~
NO FOREIGN DISSEM

NPIC/R-194/67
ATTACHMENT 8

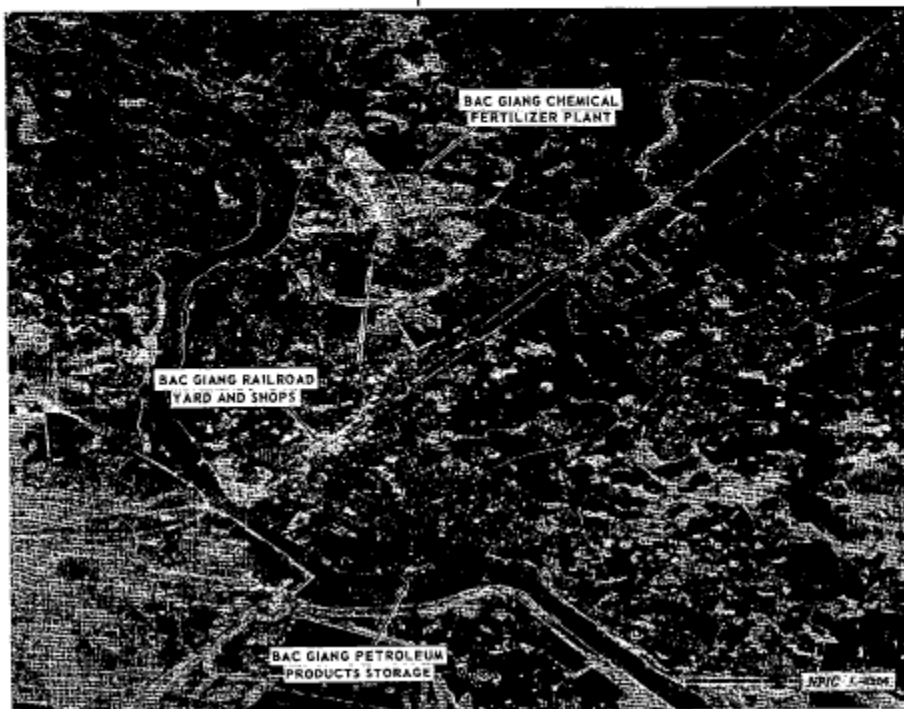


DIEN BIEN PHU COMPLEX, NORTH VIETNAM

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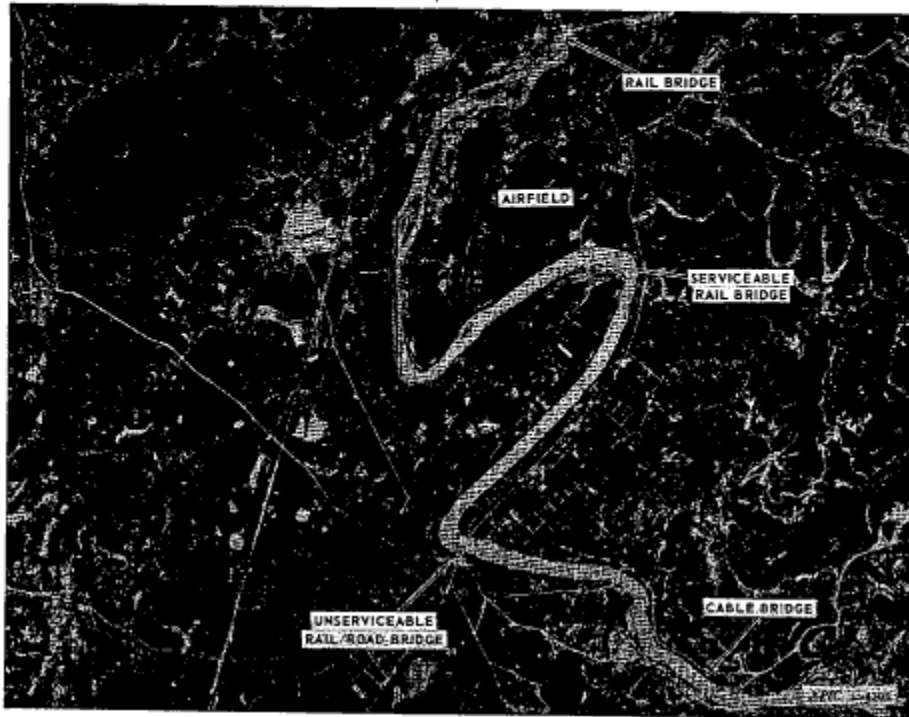
BAC GIANG COMPLEX, NORTH VIETNAM

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NO FOREIGN DISSEM



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NO FOREIGN DISSEM

NPIC/R-194/67
ATTACHMENT 10



LANG SON COMPLEX, NORTH VIETNAM

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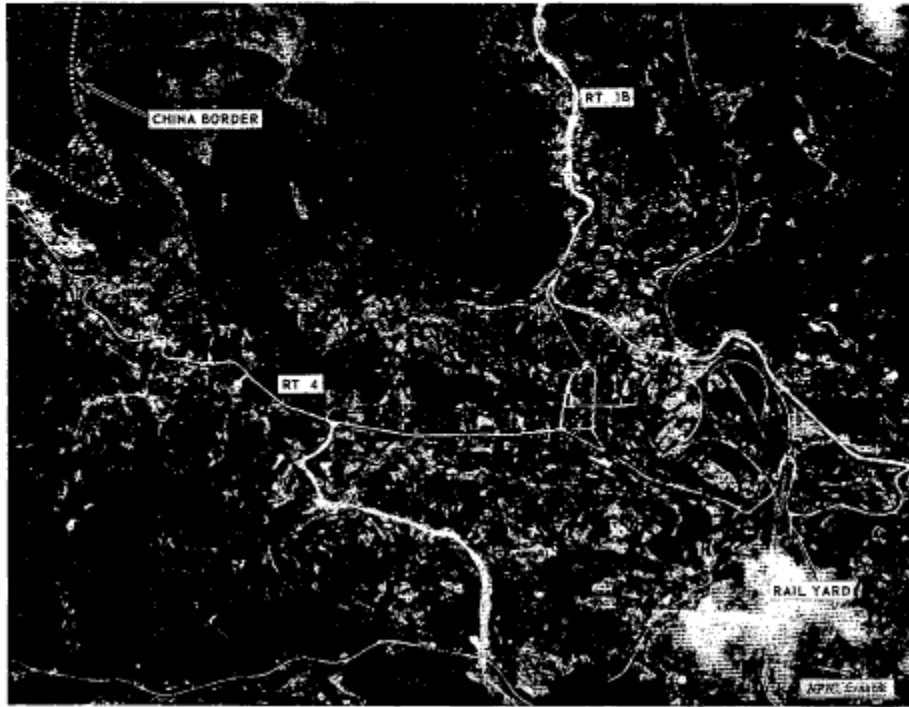


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NPIC/R-154/67

ATTACHMENT II

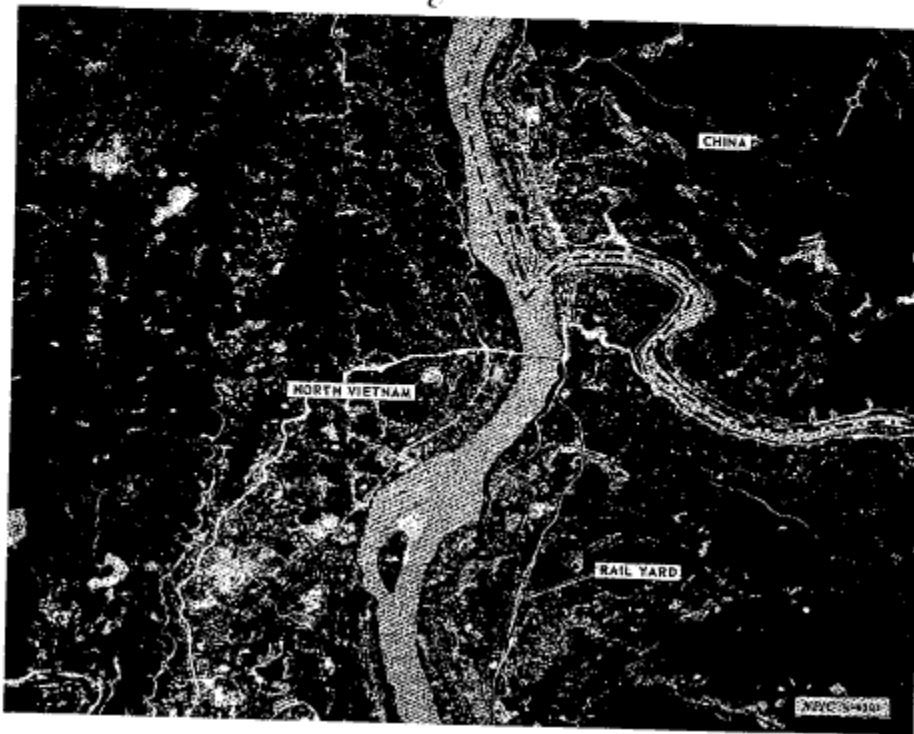


DONG DANG COMPLEX, NORTH VIETNAM

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NO FOREIGN DISSEM



LAO CAI COMPLEX, NORTH VIETNAM

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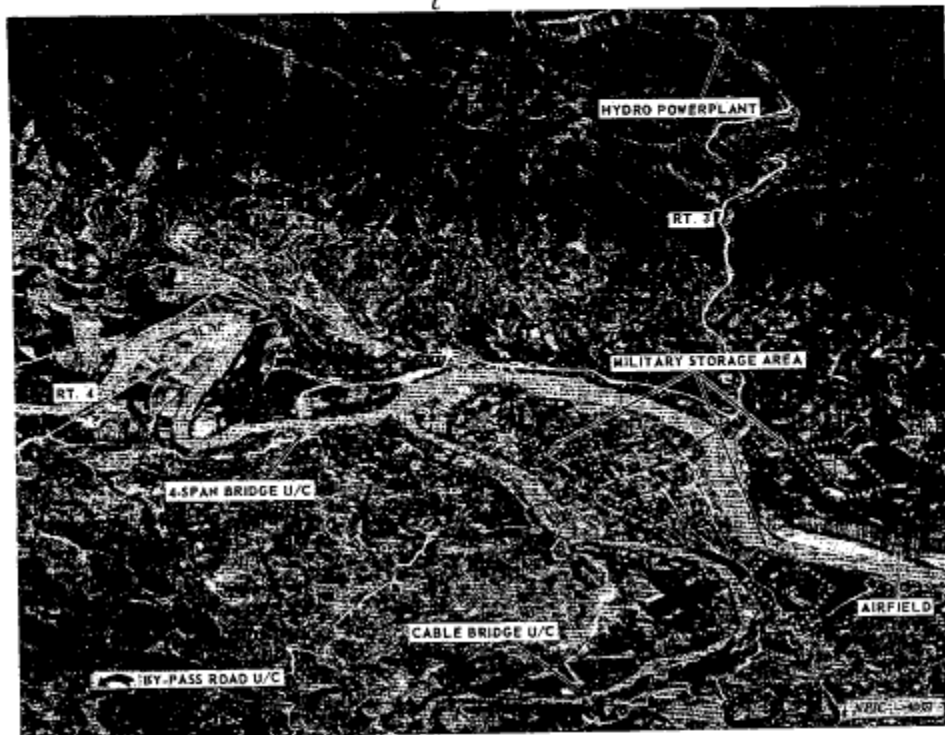


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NO FOREIGN DISSEM

HPIC/R-194/67

ATTACHMENT 13



CAO BANG COMPLEX, NORTH VIETNAM

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NO FOREIGN DISSEM



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