

Approved For Release 2000/06/30 : CIA-RDP78B04560A006400010024-2

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PHOTOGRAPHIC INTERPRETATION REPORT



GIANT SCALE MISSION
GS 038

18 JULY 1968

NPIC/R-95/68

SEPTEMBER 1968

Declass Review, NIMA/DoD

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AND DECLASSIFICATION

WARNING

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NPIC/R-95/68

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 IDO as the last entry on the photo reference line.

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

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

The map base used for derivation of coordinates is the best available among these series: US Air Target Chart (Series 200), AMS (1:50,000 and 1:250,000), JOG (1:250,000), ONC (1:1,000,000), and IMW (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), GR (ground resolution), and SS (small scale).

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

AAA defense are divided into four categories: automatic weapons (ZPU-1, ZPU-2, and ZPU-4), light (21-75 mm), medium (76-100mm), and heavy (over 100mm). 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).

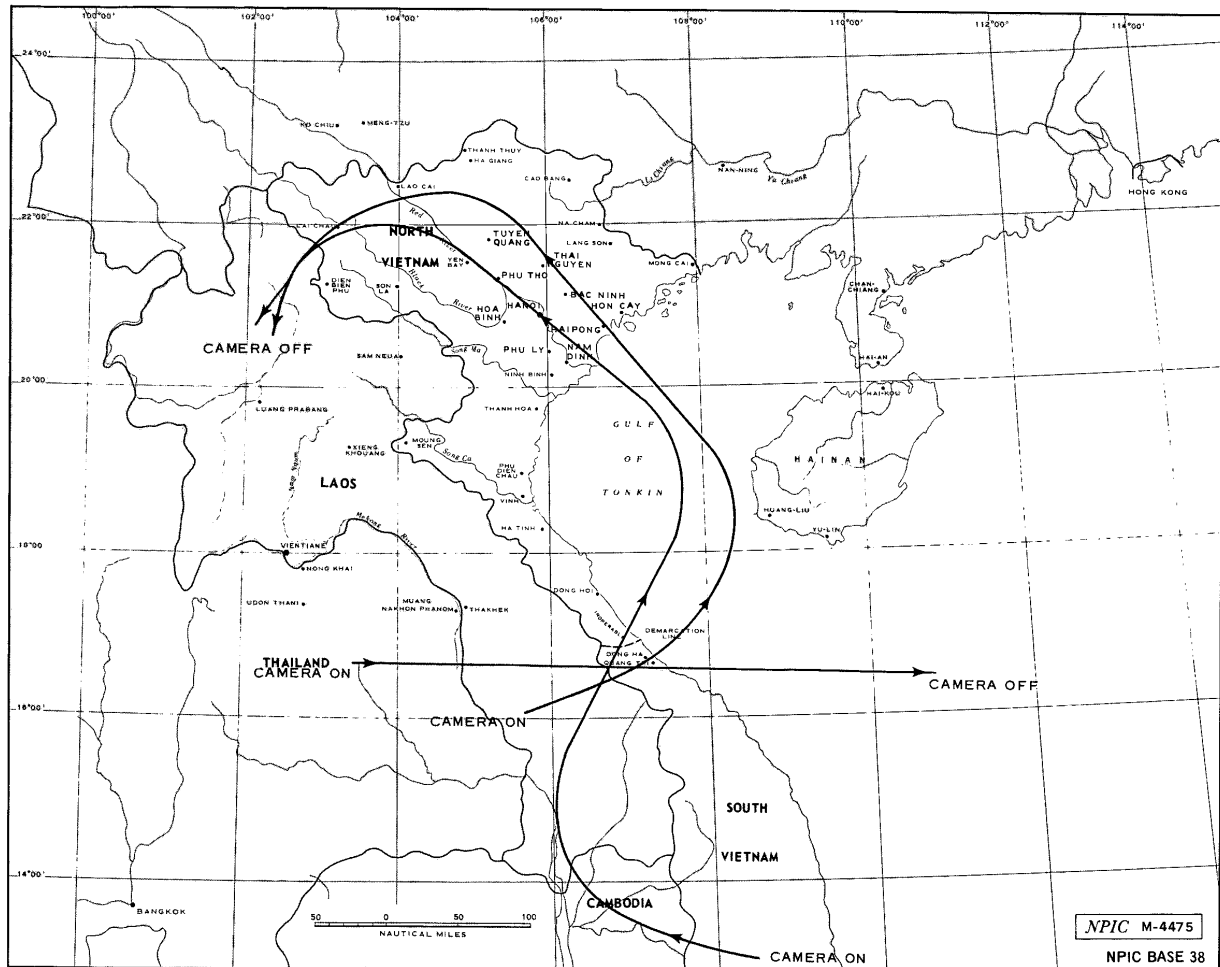
For the convenience of the user, an index to all targets is included. Targets are arranged alphabetically within a country.

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1	22	71	INVENTORY					10									
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SUMMARY

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR NEW SA-2 SITES IS OBSERVED.

A TOTAL OF 116 SA-2 SITES ARE OBSERVED. TWENTY-NINE ARE OCCUPIED, 76 UNOCCUPIED, SEVEN IDENTIFICATION ONLY, AND FOUR RETURNED TO CULTIVATION. THIS IS THE LARGEST NUMBER OF OCCUPIED SA-2 SITES OBSERVED ON A SINGLE MISSION TO DATE.

THE TENTH AND ELEVENTH SIGHTINGS OF MODIFIED FAN SONG RADARS ARE OBSERVED AT SAM SITES IN NORTH VIETNAM.

EIGHT MAJOR AIRFIELDS ARE COVERED, REVEALING A CONTINUED HIGH AIR ORDER OF BATTLE INCLUDING 21 FISHBED, THE LARGEST NUMBER OBSERVED IN NORTH VIETNAM TO DATE. THIS COUNT INCLUDES THE FIRST TWO FISHBED PHOTOGRAPHED AT HOA LAC AIRFIELD AND ONE OBSERVED IN FLIGHT NEAR VIET TRI.

THE PAUL DOUMER BRIDGE IS REPAIRED AND SERVICEABLE TO AT LEAST VEHICULAR TRAFFIC.

THE S.O.1 SC RECENTLY SALVAGED FROM THE OFFSHORE ISLAND AREA IS NOW IN DRYDOCK AT THE HAIPHONG NAVAL BASE.

THE RESULTS OF HEAVY RAINFALL ARE OBSERVED WITH TWO SA-2 SITES INUNDATED AND THE VIET TRI RAIL CROSSING UNSERVICEABLE DUE TO HIGH WATER.

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
-CHINA-				
--MILITARY INSTALLATIONS-- 25X1D	25X1A		25X1A	
HO-KOU ARMY BARRACKS NORTH [REDACTED]	223225N 1035740E	0616	[REDACTED]	26
--ELECTRONICS/COMMUNICATIONS-- 25X1D				
HUANG-LIU AIR WARNING RADAR FACILITY [REDACTED]	183216N 1084554E	0618		10-C
-NORTH VIETNAM-				
--MISSILES--				
HA NOI SAM SITE C17A-2 (161) 25X1D THE SITE IS UNOCCUPIED, [REDACTED]	203735N 1055710E	0616		318-B
HA NOI SAM SITE B20-2 (271) 25X1D THE SITE IS UNOCCUPIED, [REDACTED]	204622N 1054545E	0616		449
HA NOI SAM SITE B17-2 (1) 25X1D THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS, AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR POSITION. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND 1 ACQUISITION RADAR. [REDACTED]	204700N 1055437E	0616		114-G
[REDACTED] 25X1A				
HOA BINH SAM SITE B10-2 (259) 25X1D [REDACTED]	204825N 1053932E	0616		344-B

25X1D

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TARGET	COORDINATES	WAC	TARGET NUMBERS		
			BE	NPIC	
HA NOI SAM SITE B17-B2 (286) THE SITE IS UNOCCUPIED. [REDACTED]	25X1A [REDACTED]	204836N 1055627E	0616	[REDACTED]	344-C
HA NOI SAM SITE B16-2 (162) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FIVE OCCUPIED BY MISSILES ON LAUNCHERS AND ONE UNOCCUPIED), A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE MODIFIED FAN SONG RADAR AND AT LEAST FOUR ASSOCIATED ELECTRONICS VANS, AND AN OCCUPIED ACQUISITION RADAR POSITION. THIS IS THE ELEVENTH SIGHTING OF A MODIFIED FAN SONG RADAR IN NORTH VIETNAM. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE MODIFIED FAN SONG RADAR, AT LEAST 4 ASSOCIATED VANS, AND 1 ACQUISITION RADAR. [REDACTED]	25X1A [REDACTED]	204928N 1055755E	0616	25X1A	265-C
HA NOI SAM SITE B21-2 (2) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D [REDACTED]	205154N 1054521E	0616	[REDACTED]	114-H
HA NOI SAM SITE B18-2 (280) THE SITE CONSISTS OF FIVE UNREVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND AN OCCUPIED GUIDANCE AREA. OB -- 5 SA-2 MISSILES ON LAUNCHERS AND A GUIDANCE RADAR. [REDACTED]	25X1D [REDACTED]	205217N 1055011E	0616	[REDACTED]	266-A1
HA NOI SAM SITE A17A-2 (45) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS, AN OCCUPIED GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR POSITION. OB -- 6 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND AN ACQUISITION RADAR. [REDACTED]	25X1A [REDACTED]	205237N 1055423E	0616	[REDACTED]	266-G

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25X1A

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TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS		
				BE	NPIC	
HA NOI SAM SITE B25-2 (11) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]	205457N 1053700E	0616	266-E	
HA NOI SAM SITE A19-2 (15) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FIVE OCCUPIED BY MISSILES ON LAUNCHERS) AND AN APPARENTLY OCCUPIED GUIDANCE AREA. FAIR INTERPRETABILITY PRECLUDES DETERMINATION OF THE OCCUPANCY OF THE SIXTH LAUNCH POSITION. OB -- 5 SA-2 MISSILES ON LAUNCHERS. [REDACTED]	25X1D	25X1A	[REDACTED]	205535N 1055045E	0616	266-F
HA NOI SAM SITE A24A-2 (272) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]	205620N 1054315E	0616	256-N1	
HA NOI SAM SITE A22-2 (263) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]	205655N 1054751E	0616	256-0	
HANOI SAM SITE A15B-2 (292) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]	205607N 1055610E	0616	266-I2	
HA NOI SAM SITE A14-2 (142) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]	205605N 1055800E	0616	499-B	
HA NOI SAM SITE A24-2 (19) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS, A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR, SIX ASSOCIATED VANS AND THREE TENTS, TWO MISSILE-HOLD POSITIONS CONTAINING UNIDENTIFIED STRUCTURES, AND AN ACQUISITION RADAR POSITION WITH TWO UNIDENTIFIED VEHICLES IMMEDIATELY SE OF THE SITE. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG		[REDACTED]	205700N 1054354E	0616	256-F	

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
RADAR, AND 6 ASSOCIATED VANS. ACTIVITY -- 2 UNIDENTIFIED VEHICLES AT THE ACQUISITION RADAR POSITION. [REDACTED]	25X1D	25X1A		
HA NOI SAM SITE A20-2 (281) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]	25X1A	257-B1
HA NOI SAM SITE A15-2 (243) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A MODIFIED FAN SONG RADAR AND FIVE ASSOCIATED VANS. THIS IS THE TENTH SIGHTING OF A MODIFIED FAN SONG RADAR IN NORTH VIETNAM. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 MODIFIED FAN SONG RADAR, AND 5 ASSOCIATED VANS. [REDACTED]	25X1D	[REDACTED]		256-N
HA NOI SAM SITE A15A-2 (264) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]		112-E4
HA NOI SAM SITE B27-2 (180) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]		529
HAI PHONG SAM SITE D22-2 (152) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]		379-D
HAI PHONG SAM SITE C21-2 (157) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED]		435-A

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25X1D

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				BE	NPIC
HAI PHONG SAM SITE D23-2 (174) THE SITE IS UNOCCUPIED. [REDACTED]	[REDACTED]	202848N 1061409E	0616	[REDACTED]	236-K
HA NOI SAM SITE C17B-2 (165) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	203345N 1060050E	0616	[REDACTED]	392-C
HA NOI SAM SITE D16-2 (24) THE SITE IS UNOCCUPIED AND INUNDATED. [REDACTED]	25X1D	203445N 1060745E	0616	[REDACTED]	516
HA NOI SAM SITE C17-2 (147) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	203637N 1060149E	0616	[REDACTED]	269-C
HA NOI SAM SITE C16-2 (166) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D 25X1D 25X1D	204100N 1060530E	0616	[REDACTED]	362-A
HAI PHONG SAM SITE A17A-2 (86) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	204255N 1064412E	0616	[REDACTED]	371-F
HAI PHONG SAM SITE A20-2 (25) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FIVE OCCUPIED BY MISSILES ON LAUNCHERS), A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND AT LEAST TWO VANS, AND THREE REVETTED MISSILE-HOLD POSITIONS (ONE POSSIBLY OCCUPIED BY AN UNIDENTIFIED OBJECT). OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND AT LEAST 2 VANS. [REDACTED]	25X1D 25X1A	204421N 1063910E	0616	[REDACTED]	109-V
HA NOI SAM SITE C13-2 (81) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	204510N 1061300E	0616	[REDACTED]	393-A

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25X1D 5

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25X1D

25X1D

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25X1A

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TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HAI PHONG SAM SITE A23-2 (66) THE SITE IS UNOCCUPIED. [REDACTED]	[REDACTED]	204555N 1063543E	0616	[REDACTED]	371-A
HAI PHONG SAM SITE A22-2 (252) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	204558N 1063607E	0616	[REDACTED]	371-H
HAI PHONG SAM SITE A17-2 (34) THE SITE IS UNOCCUPIED. [REDACTED]	[REDACTED]	204712N 1064222E	0616	[REDACTED]	109-W
HAI PHONG SAM SITE A26-2 (246) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	204920N 1063342E	0616	[REDACTED]	220-B
HAI PHONG SAM SITE A15-2 (311) THE SITE CONSISTS OF FOUR REVETTED LAUNCH POSITIONS (THREE OCCUPIED AND ONE PROBABLY OCCUPIED BY MISSILES ON LAUNCHERS) AND A GUIDANCE AREA WITH OCCUPANCY UNDETERMINED. OB -- 3 SA-2 MISSILES, 1 PROBABLE SA-2 MISSILE, AND 4 LAUNCHERS. [REDACTED]	25X1A	204932N 1064245E	0616	[REDACTED]	109-A4
HAI PHONG SAM SITE A14-2 (137) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D 25X1D	204921N 1064336E	0616	[REDACTED]	109-A1
HA NOI SAM SITE B13-2 (184) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (ONE OCCUPIED BY A POSSIBLE LAUNCHER AND FIVE UNOCCUPIED) AND A GUIDANCE AREA OCCUPIED BY TWO POSSIBLE VANS. OB -- 1 POSSIBLE LAUNCHER AND 2 POSSIBLE VANS. [REDACTED]	25X1D	205052N 1060527E	0616	[REDACTED]	531

25X1D

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25X1A

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TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HAI PHONG SAM SITE A27-2 (99) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FOUR OCCUPIED BY MISSILES ON LAUNCHERS), A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND FIVE ASSOCIATED VANS, AND AN ACQUISITION RADAR POSITION WHICH APPEARS TO BE UNOCCUPIED. OB -- 4 SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND 5 ASSOCIATED VANS.	[REDACTED]	205123N 1063734E	0616	[REDACTED]	109-24
[REDACTED]	25X1A				
HA NOI SAM SITE C12-2 (88) THE SITE IS UNOCCUPIED.	25X1D	205231N 1061104E	0616	[REDACTED]	312-C
HAI PHONG SAM SITE A29-2 (21) THE SITE IS UNOCCUPIED.	25X1D	205241N 1063403E	0616	[REDACTED]	109-S
HAI PHONG SAM SITE A29A-2 (37)	[REDACTED]	205318N 1063125E	0616	[REDACTED]	109-Z
HAI PHONG SAM SITE A29B-2 (236) THE SITE IS UNOCCUPIED.	25X1D	205305N 1063312E	0616	[REDACTED]	109-27
HAI PHONG SAM SITE A31-2 (70) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FIVE OCCUPIED BY MISSILES ON LAUNCHERS AND ONE UNOCCUPIED), A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND SIX ASSOCIATED VANS, AND AN ACQUISITION RADAR POSITION OCCUPIED BY A SPOON REST RADAR AND ONE ASSOCIATED VAN TRAILER. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR WITH 6 ASSOCIATED VANS, AND 1 SPOON REST RADAR WITH 1 ASSOCIATED VAN TRAILER.	[REDACTED]	205435N 1063610E	0616	[REDACTED]	371-B
[REDACTED]		25X1D			
[REDACTED]		25X1D			

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25X1A NO FOREIGN DISSEM

25X1A

NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
HAI PHONG SAM SITE A33A-2 (93) THE SITE IS UNOCCUPIED. [REDACTED] 25X1D	205439N 1063845E	0616	[REDACTED]	109-23
HA NOI SAM SITE C11-2 (84) THE SITE IS UNOCCUPIED. [REDACTED] 25X1D	205532N 1061459E	0616	[REDACTED]	312-B
HAI PHONG SAM SITE A02A-2 (253) THE SITE IS UNOCCUPIED. [REDACTED] 25X1D	205540N 1064228E	0616	[REDACTED]	109-J1
HA NOI SAM SITE B12-2 (3) THE SITE IS UNOCCUPIED. [REDACTED] 25X1D	205654N 1060412E	0616	[REDACTED]	312-A
HAI PHONG SAM SITE A33-2 (71) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FIVE OCCUPIED BY MISSILES ON LAUNCHERS AND ONE UNOCCUPIED), A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND FIVE ASSOCIATED VANS (ONE CANVAS COVERED), AND AN UNOCCUPIED ACQUISITION RADAR POSITION. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, AND 5 ASSOCIATED VANS. [REDACTED] 25X1D	205603N 1063709E	0616	[REDACTED]	371-C
HAI PHONG SAM SITE A02-2 (85) THE SITE IS UNOCCUPIED. [REDACTED] 25X1D	205614N 1064301E	0616	[REDACTED]	371-E
HAI PHONG SAM SITE A06-2 (135) THE SITE IS UNOCCUPIED. [REDACTED] 25X1D	205630N 1064850E	0616	[REDACTED]	249-F
HAI PHONG SAM SITE B06-C2 (289) [REDACTED] 25X1D	205623N 1065025E	0616	[REDACTED]	249-B1

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25X1A

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25X1D

TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HAI PHONG SAM SITE B30-2 (61) THE SITE IS UNOCCUPIED. [REDACTED]	[REDACTED]	205935N 1062114E	0616	[REDACTED]	310-F
HA NOI SAM SITE A11-2 (9) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FIVE OCCUPIED BY MISSILES ON LAUNCHERS) AND A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND AT LEAST FOUR VANS. OB -- 5 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, AND AT LEAST 4 VANS. 25X1D	[REDACTED]	210036N 1055550E	0616	[REDACTED]	114-I
HA NOI SAM SITE B26-2 (189) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	210149N 1053230F	0616	[REDACTED]	244-F
HA NOI SAM SITE A10-2 (14) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND AT LEAST TWO VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND AT LEAST 2 VANS. 25X1D	25X1A	210113N 1055849E	0616	[REDACTED]	114-K
HA NOI SAM STORAGE/ASSEMBLY & BKS GIA LAM IMMEDIATELY WNW OF THE HANOI/GIA LAM AIRFIELD AT UTM WF918264. THE AREA CONTAINS 28 BARRACKS, THREE ADMINISTRATION BUILDINGS, 11 MAINTENANCE BUILDINGS, ONE T-SHAPED MESSHALL, AND 15 SUPPORT/STORAGE BUILDINGS. THE INSTALLATION APPEARS TO BE UNOCCUPIED, IN DISUSE AND DISREPAIR WITH SEVERAL BUILDINGS PARTIALLY DISMANTLED. [REDACTED]	25X1D	210212N 1055300E	0616	[REDACTED]	114-A

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NPIC/R-95/68 25X1A

TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HOA BINH SAM SITE B04 A-2 (277) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED] 210324N 1053046E	0616	[REDACTED]	244-G2
HOA BINH SAM SITE B04-2 (247) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED] 210309N 1053128E	0616	[REDACTED]	244-G
HA NOI SAM SITE A29A-2 (261) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED] 210305N 1054730E	0616	[REDACTED]	244-G1
HA NOI SAM SITE A29-2 (4) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (ONE OCCUPIED BY A POSSIBLE MISSILE ON LAUNCHER AND FIVE UNOCCUPIED) AND A GUIDANCE AREA WITH OCCUPANCY UNDETERMINED. OB -- 1 POSSIBLE SA-2 MISSILE ON LAUNCHER. [REDACTED]	25X1D 25X1A	[REDACTED] 210421N 1054106E 25X1D	0616	[REDACTED]	462-J
HA NOI SAM SITE A31-2 (159) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (THREE OCCUPIED BY MISSILES ON LAUNCHERS AND THREE CLOUD COVERED) AND AN OCCUPIED REVETTED GUIDANCE AREA. OB -- 3 SA-2 MISSILES ON LAUNCHERS AND A GUIDANCE RADAR. [REDACTED]	25X1A	[REDACTED] 210443N 1054616E 25X1D	0616	[REDACTED]	112-M1
HA NOI SAM SITE A34A-2 (262) THE SITE IS UNOCCUPIED. [REDACTED]	25X1A	[REDACTED] 25X1D 210404N 1055014E	0616	[REDACTED]	112-M3
HA NOI SAM SITE A30-2 (267) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	[REDACTED] 210543N 1054417E	0616	[REDACTED]	112-Q6

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25X1A

25X1D

NPIC/R-95/68

TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HANOI SAM SITE A01B-2 (291) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	210600N 1055150E	0616	[REDACTED]	462-N
HA NOI SAM SITE B30B-2 (257) THE SITE IS UNOCCUPIED. [REDACTED]	[REDACTED]	210715N 1053904E	0616	[REDACTED]	462-M
HA NOI SAM SITE A32-2 (266) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY ONE GUIDANCE RADAR AND AT LEAST THREE ASSOCIATED VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND AT LEAST 3 ASSOCIATED VANS. [REDACTED]	25X1D	210739N 1054536E 25X1D	0616	[REDACTED]	112-05
HOA BINH SAM SITE B02-2 (237) [REDACTED]	25X1D	210818N 1052526E	0616	[REDACTED]	200-G
HA NOI SAM SITE C29A-2 (211) [REDACTED]	[REDACTED]	210810N 1052733E	0616	[REDACTED]	248-C
HA NOI SAM SITE B30A-2 (43) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FOUR OCCUPIED BY LAUNCHERS AND TWO UNOCCUPIED) AND A GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND AT LEAST ONE VAN. OB -- 4 LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AND AT LEAST 1 VAN. [REDACTED]	25X1D	210825N 1053541E 25X1D 25X1D	0616	[REDACTED]	248-B
HA NOI SAM SITE A01-2 (133) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND AT LEAST FOUR VANS. [REDACTED]	25X1A	210802N 1055145E 25X1D	0616	[REDACTED]	221-L

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25X1D

25X1D

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS		
			BE	NPIC	
AND AT LEAST 4 VANS. [REDACTED]					
HA NOI SAM SITE A05-2 (158) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR AND FIVE ASSOCIATED VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, A GUIDANCE RADAR, AND 5 ASSOCIATED VANS. [REDACTED]	25X1A	25X1A	210832N 1055834E	0616	375-A
HA NOI SAM SITE A33-2 (125) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	25X1A	210936N 1054607E	0616	523
HA NOI SAM SITE A01A-2 (242) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	25X1A	210915N 1055155E	0616	221-0
HA NOI SAM SITE B33-2 (64) [REDACTED]	25X1D	25X1A	211036N 1054404E	0616	411-A
HA NOI SAM SITE C30E-2 (114) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	25X1A	211150N 1052115E	0616	262-C
HA NOI SAM SITE C30A-2 (44) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	25X1A	211242N 1052156E	0616	389-A
HA NOI SAM SITE C30D-2 (92) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	25X1A	211208N 1053014E	0616	262-B
HA NOI SAM SITE C30-2 (7) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	25X1A	211301N 1052138E	0616	200-C

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NPIC/R-95/68

25X1A

TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HA NOI SAM SITE B34A-2 (234) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FOUR OCCUPIED BY MISSILES ON LAUNCHERS AND TWO UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR. OB -- 4 SA-2 MISSILES ON LAUNCHERS AND 1 GUIDANCE RADAR.	[REDACTED]	211329N 1054542E 25X1D	0616	[REDACTED]	411-C
[REDACTED]	25X1A				
HA NOI SAM SITE B36-2 (255) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FIVE OCCUPIED BY MISSILES ON LAUNCHERS AND ONE UNOCCUPIED) AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR. OB -- 5 SA-2 MISSILES ON LAUNCHERS AND 1 GUIDANCE RADAR.	[REDACTED]	211317N 1055013E 25X1D	0616	[REDACTED]	329
[REDACTED]	25X1A				
HA NOI SAM SITE D30-2 (293) THE SITE IS UNOCCUPIED.	25X1D	211430N 1052140E	0616	[REDACTED]	329-A1
[REDACTED]					
HA NOI SAM SITE C30C-2 (51) THE SITE IS UNOCCUPIED.	25X1D	211439N 1052329E	0616	[REDACTED]	200-E
[REDACTED]					
HA NOI SAM SITE B32-2 (146) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A REVETTED GUIDANCE AREA OCCUPIED BY A GUIDANCE RADAR AND AT LEAST FOUR ASSOCIATED VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 GUIDANCE RADAR, AND AT LEAST 4 ASSOCIATED VANS.	[REDACTED]	211457N 1053255E	0616	[REDACTED]	262-E
[REDACTED]	25X1D				

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25X1A

NPIC/R-95/68

TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HA NOI SAM SITE C32-2 (143) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	211915N 1053133F	0616	[REDACTED]	241-J
HA NOI SAM SITE D31-2 (8) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	212108N 1052204E	0616	[REDACTED]	378-A
YEN BAI SAM SITE C13-2 (208) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	212355N 1051720E	0616	[REDACTED]	378-D
HA NOI SAM SITE D31B-2 (29) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D	212355N 1052003E	0616	[REDACTED]	378-C
THAI NGUYEN POSSIBLE MISSILE TRAINING AREA [REDACTED]		213630N 1055536E	0616	[REDACTED]	242-0
HAI PHONG SAM SITE C30-2 (72) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (FOUR OCCUPIED BY MISSILES ON LAUNCHERS AND ONE PROBABLY OCCUPIED BY A MISSILE ON LAUNCHER), A REVVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE GUIDANCE RADAR AND FIVE ASSOCIATED VANS, AND AN ACQUISITION RADAR POSITION WHICH APPEARS TO BE UNOCCUPIED. OB -- 4 SA-5 MISSILES ON LAUNCHERS, 1 PROBABLE SA-2 MISSILE ON LAUNCHER, A PROBABLE GUIDANCE RADAR, AND 5 ASSOCIATED VANS. [REDACTED]	25X1D	210109N 1061905F	0616	[REDACTED]	370-B
HA NOI SAM SITE B09-2 (284) THE SITE CONSISTS OF FIVE UNREVVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND AN UNREVVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR. OB -- 5 SA-2 MISSILES ON LAUNCHERS AND A PROBABLE FAN SONG RADAR. [REDACTED]	25X1A	210220N 1060535E	0616	[REDACTED]	542-A
		25X1D			

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25X1D

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25X1A

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TARGET	25X1A	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
HA NOI SAM SITE C07-2 (30) THE SITE IS UNOCCUPIED. [REDACTED]	[REDACTED]	211634N 1061913E	0616	[REDACTED]	238-G
HA NOI SAM SITE C05-2 (62) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS (THREE OCCUPIED BY MISSILES ON LAUNCHERS AND THREE WITH POSSIBLE MISSILES ON LAUNCHERS), A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR AND AT LEAST THREE PROBABLE VANS, AND AN OCCUPIED ACQUISITION RADAR POSITION WEST OF THE SITE. OB -- 3 MISSILES ON LAUNCHERS, 3 POSSIBLE MISSILES ON LAUNCHERS, 1 PROBABLE FAN SONG RADAR, AT LEAST 3 PROBABLE VANS, AND AN ACQUISITION RADAR. [REDACTED]	[REDACTED]	211712N 1060554E 25X1D	0616	[REDACTED]	206-F
HA NOI SAM SITE C06-2 (32) THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS OCCUPIED BY MISSILES ON LAUNCHERS AND A GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR AND AT LEAST FIVE ASSOCIATED VANS. OB -- 6 SA-2 MISSILES ON LAUNCHERS, 1 FAN SONG RADAR, AND AT LEAST 5 ASSOCIATED VANS. [REDACTED]	[REDACTED]	211909N 1061516F 25X1D	0616	[REDACTED]	238-H
HA NOI SAM SITE C04A-2 (57) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D [REDACTED]	212042N 1060818E	0616	[REDACTED]	238-I
HAI PHONG SAM SITE D35-2 (89) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D [REDACTED]	212140N 1063040E	0616	[REDACTED]	397-E
HA NOI SAM SITE C05B-2 (171) THE SITE IS UNOCCUPIED. [REDACTED]	25X1D [REDACTED]	212205N 1061530E	0616	[REDACTED]	201-A

25X1D

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>--AIR INSTALLATIONS--</p> <p>HA NOI/BAC MAI AIRFIELD 2.1 NM SSW OF THE HANOI RAILROAD CLASSIFICATION YARD. 4,620 X 155-FOOT NW/SE SERVICEABLE CONCRETE RUNWAY WITH A PARALLEL NATURAL SURFACE TAXIWAY. FACILITIES INCLUDE THREE EARTH CROSSOVER LINKS, A LOOP TAXIWAY CONNECTING THE RUNWAY WITH THE HANGAR AREA, A PARKING APRON, AND A HANGAR APRON. SUPPORT FACILITIES NORTH OF THE FIELD INCLUDE ONE LARGE HANGAR, THREE MEDIUM HANGARS (DAMAGED OR BEING DISMANTLED), 18 BARRACKS, 30 SUPPORT/STORAGE BUILDINGS, TWO ADMINISTRATION BUILDINGS (ONE HEAVILY DAMAGED), ONE MESSHALL, ONE LARGE AUDITORIUM, AND 25 ADDITIONAL DESTROYED/DISMANTLED BUILDINGS. OB -- NONE OBSERVED.</p>	<p>25X1A</p> <p>205929N 1055012E</p> <p>25X1A</p> <p>25X1D</p>	<p>0616</p>	<p>[REDACTED]</p>	<p>112-E</p>
<p>[REDACTED]</p> <p>HAI PHONG/KIEN AN AIRFIELD 5 NM SW OF HAIPHONG. 5,900 X 90-FOOT NE/SW SERVICEABLE CONCRETE RUNWAY. THE FACILITIES INCLUDE A PARALLEL TAXIWAY WITH TWO END-CONNECTING AND TWO CROSSOVER LINKS, A PARKING APRON WITH FOUR AIRCRAFT REVETMENTS, AND FIVE REVETTED HARDSTANDS (TWO COVERED) AT THE NE END OF THE RUNWAY. AN AIRCRAFT DISPERSAL AREA CONSISTING OF 14 REVETTED HARDSTANDS AND 18 HARDSTANDS (FIVE WITH HANGARETTES) RECESSED IN THE BASE OF A HILL IS LOCATED IN THE SE PART OF THE AIRFIELD. THE MAJORITY OF STRUCTURES IN THE SUPPORT AREA HAVE BEEN DISMANTLED, HOWEVER, ONE LARGE PARTIALLY DISMANTLED MULTISTORY BUILDING AND 20 SMALLER BARRACKS AND SUPPORT BUILDINGS REMAIN. OB -- NONE.</p>	<p>25X1A</p> <p>204819N 1063643E</p> <p>25X1D</p>	<p>0616</p>	<p>25X1A</p>	<p>109-B</p>

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>[REDACTED] 25X1A</p> <p>HA NOI/GIA LAM AIRFIELD 2.3 NM NE OF HANOI. THE AIRFIELD CONTAINS TWO SERVICEABLE CONCRETE RUNWAYS. ONE IS 6,550 X 90- FEET NNE/SSW WITH A PARALLEL TAXIWAY, TWO END-CONNECTING AND TWO CROSSOVER LINKS, A PARKING APRON, 11 REVETTED HARDSTANDS, AND FIVE SHELTERED AIRCRAFT REVETMENTS. THE SECOND IS 5,175 X 250- FEET NW/SE WITH A PARALLEL TAXIWAY, ONE END-CONNECTING AND FIVE CROSSOVER LINKS, FOUR PARKING APRONS, AND 19 REVETTED HARDSTANDS/REVETMENTS. SUPPORT FACILITIES INCLUDE AN OPERATIONS/CONTROL BUILDING, ONE LARGE HANGAR, A PROBABLE POL STORAGE AREA, AND NUMEROUS SUPPORT BUILDINGS. UNIDENTIFIED CONSTRUCTION CONTINUES AT THE SSW END OF THE NNE/SSW RUNWAY. OB -- 2 FAGOT/FRESCO, 1 PROBABLE FAGOT/FRESCO, 1 POSSIBLE FAGOT/FRESCO, 1 COKE, 2 CRATE, 2 CAB, 2 COLT, 2 HOOK HELICOPTERS, 1 CAB FUSELAGE, AND 1 COLT FUSELAGE. (SEE ATTACHMENT 2) 25X1D</p> <p>[REDACTED]</p>	210220N 1055326E	0616	25X1A [REDACTED]	114
<p>HA NOI HELICOPTER DISPERSAL AREA 3.8 NM NW OF HANOI ON THE NORTH BANK OF THE RED RIVER FROM UTM WJ855325 TO WJ871318. NO FACILITIES ARE OBSERVED. 25X1D</p> <p>OB -- NONE.</p> <p>[REDACTED]</p>	210548N 1054955E	0616		112-Q4
<p>PHUC YEN AIRFIELD 5.8 NM ESE OF PHUC YEN. 9,150 X 220- FOOT ESE/WNW SERVICEABLE CONCRETE RUNWAY WITH A 1,200- FOOT OVERRUN AT EACH END. CRATERED AREAS ON THE RUNWAY HAVE BEEN REPAIRED. FACILITIES INCLUDE A PARALLEL CONCRETE TAXIWAY</p> <p>[REDACTED] 25X1A</p>	211315N 1054832E	0616	25X1A [REDACTED]	326-C

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>WITH THREE CONCRETE CROSSOVER LINKS (ONE ALERT RAMP ON EACH OF THE OUTER LINKS), TWO END-CONNECTING LINKS, AND TWO PARKING APRONS (ONE AT THE ESE END OF THE RUNWAY WITH SEVEN REVETTED HARDSTANDS, THREE WITH COVERINGS, AND THE SECOND AT THE WNW END OF THE RUNWAY WITH 11 REVETTED HARDSTANDS, TWO WITH COVERINGS).</p> <p>ADDITIONAL FACILITIES INCLUDE GCA AND ILS FACILITIES AND MARKER BEACONS. A SUPPORT AREA IMMEDIATELY NORTH OF THE FIELD CONTAINS A MULTISTORY CONTROL TOWER/OPERATIONS BUILDING, A LARGE HANGAR, AND APPROXIMATELY TEN STORAGE/SUPPORT BUILDINGS. AN AIRCRAFT DISPERSAL AREA AT THE ESE END OF THE RUNWAY CONTAINS EIGHT AIRCRAFT REVETMENTS AND AN AREA AT THE WNW END OF THE RUNWAY CONTAINS SIX REVETMENTS. A TAXIWAY, APPROXIMATELY 11,000 FEET LONG, EXTENDS NORTH FROM THE RUNWAY TO AN AIRCRAFT DISPERSAL AREA WITH 28 AIRCRAFT REVETMENTS OBSERVED THROUGH SCATTERED CLOUDS. A SECURED POL STORAGE AREA NNW OF THE RUNWAY CONTAINS SIX BURIED POL TANKS AND SEVEN SUPPORT BUILDINGS.</p> <p>OB -- 2 BEAGLE, 15 FISHBED, AND 4 PROBABLY DAMAGED/DESTROYED FAGOT/FRESCO.</p> <p>████████████████████ 25X1A</p>	25X1D			
<p>KEP AIRFIELD</p> <p>1 NM SW OF KEP.</p> <p>THE AIRFIELD CONSISTS OF TWO RUNWAYS. THE 7,100 X 150-FOOT NE/SW SERVICEABLE MAIN RUNWAY (INCLUDING A RECENTLY COMPLETED 1,200-FOOT EXTENSION AT THE SW END) HAS A PARALLEL PROBABLY UNSERVICEABLE TAXIWAY, ONE CROSSOVER AND ONE END-CONNECTING LINK, A PARKING APRON WITH FOUR AIRCRAFT REVETMENTS, AND A SECOND END-CONNECTING LINK AND A PARKING APRON UNDER CONSTRUCTION AT THE SW END OF THE RUNWAY. A PROBABLE 6,000 X 150-FOOT NW/SE RUNWAY IS BEING CONSTRUCTED BY WIDENING THE EXISTING SE TAXIWAY AND EXTENDING IT NW ACROSS THE MAIN RUNWAY. SIXTEEN AIRCRAFT REVETMENTS</p>	212410N 1061645E	0616	25X1A	211

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
(FOUR UNDER CONSTRUCTION) ARE DISPERSED AROUND THE SE END OF THIS NW/SE RUNWAY. TEN AIRCRAFT REVETMENTS ARE OBSERVED IN THE NW DISPERSAL AREA THROUGH SCATTERED CLOUDS. NUMEROUS STORAGE AND EQUIPMENT REVETMENTS ARE OBSERVED THROUGHOUT THE AIRFIELD AREA. CLEARING ACTIVITY IS IN PROGRESS AT BOTH ENDS OF THE NE/SW RUNWAY AND THE CANAL AT THE SW END OF THE RUNWAY IS BEING FILLED. OB -- 2 FISHBED, 1 PROBABLE FISHBED, AND 9 FAGOT/FRESCO (5 DESTROYED/DAMAGED).	25X1D			
[REDACTED] 25X1D				
--NAVAL ACTIVITY/PORTS--				
HAI PHONG NAVAL BASE			25X1A	
AT THE MOUTH OF THE SONG TRAM BACH RIVER, ON THE NW SIDE OF HAIPHONG, AND IMMEDIATELY EAST OF HAIPHONG SHIPYARD NO 4 DANCETTE, AT UTM XJ747077. THE BASE CONTAINS A GRAVING DOCK (APPROXIMATELY [REDACTED], THREE MARINE RAILWAYS, A LARGE ADMINISTRATION BUILDING, NUMEROUS SUPPORT BUILDINGS, A T-HEAD PIER AND FINGER PIER ON THE CUA CAM RIVER, AND AN APPROXIMATELY 210-FOOT WHARF ON THE WEST BANK OF THE SONG TRAM BACH. OB -- 1 S.O.1 SC IN GRAVING DOCK AND 1 S.O.1 SC AND 1 P-6 PT SUNK AT FINGER PIER. VESSELS -- 1 FLOATING DRYDOCK WITH 2 SMALL VESSELS.	205149N 1064032E	0616	[REDACTED]	109-E
[REDACTED]	25X1D			
[REDACTED]	25X1D			
[REDACTED]	25X1D			
DOAN XA NAVAL DISPERSAL FACILITY				
3.3 NM EAST OF HAIPHONG ON THE SOUTH BANK OF THE CUA CAM ESTUARY BETWEEN UTM XJ823060 AND XJ793079. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]	205122N 1064412E	0616		426-A
OB -- 2 PROBABLE POLUCHAT YP.	25X1D			
[REDACTED]	25X1D			

25X1D

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>LAM DONG NAVAL DISPERSAL FACILITY NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] THE MAJORITY OF THE SLIPS ARE EMPTY. A FEW SMALL RIVER CRAFT ARE USING SOME OF THE SLIPS FOR ANCHORAGE. VESSELS -- A FEW SMALL RIVER CRAFT. 25X1D [REDACTED]</p>	<p>205256N 1064845E 25X1D</p>	0616		536
<p>HAI PHONG ICE PLANT WHARF ON THE NE EDGE OF HAIPHONG, ON THE SOUTH BANK OF THE CUA CAM RIVER, AND AT THE EAST END OF HAIPHONG PORT FACILITY, AT UTM XJ770087. THE FACILITY CONSISTS OF A [REDACTED] OFFSHORE WHARF AND 12 BUILDINGS. OB -- 2 S.O.1 SC, 1 SWATOW PGM, FOUR 90-FOOT ARMED TRAWLERS, AND 1 POSSIBLE YP. VESSELS -- 2 GENERAL CARGO FREIGHTERS. 25X1D [REDACTED]</p>	<p>205212N 1064208E 25X1D</p>	0616		109-D2
<p>HA NOI PORT FACILITIES RED RIVER ON THE WEST BANK OF THE RED RIVER. AREA A (SOUTH OF LANG YEN, AT UTM XJ909228) -- TWO PIERS, ONE WITH AN OVERHEAD CRANE, AND COAL OFFLOADING FACILITIES WITH TWO COAL CONVEYORS. AREA B (AT UTM WJ929219) -- ONE RAIL-SERVED OFFLOADING WHARF, A ROAD-SERVED BARGE TRANSSHIPMENT POINT IMMEDIATELY SOUTH, AND A BARGE BUILDING FACILITY WITH FOUR MARINE RAILWAYS (TWO COVERED). TWO RAIL-SERVED TRANSSHIPMENT SLIPS ARE AT UTM WJ938211. VESSELS -- NUMEROUS RIVER CRAFT ARE NOTED THROUGHOUT THE AREA. [REDACTED] 25X1D</p>	<p>210048N 1055211E</p>	0616	25X1A [REDACTED]	112-S

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>--MILITARY INSTALLATIONS--</p> <p>NINH DUONG ARMY BARRACKS SW NGA MY 1.5 NM SOUTH OF NINH DUONG AT UTM WJ792072. THE AREA HAS BEEN SUBJECTED TO AIR STRIKE AND CONTAINS 40 BARRACKS, ONE ADMINISTRATION BUILDING, THREE MESSHALLS (ONE INTACT, ONE DAMAGED, AND ONE DESTROYED), THREE REVETTED STORAGE BUILDINGS, SEVEN OTHER STORAGE BUILDINGS (ONE DESTROYED), AND AN ATHLETIC FIELD.</p> <p>[REDACTED]</p>	<p>205151N 1054539E</p> <p>25X1D</p>	0616	25X1A [REDACTED]	265
<p>VAN TRAI MILITARY AREAS FOUR MILITARY INSTALLATIONS REFERENCED FROM VAN TRAI. AREA A (0.3 NM WEST AT UTM WJ883076) -- SECURED AREA CONTAINS SEVEN BARRACKS, THREE MULTIWINING ADMINISTRATION, AND THREE MISCELLANEOUS SUPPORT BUILDINGS (ADDITIONAL BUILDINGS PREVIOUSLY REPORTED HAVE BEEN DISMANTLED). AREA B (0.8 NM EAST AT UTM WJ899078) -- SECURED AREA CONTAINS 19 BARRACKS, TWO MESSHALLS, ONE FIELDHOUSE, AND FIVE SUPPORT BUILDINGS. BUILDINGS ARE DETERIORATED WITH NO REPAIRS OBSERVED. AREA C (0.8 NM ESE AT UTM WJ902073) -- SECURED AREA CONTAINS 15 BARRACKS, TWO ADMINISTRATION BUILDINGS, ONE MESSHALL, AND FOUR SMALL MISCELLANEOUS BUILDINGS. AREA D (0.6 NM EAST AT UTM WJ897074) -- TWO ADJACENT SECURED AREAS. SOUTH AREA CONTAINS SIX LARGE AND FIVE SMALL STORAGE BUILDINGS. NORTH AREA CONTAINS FIVE BARRACKS, ONE ADMINISTRATION, THREE LARGE STORAGE, AND FOUR SMALL SUPPORT BUILDINGS.</p> <p>[REDACTED]</p>	<p>205200N 1055200E</p> <p>25X1D</p>	0616		266-B
<p>THUONG DINH ARMY BARRACKS NORTH 0.7 NM NORTH OF THUONG DINH AT UTM WJ888118. THE AREA IS BEING DISMANTLED.</p> <p>[REDACTED]</p>	<p>205420N 1055121E</p> <p>25X1D</p>	0616	25X1A [REDACTED]	266

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
CHUC SON ARMY BARRACKS NORTH 1.3 NM WNW OF MAI LINH AT UTM WJ744150. THE AREA CONTAINS 84 BARRACKS, FIVE MESSHALLS, FIVE ADMINISTRATION BUILDINGS, AND TEN STORAGE/SUPPORT BUILDINGS. 25X1D OB -- 11 UNIDENTIFIED VEHICLES. 25X1D [REDACTED] 25X1D	205608N 1054250E	0616	[REDACTED]	256-C
HA DONG ARMY BARRACKS SW 2.5 NM SW OF HA DONG AND 0.9 NM ESE OF YEN LO AT UTM [REDACTED] THE AREA CONTAINS 19 BARRACKS, TWO MESSHALLS, FOUR ADMINISTRATION BUILDINGS, TEN SUPPLY/STORAGE BUILDINGS, FIVE SUPPORT BUILDINGS, TWO MAINTENANCE BUILDINGS (ONE WITH A SLIGHTLY DAMAGED ROOF), ONE REVETTED AMMUNITION STORAGE BUILDING, AND ONE WATCH/LOOKOUT TOWER. THE AREA APPEARS TO BE WELL MAINTAINED AND ACTIVE. 25X1D [REDACTED] 25X1D	205712N 1054505E	0616	[REDACTED]	256
HA DONG ARMY BARRACKS 0.9 NM WNW OF HA DONG AT UTM WJ789192. THE INSTALLATION CONTAINS NINE BARRACKS, 25 STORAGE/SUPPORT BUILDINGS, THREE MESSHALLS, TWO ADMINISTRATION BUILDINGS, SIX SMALL POSSIBLE AMMUNITION STORAGE BUILDINGS, AND APPROXIMATELY 20 MISCELLANEOUS BUILDINGS AND SHEDS. NO ACTIVITY IS OBSERVED IN THE AREA. 25X1D [REDACTED] 25X1D	205823N 1054623E	0616	[REDACTED]	256-B
HA NOI BARRACKS AREA GIAP LUC 1 NM SOUTH OF HANOI AT UTM WJ887200. THE FACILITY CONSISTS OF THREE AREAS. AREA A -- BARRACKS AREA, SERVED BY ROUTE 1A AND SUBJECTED TO AIR STRIKES, CONTAINS 56 BARRACKS (THREE DAMAGED), ONE MESSHALL, AND 46 SUPPORT BUILDINGS (THREE DAMAGED). AREA B -- STORAGE AREA CONTAINS TEN STORAGE AND NINE	205850N 1055115E	0616	[REDACTED]	112-E2

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
SUPPORT BUILDINGS. AREA C -- ADMINISTRATION AREA CONTAINS EIGHT ADMINISTRATION AND 16 SUPPORT BUILDINGS. [REDACTED]				
DAI MO ARMY BARRACKS WSW TWO AREAS IN THE VICINITY OF HANOI. AREA A (7.3 NM WSW OF HANOI RAILROAD CLASSIFICATION YARD AND 1.3 NM WSW OF DAI MO AT UTM WJ760218) -- NINE BARRACKS, 25 STORAGE, AND 16 SUPPORT BUILDINGS. AREA B (0.4 NM SOUTH OF AREA A) -- FOUR BARRACKS, ONE ADMINISTRATION, AND SEVERAL SMALL BUILDINGS. [REDACTED]	25X1D 205950N 1054353E 25X1D 25X1D	0616	25X1A [REDACTED]	256-E
HA NOI ARMY BARRACKS BAC MAI AIRFIELD AT THE NW CORNER OF THE RUNWAY AT THE HANOI/BAC MAI AIRFIELD. THE INSTALLATION CONTAINS 16 BARRACKS, SEVEN ADMINISTRATION BUILDINGS, TWO MESSHALLS, 24 SUPPLY/STORAGE BUILDINGS, AND AT LEAST 20 SMALL SUPPORT BUILDINGS. ALL OTHER PREVIOUSLY REPORTED BUILDINGS HAVE BEEN DISMANTLED. [REDACTED]	25X1D 205958N 1054930E 25X1D	0616	[REDACTED]	112-G
HA NOI BARRACKS AREA BAC MAI IMMEDIATELY SE OF THE BAC MAI AIRFIELD AND EXTENDING NORTH AND SOUTH ALONG ROUTE 1A FROM UTM WJ876208. THE INSTALLATION CONSISTS OF TWO ADJACENT WALLED BARRACKS AREAS, BOTH OF WHICH HAVE SUSTAINED HEAVY DAMAGE FROM NUMEROUS AIR STRIKES. AREA A (SOUTHERNMOST AREA) -- 11 LARGE MULTISTORY AND TEN SINGLE-STORY BARRACKS AND ONE SUPPORT BUILDING. ALL BUILDINGS, EXCEPT THE MULTISTORY BARRACKS, ARE LIGHT-TO-HEAVILY DAMAGED. THE MULTISTORY BARRACKS REMAIN IN GOOD CONDITION. ALL OTHER PREVIOUSLY REPORTED BUILDINGS HAVE BEEN DESTROYED OR REDUCED TO UNUSEABLE SHELLS. AREA B (NORTHERNMOST AREA) -- 30 BARRACKS, THREE	25X1D 205920N 1055035E 25X1D	0616	[REDACTED]	112-F

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
MESSHALLS, AND TEN SUPPORT BUILDINGS. THE INSTALLATION DOES NOT APPEAR TO BE OCCUPIED. [REDACTED]	25X1A			
TRA LY ARMY BARRACKS 0.5 NM WSW OF TRA LY ON THE SOUTH BANK OF THE CUA TRA LY RIVER AT UTM XH588604. THE SECURED AREA CONTAINS NINE BARRACKS, THREE H-SHAPED ADMINISTRATION/SUPPORT, ONE TWO-STORY ADMINISTRATION, AND THREE SUPPORT BUILDINGS. ALL OTHER BUILDINGS HAVE BEEN DESTROYED OR DISMANTLED. [REDACTED]	202614N 1063122E 25X1D	0616	[REDACTED]	435
HUNG YEN ARMY BARRACKS 1.5 NM NORTH OF HUNG YEN AT UTM XA110860. THE TWO FENCED AREAS CONTAIN A TOTAL OF 27 BARRACKS, ONE U-SHAPED ADMINISTRATION BUILDING, ONE E-SHAPED ADMINISTRATION BUILDING, TWO MESSHALLS, AND 20 STORAGE/SUPPORT BUILDINGS. [REDACTED]	204018N 1060400E 25X1D	0616	[REDACTED]	362
HAI PHONG ARMY BARRACKS KIEN AN 3.8 NM SW OF HAIPHONG AND 1.5 NM ENE OF THE HAIPHONG/KIEN AN AIRFIELD AT UTM WJ705023. THE AREA CONTAINS 13 BARRACKS (SIX APPARENTLY DISMANTLED), TWO MESSHALLS, AND 15 SUPPORT BUILDINGS. [REDACTED]	204900N 1063805E 25X1D	0616	[REDACTED]	109-F
HAI PHONG ARMY BARRACKS NORTH 2 NM NORTH OF HAIPHONG AT UTM XJ750107. THE AREA CONTAINS 15 BARRACKS (TEN WITHOUT ROOFS), ONE ADMINISTRATION BUILDING, ONE MESSHALL, TWO LARGE SUPPORT BUILDINGS, AND TWO SMALL ROOFLESS SUPPORT BUILDINGS. TRACK ACTIVITY INDICATES THAT INTACT BUILDINGS MAY STILL BE IN USE. [REDACTED]	205352N 1064100E 25X1D	0616	[REDACTED]	109-J

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>HA NOI AREA ARMY BARRACKS WEST YEN LANG THE INSTALLATION CONSISTS OF FOUR SEPARATE AREAS IN THE WESTERN SECTOR OF HANOI AND 14 NM SSE OF PHUC YEN. AREA A (AT UTM WJ837250) -- BARRACKS AREA CONTAINING 30 BARRACKS, ONE LARGE ADMINISTRATION BUILDING, EIGHT STORAGE BUILDINGS, 20 SMALLER SUPPORT BUILDINGS, AND ONE SMALL OPEN STORAGE AREA CONTAINING NUMEROUS BOXES/CRATES. AT LEAST 12 CARGO TRUCKS ARE PARKED WITHIN THE AREA. AREA B (AT UTM WJ844252) -- BARRACKS AREA CONTAINING 28 BARRACKS, TWO ADMINISTRATION BUILDINGS, 16 SMALLER STORAGE/SUPPORT BUILDINGS, AND ONE RECTANGULAR TRAINING/EXERCISE FIELD. ONE CARGO TRUCK IS PARKED WITHIN THE AREA. AREA C (AT UTM WJ842245) -- BARRACKS AREA CONTAINING 23 BARRACKS, SIX ADMINISTRATION BUILDINGS, TWO LARGE PROBABLE VEHICLE MAINTENANCE BUILDINGS, TWO MESSHALLS, 25 SMALL STORAGE/SUPPORT BUILDINGS, AND ONE LARGE UNIDENTIFIED SQUARE BUILDING. AT LEAST 30 CARGO TRUCKS ARE PARKED WITHIN THE AREA. AREA D (AT UTM WJ844244) -- WEATHER/COMMUNICATIONS AREA CONTAINING ONE SMALL WEATHER/COMMUNICATIONS STATION, ONE LARGE TOWER, AND FOUR SMALL SUPPORT BUILDINGS. OB -- AT LEAST 43 CARGO TRUCKS.</p>	<p>210126N 1054917E</p> <p>25X1D</p> <p>25X1D</p>	<p>0616</p>	<p>[REDACTED]</p> <p>25X1A</p>	<p>112-I</p>
<p>YEN SO BARRACKS AREA 0.4 NM WSW OF YEN SO AT UTM WJ702263. SEVEN BARRACKS, ONE ADMINISTRATION BUILDING, ONE MESSHALL, FOUR STORAGE/SUPPORT BUILDINGS, AND AN ATHLETIC FIELD ARE OBSERVED THROUGH SCATTERED CLOUDS. TRENCHING IS OBSERVED THROUGHOUT THE AREA.</p>	<p>210225N 1054032E</p> <p>25X1D</p>	<p>0616</p>	<p>[REDACTED]</p> <p>25X1A</p>	<p>462-G</p>
<p>HA NOI ARMY BARRACKS WNW MAI DICH 1 NM WEST OF MAI DICH AND ADJACENT TO THE HANOI SUPPLY DEPOT WNW AT UTM WJ794267.</p>	<p>210230N 1054550E</p>	<p>0616</p>	<p>[REDACTED]</p>	<p>462-A1</p>

25X1D

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>THE FACILITY CONTAINS 17 BARRACKS, THREE ADMINISTRATION BUILDINGS, ONE MESSHALL, AND EIGHT STORAGE/SUPPORT BUILDINGS.</p> <p>[REDACTED]</p>	210225N 1054816E	0616		112-R1
<p>HA NOI MILITARY AREA 2.5 NM NW OF THE HANOI RAILROAD CLASSIFICATION YARD. THE INSTALLATION CONTAINS EIGHT LARGE MULTISTORY BARRACKS, FIVE SMALL TWO-STORY BARRACKS, TWO LARGE ADMINISTRATION BUILDINGS, SIX MAINTENANCE BUILDINGS, ONE MESSHALL, THREE LARGE IRREGULARLY SHAPED BUILDINGS, FIVE STORAGE/SUPPORT BUILDINGS, AND FIVE GROUND SCARS WHERE BUILDINGS HAVE BEEN DISMANTLED. THE TARGET APPEARS TO BE ACTIVE. 25X1D OB -- 19 CARGO TRUCKS.</p> <p>[REDACTED] 25X1D</p>	210210N 1055045E	0616	25X1A	112-A
<p>HA NOI MIN OF NAT DEF ARMY & AREA CAPITAL HQ IN THE CENTER OF HANOI AT UTM WJ878262. APPROXIMATELY 90 PERCENT OF THE TARGET IS CLOUD COVERED. NO DAMAGE TO THE TARGET OR ANY UNUSUAL ACTIVITY IS NOTED IN THE CLOUD-FREE AREA.</p> <p>[REDACTED] 25X1D</p>	210315N 1053105E	0616		244-A
<p>SON DONG ARMY BARRACKS AND SCHOOL</p> <p>[REDACTED] 25X1D</p>	210348N 1054325E	0616		462-C
<p>DAN HOI ARMY BARRACKS SOUTH 1 NM SE OF DAN HOI AT UTM WJ751291. TWENTY-TWO BARRACKS, FIVE ADMINISTRATION BUILDINGS, SEVEN STORAGE BUILDINGS, 12 SUPPORT BUILDINGS, FOUR MESSHALLS, SIX SMALL BUILDINGS, AND AN ATHLETIC FIELD ARE OBSERVED THROUGH SCATTERED CLOUDS.</p> <p>[REDACTED] 25X1D</p>	210421N 1054640E	0616		112-M
<p>HA NOI ARMY BARRACKS NNW THUY PHUONG 4.8 NM NW OF THE HANOI RAILROAD CLASSIFICATION YARD AT UTM WJ808302.</p>				

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
THE FENCED INSTALLATION CONTAINS 56 BARRACKS, THREE ADMINISTRATION BUILDINGS, 11 STORAGE BUILDINGS, 33 SUPPORT BUILDINGS, AND AN ATHLETIC FIELD. OB -- 3 PROBABLE CARGO TRUCKS AND 6 UNIDENTIFIED VEHICLES. [REDACTED]	25X1D		25X1A	
HUNG HOA MILITARY AREA 0.5 NM NNE OF PHU NHIEU AND 1 NM EAST OF PHU HUU AT UTM WJ370470. THE AREA CONTAINS 26 BARRACKS, FOUR MESSHALLS, ONE ADMINISTRATION BUILDING, THREE AMMUNITION STORAGE BUILDINGS, AND 14 SUPPORT BUILDINGS AND SHEDS. [REDACTED]	211331N 1052122E 25X1D	0616	[REDACTED]	389
PHUC YEN ARMY BARRACKS THREE AREAS REFERENCED FROM PHUC YEN. AREA A (0.8 NM SOUTH AT UTM WJ734474) -- SECURED AREA CONTAINING NINE BARRACKS, ONE ADMINISTRATION, AND FIVE SUPPORT BUILDINGS. AREA B (1.2 NM SE AT UTM WJ742462) -- SECURED AREA CONTAINING FOUR TWO-STORY BARRACKS, TWO ADMINISTRATION (ONE C-SHAPED), NINE SUPPORT, AND SEVEN OTHER BUILDINGS. AREA C (1.3 NM SSE AT UTM WJ743461) -- CLOUD COVERED. [REDACTED]	211300N 1054252E 25X1D	0616	[REDACTED]	326-B
HUNG HOA ARMY BARRACKS AND SUPPLY DEPOT IN HUNG HOA AT UTM WJ309501. THE AREA CONTAINS SEVEN BARRACKS, ONE ADMINISTRATION BUILDING, TWO MESSHALLS/BARRACKS, 28 STORAGE BUILDINGS, AND TEN MISCELLANEOUS BUILDINGS. [REDACTED]	211515N 1051755E 25X1D	0616	[REDACTED]	385
MY KHE MILITARY AREAS [REDACTED]	25X1D 212045N 1054100E	0616	[REDACTED]	241-F

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
HUU THU TRAINING SITE 2.8 NM EAST OF HUU THU. THE TARGET IS 60 PERCENT CLOUD COVERED, HOWEVER, THE AREA OBSERVED APPEARS TO BE ACTIVE. [REDACTED] 25X1D	212200N 1054000E	0616		321-A
MAT SON BARRACKS AREA 0.8 NM NE OF MAT SON AT UTM XJ446347. THE AREA CONTAINS EIGHT BARRACKS, ONE ADMINISTRATION, AND FIVE SUPPORT BUILDINGS. THE AREA APPEARS TO BE ACTIVE. [REDACTED]	210634N 1062338E 25X1D	0616		302-A1 25X1A
DONG TRIEU ARMY BKS NORTHEAST TRAI SUU 3.4 NM NE OF DONG TRIEU AT UTM XJ600357. APPROXIMATELY 19 BUILDINGS REMAIN. ALL OTHER BUILDINGS HAVE BEEN DISMANTLED. [REDACTED] 25X1D	210700N 1063227E	0616	[REDACTED]	263
TRAI THON ARMY BARRACKS 1 NM NE OF TRAI THON AT UTM XJ196600. THE BARRACKS AREA HAS BEEN SUBJECTED TO AIR STRIKES. SEVEN BARRACKS (TWO WITH ROOF DAMAGE AND THREE PROBABLY DAMAGED), 11 ADMINISTRATION/SUPPORT BUILDINGS (THREE UNDAMAGED), AND ONE DAMAGED MESSHALL REMAIN. NO ACTIVITY IS OBSERVED IN THE AREA. [REDACTED]	212023N 1060901E 25X1D	0616		238-E
CHU NGUYEN MILITARY CAMPS IN THE VICINITY OF CHU NGUYEN. THE AREA CONSISTS OF TWO APPARENTLY ABANDONED CAMPS. CAMP A (AT UTM XJ315620) -- HAS BEEN SUBJECTED TO AIR STRIKE. TWELVE BUILDINGS ARE DESTROYED AND EIGHT BUILDINGS ARE PARTIALLY DISMANTLED. NO BUILDINGS REMAIN INTACT. CAMP B (AT UTM XJ312634) -- HAS BEEN SUBJECTED TO AIR STRIKE. SIX BUILDINGS ARE DESTROYED, TEN BUILDINGS	212145N 1061600E	0616		201

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
BUILDING, ONE MESSHALL, AND 18 SUPPORT BUILDINGS. LIGHT VEHICLE TRACK ACTIVITY IS OBSERVED. [REDACTED] 25X1D				
SON DONG STORAGE AREA 0.8 NM NW OF SON DONG AT UTM XH361878. THE ROAD-SERVED AREA APPEARS TO BE SECURED BY A FENCE, IS RECTANGULAR IN SHAPE, AND CONSISTS OF 36 STORAGE BUILDINGS AND ONE SUPPORT BUILDING. [REDACTED] 25X1D	204110N 1061825E	0616		393-B
HAI PHONG ORDNANCE DEPOT KIEN AN 0.7 NM SE OF THE HAIPHONG/KIEN AN AIRFIELD AT UTM XJ688005. THE AREA CONTAINS APPROXIMATELY 80 EARTH REVETMENTS ALONG A LOOP ROAD NETWORK. THE REVETMENTS APPEAR TO BE OVERGROWN AND NOT IN USE. THE ROAD NETWORK REMAINS INTACT. [REDACTED] 25X1D	204805N 1063830E	0616	25X1A	260-B
HAI PHONG AMMUNITION DEPOT KIEN AN SW PUG 3.8 NM SW OF HAIPHONG AND 1.5 NM ENE OF THE HAIPHONG/KIEN AN AIRFIELD AT UTM XJ707016. THE AREA IS CRATERED AND APPEARS TO BE ABANDONED. ALL STORAGE BUILDINGS ARE DAMAGED OR DESTROYED AND THE AREA IS OVERGROWN. [REDACTED] 25X1D	204832N 1063824E	0616		109-G
HAI PHONG ARMY BARRACKS SE CAT BI 2 NM SE OF HAIPHONG AT UTM XJ780038. THE INSTALLATION CONSISTS OF THREE AREAS WITH NUMEROUS DISMANTLED BUILDINGS. AREA A -- 26 BARRACKS AND 15 STORAGE/SUPPORT BUILDINGS REMAIN. AREA B -- A PROBABLE HOSPITAL AREA CONTAINS NINE INTERCONNECTED BUILDINGS, FOUR INTERCONNECTED HOSPITAL-TYPE BUILDINGS, TWO ADMINISTRATION BUILDINGS, AND 15 STORAGE/SUPPORT BUILDINGS.	204942N 1064206E	0616		109-A2

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NPIC/R-95/68

25X1D	TARGET	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
	<p>AREA C -- 25 STORAGE/SUPPORT BUILDINGS REMAIN.</p> <p>[REDACTED]</p>				
	<p>HA NOI MILITARY STORAGE AREA PHU THI 7 NM EAST OF THE HANOI RAILROAD CLASSIFICATION YARD AT UTM XJ005230. A LARGE FENCED AREA CONTAINS 33 WAREHOUSE-TYPE BUILDINGS (ONE VENTED), 20 OTHER BUILDINGS, AND LIMITED OPEN STORAGE. A SECOND FENCED AREA CONTAINS SIX WAREHOUSE-TYPE AND NINE OTHER BUILDINGS.</p> <p>[REDACTED]</p>	<p>210025N 1055800E</p> <p>25X1D</p>	0616	25X1A	499
	<p>HA NOI STORAGE DEPOT CO BI 4.2 NM EAST OF THE HANOI RAILROAD STATION CLASSIFICATION YARD AND SHOPS. THE DEPOT CONSISTS OF SIX AREAS. AREA A -- SECURED STORAGE AREA CONSISTS OF FOUR LARGE WAREHOUSE-TYPE AND NINE SUPPORT BUILDINGS. AREA B -- SECURED STORAGE AREA ADJACENT TO AREA A CONSISTS OF ONE TWO-STORY PROBABLE BARRACKS, FOUR PROBABLE STORAGE BUILDINGS, SEVEN SUPPORT BUILDINGS, AND A WATER TOWER. AREA C -- UNSECURED AREA EAST OF AREAS A AND B CONSISTS OF FIVE MULTISTORY BARRACKS, ONE MULTISTORY H-SHAPED PARTIALLY DISMANTLED ADMINISTRATION BUILDING, ONE AUDITORIUM, ONE MESSHALL, AND NINE GROUND SCARS WHERE SUPPORT BUILDINGS HAVE BEEN DISMANTLED. AREA D -- SECURED VEHICLE STORAGE AREA WEST OF AREAS A AND B CONSISTS OF TWO VEHICLE SHEDS, ONE VEHICLE MAINTENANCE SHED, ONE REVETTED BUILDING, TWO SUPPORT BUILDINGS, AND THREE SMALL SHEDS. AREA E -- SECURED BARRACKS AND STORAGE AREA ADJACENT TO AREA D CONSISTS OF ONE BARRACKS, TWO STORAGE, AND 15 ADMINISTRATION/SUPPORT BUILDINGS. UNIDENTIFIED MATERIALS ARE OBSERVED IN OPEN STORAGE. AREA F -- SECURED EXPLOSIVES STORAGE AREA ADJACENT TO AREAS D AND E CONSISTS OF ONE REVETTED STORAGE AND</p>	<p>210148N 1055548E</p>	0616		114-B

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>ONE SMALL SUPPORT BUILDING. [REDACTED] 25X1D</p>	25X1A			
<p>SON DONG STORAGE 0.8 NM NW OF SON DONG AT UTM WJ524317. THE AREA CONSISTS OF TWO MULTISTORY U-SHAPED BUILDINGS, ONE MULTISTORY ADMINISTRATION BUILDING, 17 STORAGE BUILDINGS, 14 SMALL STORAGE/SUPPORT BUILDINGS, AND ONE LARGE SINGLE-STORY BUILDING UNDER CONSTRUCTION. [REDACTED]</p>	210508N 1053015E	0616	[REDACTED]	244-C
<p>HA NOI DEPOT ENGINEER YEN VIEN 5 NM NE OF HANOI AT UTM WJ948320. THE DEPOT CONSISTS OF TWO PROBABLE ADMINISTRATION BUILDINGS, NINE WAREHOUSES, SIX STORAGE/SUPPORT BUILDINGS, AND ONE VEHICLE SHED. TWO ADDITIONAL BUILDINGS ARE BEING DISMANTLED. [REDACTED]</p>	210510N 1055435E	0616		114-M
<p>AI MO WAREHOUSE AREA ON THE NE EDGE OF AI MO AT UTM WJ945319. THE AREA CONTAINS FIVE WAREHOUSES AND EIGHT SMALLER STORAGE/SUPPORT BUILDINGS. [REDACTED] 25X1D</p>	210515N 1055450E	0616		407-D
<p>KINH NO MV REPAIR PLANT CUONG NO 1 NM SE OF NGUYEN KHE. THE PLANT CONSISTS OF TWO AREAS. AREA A (AT UTM WJ893393) -- HAS SUSTAINED HEAVY BOMB DAMAGE DUE TO REPEATED AIR STRIKES. THREE MONITOR-ROOFED BUILDINGS AND ONE SMALL GARAGE-TYPE BUILDING REMAIN INTACT. AREA B (AT UTM WJ898390) -- IS PARTIALLY CLOUD COVERED. ELEVEN BARRACKS AND FOUR MODERATELY DAMAGED SUPPORT BUILDINGS ARE OBSERVED IN CLOUD-FREE AREAS. [REDACTED]</p>	210910N 1055145E	0616	[REDACTED]	221-F
	25X1D			
	25X1D			

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
VINH YEN AMMUNITION DEPOT 2 NM EAST OF VINH YEN AT UTM WJ658561. THE INSTALLATION CONTAINS 22 SECURED REVETTED AMMUNITION STORAGE, TWO POSSIBLE CHEMICAL/EXPLOSIVES STORAGE, AND FOUR SUPPORT BUILDINGS. [REDACTED]	211835N 1053805E 25X1D	0616	[REDACTED]	241-E
DONG TRIEU ARMY BARRACKS NW 3.2 NM NNW OF DONG TRIEU AT UTM XJ568373. THE INSTALLATION CONSISTS OF TWO AREAS CONTAINING A TOTAL OF 26 BARRACKS, NINE ADMINISTRATION, AND SEVEN MISCELLANEOUS BUILDINGS, TWELVE BARRACKS, TWO MESSHALLS, AND APPROXIMATELY FIVE STORAGE BUILDINGS HAVE BEEN DISMANTLED. [REDACTED]	210740N 1063020E 25X1D	0616	[REDACTED]	263-A
CAM LY AMMUNITION DEPOT 2.6 NM ESE OF CAM LY AT UTM XJ454465. THE DEPOT HAS BEEN SUBJECTED TO AIR STRIKES. ALL BUILDINGS ARE HEAVILY DAMAGED OR DESTROYED. NO RECONSTRUCTION ACTIVITY IS OBSERVED. THE AREA IS PROBABLY ABANDONED. [REDACTED]	211258N 1062415E 25X1D	0616	[REDACTED]	496
BAC GIANG AMMUNITION DEPOT 3.8 NM NW OF BAC GIANG AT UTM XJ189563. THE SECURED AREA CONTAINS EIGHT LARGE REVETTED STORAGE BUILDINGS (ONE PARTIALLY DISMANTLED), THREE PROBABLE STORAGE BUILDINGS, AND FIVE BUNKERS IN THE HILLSIDE. OB -- 6 PROBABLE CARGO TRUCKS. [REDACTED]	211825N 1060855E 25X1D 25X1D	0616	[REDACTED]	238-F
QUANG YEN TRANSSHIPMENT POINT SONG CHANH ON THE SOUTH EDGE OF QUANG YEN AT UTM XJ877158. THE SMALL RIVER PORT CONSISTS OF AT LEAST 24 STORAGE BUILDINGS, A FERRY LANDING, AND A LANDING CRAFT RAMP.	205600N 1064850E	0616	[REDACTED]	249-E

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NO FOREIGN DISSEM

25X1D

Approved For Release 2000/06/30 : CIA-RDP78B04560A006400010024-2

NO FOREIGN DISSEM

25X1A

NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>[REDACTED]</p> <p>NHU Y TRUNG TRANSSHIPMENT POINT SONG DA BACH 8.5 NM NNE OF HAIPHONG AND 2.3 NM SSE OF ROUTE 18, AT UTM XJ797227. THE FACILITY, SERVED BY AN IMPROVED CAUSEWAY, CONSISTS OF SIX BUILDINGS, A GANTRY CRANE ON RAILS, A QUAY, AND A POWER TRANSMISSION TOWER. PROBABLE CONSTRUCTION MATERIAL IS OBSERVED IN THE PORT AREA AND A [REDACTED] IS IMMEDIATELY EAST.</p>	<p>205952N 1064351E</p> <p>25X1D</p> <p>25X1D</p>	0616	[REDACTED]	249-D
<p>PORT REDON COASTAL TRANSSHIPMENT POINT ON THE EAST SHORE OF THE SONG DA BACH RIVER AT UTM XJ840218. THE TRANSSHIPMENT POINT HAS BEEN SUBJECTED TO AIR STRIKES. THREE RAIL SPURS ON THE WHARF APPEAR TO BE SERVICEABLE. ONLY LIGHT ACTIVITY IS OBSERVED. THE FACILITY APPEARS TO BE IN LIMITED USE. THE RAIL LINE TO UONG BI APPEARS SERVICEABLE. ACTIVITY -- 7 RAIL CARS ON SIDING BEHIND WHARF. VESSELS -- 1 SMALL RIVER CRAFT AT WHARF.</p>	<p>205915N 1064605E</p> <p>25X1D</p>	0616	[REDACTED]	408-A
<p>KINH NO MILITARY INSTALLATION 1.6 NM SSW OF KINH NO AND 5.6 NM NORTH OF HANOI AT UTM WJ891358. THE INSTALLATION CONTAINS 15 BARRACKS/SUPPORT AND FOUR MULTISTORY ADMINISTRATION/SUPPORT BUILDINGS.</p>	<p>210730N 1055134E</p> <p>25X1D</p> <p>25X1D</p>	0616	[REDACTED]	221-H
<p>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 XJ729254. THE FACILITIES CONSIST OF TWO SIDE-LAUNCHING BUILDING WAYS, A SMALL WHARF CAPABLE OF BERTHING ONE BARGE, AND SIX SHOPS/SUPPORT BUILDINGS.</p>	<p>210121N 1063954E</p> <p>25X1D</p>	0616	[REDACTED]	309-C

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
HA CHIEU TRANSHIPMENT POINT SONG DA BACH 0.5 NM NE OF HA CHIEU, ON THE NORTH BANK OF THE SONG HA RIVER, AT UTM XJ653281. THE SOUTHERN TERMINUS OF A MINING RAILWAY CONTAINS THREE PIERS WITH COAL CONVEYORS, SIX SMALL BUILDINGS, AND A LARGE OPEN STORAGE AREA. VESSELS -- 3 STEEL CARGO BARGES AND 5 SMALL RIVER CRAFT. [REDACTED]	210200N 1063516E	0616	[REDACTED]	370-F
[REDACTED] 25X1D				
VAN LOI VEHICLE PARKS [REDACTED]	210145N 1053245E	0616	[REDACTED]	244-E
[REDACTED] 25X1D			25X1A	
--ELECTRONICS/COMMUNICATIONS-- [REDACTED]				
CHUC SON AIR WARNING RADAR FACILITY [REDACTED]	205620N 1054255E	0616	[REDACTED]	256-M
[REDACTED] 25X1D				
HA DONG RADIO COMMUNICATIONS STATION [REDACTED]	205818N 1054618E	0616	[REDACTED]	256-B3
[REDACTED] 25X1D 25X1D				
HOA LAC AIRFIELD ILS COMPONENT 3.1 NM SE OF THE SE END OF THE HOA LAC AIRFIELD AT UTM WJ571208. THE SITE CONSISTS OF A REVETTED PROBABLE VAN TRUCK AND A REVETTED PROBABLE TRAILER. THE SITE IS ALIGNED WITH THE MAIN RUNWAY AND IS A COMPONENT, POSSIBLY AN OUTER MARKER BEACON, OF THE ILS AT HOA LAC AIRFIELD. [REDACTED]	205916N 1053256E	0616	[REDACTED]	244-D1
[REDACTED] 25X1D			25X1A	
HA DONG AW/GCI RADAR FACILITY 6.5 NM WSW OF HANOI AT UTM WJ759219. THE FACILITY IS UNOCCUPIED. [REDACTED]	205948N 1054347E	0616	[REDACTED]	256-I
[REDACTED] 25X1D				
[REDACTED] 25X1D				

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
HA NOI/BAC MAI AW/GCI RADAR FACILITY AT THE HANOI/BAC MAI AIRFIELD AT UTM WJ869215. THE FACILITY IS UNOCCUPIED. ONLY THREE SMALL PERMANENT BUILDINGS BADLY IN NEED OF REPAIR REMAIN. [REDACTED] 25X1D	205928N 1055005E	0616	[REDACTED] 25X1A	112-E1
XOM NGOAI AIR WARNING RADAR FACILITY 13.9 NM NW OF NAM DINH AT UTM XH087786. THE FACILITY IS UNOCCUPIED. [REDACTED] 25X1D	203618N 1060234E	0616		392-D
NGHI DUONG AW/GCI RADAR FACILITY 8.6 NM SSW OF HAIPHONG IN NGHI DUONG AT UTM XH700931. THE FACILITY IS UNOCCUPIED. [REDACTED] 25X1D	204354N 1063757E	0616		371-I 25X1A
HAI PHONG AW/GCI FACILITY 6.4 NM SOUTH OF HAIPHONG AT UTM XH758959. THE FACILITY IS UNOCCUPIED. [REDACTED] 25X1D	204520N 1064121E	0616	[REDACTED]	371-G
THUONG CHE/HONG CAU AW/GCI RADAR FACILITY ON THE SW EDGE OF HONG CAU AT UTM XJ063177. THE FACILITY CONSISTS OF TWO UNOCCUPIED RADAR MOUNDS. [REDACTED] 25X1D	205727N 1060118E	0616		310-A1
HOA LAC AW/GCI RADAR FACILITY 6 NM ESE OF THE HOA LAC AIRFIELD AT UTM WJ630227. THE FACILITY IS UNOCCUPIED. [REDACTED] 25X1D	210019N 1053612E	0616		247-A
NHAN MY AW/GCI RADAR FACILITY 1 NM WNW OF NHAN MY AND 3.8 NM WEST OF THE HANOI RAILROAD YARDS AT UTM WJ789249. THE FACILITY IS UNOCCUPIED. [REDACTED] 25X1D	210133N 1054534E	0616		462-B2

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			BE	NPIC
<p>HANOI VEHICLE & RADAR MAINTENANCE FACILITY 5.1 NM WNW OF HANOI AND ADJACENT TO THE HANOI ARMY BARRACKS WNW MAI DICH AT UTM WJ892270. THE FACILITY CONTAINS FOUR LARGE VEHICLE MAINTENANCE BUILDINGS, ONE SAW-TOOTHED-ROOF PROBABLE ELECTRONICS REPAIR BUILDING, EIGHT VEHICLE SHEDS/SHOPS, FIVE VEHICLE MAINTENANCE RAMPS, 24 BARRACKS (11 WITH INTERCONNECTING CORRIDORS), SIX ADMINISTRATION BUILDINGS (FIVE MULTISTORY AND ONE U-SHAPED), ONE MESSHALL, NINE STORAGE BUILDINGS, AND 16 SMALL STORAGE/SUPPORT BUILDINGS. OB -- 7 CARGO TRUCKS AND 31 UNIDENTIFIED VEHICLES.</p>	<p>210238N 1054530E 25X1D</p>	0616		<p>462-A 25X1A</p>
<p>SON TAY/CHIEU DONG AW RADAR FACILITY 3.7 NM NE OF THE HOA LAC AIRFIELD AND 0.3 NM EAST OF CHIEU DONG. THE PREVIOUSLY REPORTED BAR LOCK-TYPE AND SIDE NET-TYPE RADARS ARE NO LONGER PRESENT. ELEVEN UNIDENTIFIED VEHICLES ARE OBSERVED IN THE FACILITY. ACTIVITY -- 11 UNIDENTIFIED VEHICLES.</p>	<p>210430N 1053205E 25X1D</p>	0616		244-B
<p>TAY TUU AW/GCI FACILITY 7 NM NE OF HANOI AT UTM WJ762309. THE UNOCCUPIED FACILITY CONSISTS OF ONE RADAR MOUND WITH TWO VEHICLE REVETMENTS AND TWO ADDITIONAL VEHICLE REVETMENTS 250 METERS EAST.</p>	<p>210448N 1054400E 25X1D</p>	0616		<p>462-I2 25X1A</p>
<p>DUC NOI AIR WARNING RADAR FACILITY 1.2 NM SSE OF DUC NOI AT UTM WJ932371. THE FACILITY IS OCCUPIED BY A REVETTED VAN TRUCK AND A REVETTED PROBABLE SINGLE-AXLE GENERATOR. OB -- 1 VAN TRUCK AND 1 PROBABLE GENERATOR.</p>	<p>210805N 1055352E 25X1D</p>	0616		221-K1

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
THUY HA AIR WARNING RADAR FACILITY IMMEDIATELY WEST OF THUY HA AND 2.2 NM SOUTH OF THE PHUC YEN AIRFIELD AT UTM WJ833423. THE FACILITY IS OCCUPIED BY ONE PROBABLE BIG BAR RADAR, ONE POSSIBLE SIDE NET RADAR, ONE REVETTED VAN TRUCK, AND FIVE OTHER REVETTED VEHICLES. OB -- 1 PROBABLE BIG BAR RADAR, 1 POSSIBLE SIDE NET RADAR, 1 VAN TRUCK, AND 5 UNIDENTIFIED VEHICLES. [REDACTED]	211100N 1054808E 25X1D	0616		221-M
DONG LAI/PHUC YEN AW/GCI RADAR FACILITY 0.9 NM SOUTH OF THE PHUC YEN AIRFIELD AT UTM WJ832453. THE FACILITY IS UNOCCUPIED. [REDACTED]	211230N 1054805E 25X1D	0616		326-F
QUANG MO AIR WARNING RADAR FACILITY [REDACTED]	211939N 1061410E 25X1D	0616		238-M
CHUYEN MY AW/GCI RADAR FACILITY 3.9 NM SW OF KEP AIRFIELD AT UTM XJ254626. THE FACILITY CONTAINS ONE BAR LOCK RADAR AND AT LEAST TWO ASSOCIATED VAN TRAILERS. OB -- 1 BAR LOCK RADAR AND AT LEAST 2 VAN TRAILERS. [REDACTED]	212045N 1061235E 25X1D	0616		238-E1
NGUYEN THON AIR WARNING RADAR FACILITY IMMEDIATELY NE OF NGUYEN THON AND 7.9 NM NORTH OF BAC GIANG AT UTM XJ243675. THE UNOCCUPIED FACILITY CONSISTS OF FOUR REVETMENTS ON A HILL IN A WOODED AREA. [REDACTED]	212426N 1061158E 25X1D	0616		211-I
HAI PHONG HF COMMUNICATIONS FACILITY 1 NM NE OF HAIPHONG AT UTM XJ771083. THE FACILITY CONTAINS THREE STICKMAST ANTENNAS AND A CONTROL BUILDING. [REDACTED]	205202N 1064217E 25X1D	0616		109-D1

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
HA NOI HF COMMUNICATIONS FACILITY NW ON THE SOUTH EDGE OF DONG KHO AT UTM WJ837293. THE INSTALLATION IS 20 PERCENT CLOUD COVERED, THE REMAINING 80 PERCENT SHOWS NO CHANGE SINCE [REDACTED]	210355N 1054815E 25X1D	0616	[REDACTED]	112-N
HA NOI HF COMMUNICATIONS FAC PHU COC 10.5 NM SSE OF HANOI AND 0.6 NM SE OF PHU COC AT UTM WJ926066. THE FACILITY CONSISTS OF A SECURED ADMINISTRATION/CONTROL AREA AND A SUPPORT AREA SURROUNDED BY AN ANTENNA FARM WITH SIX FISHBONE ANTENNAS, SIX HORIZONTAL DIPOLE ANTENNAS, AND EIGHT VEE ANTENNAS. THE ADMINISTRATION/CONTROL AREA CONTAINS ONE MULTI-WING CONTROL BUILDING, TWO LARGE AND FOUR SMALL BUILDINGS, AND SEVERAL BOMB CRATERS. THE ONLY DAMAGE IS TO THE SECURITY WALL. THE SUPPORT AREA CONTAINS FOUR BARRACKS, ONE MESSHALL, ONE AUDITORIUM, EIGHT SUPPORT BUILDINGS, AND FIVE SMALL BUILDINGS. [REDACTED]	205158N 1055325E 25X1D	0616	[REDACTED]	265-A
HA NOI RADIO STATION DAI MO 0.9 NM SE OF DAI MO AND 5.7 NM SW OF HANOI. THE FACILITY CONTAINS A CONTROL AREA SURROUNDED BY AN ANTENNA FIELD. THE SMALL SCALE AND FAIR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDE IDENTIFICATION OF THE TYPE OF ANTENNAS. OTHER FACILITIES ARE CONTAINED IN THREE SEPARATE AREAS. AREA A (AT UTM WJ795201) -- WALL-SECURED AREA CONTAINING A DOUBLE-WALLED TRANSMITTER BUILDING, A CIRCULAR PROBABLE WATER RESERVOIR, NINE SUPPORT BUILDINGS (TWO PARTIALLY DISMANTLED), AND TWO COOLING PONDS. AREA B (AT UTM WJ798204) -- SECURED SUPPORT AREA, IMMEDIATELY NE OF AREA A, CONTAINING FOUR PROBABLE	205858N 1054600E	0616	25X1A [REDACTED]	256-A

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
BARRACKS, ONE MESSHALL, AND FOUR SUPPORT BUILDINGS. AREA C (AT UTM WJ795197) -- SECURED AREA, SOUTH OF AREA A, CONTAINING A BUNKERED ALTERNATE CONTROL BUILDING AND A BUNKERED SUPPORT BUILDING. [REDACTED]	25X1D		25X1A	
HA NOI HF COMMUNICATIONS FACILITY HA DONG 1.1 NM EAST OF HA DONG AND 3.5 NM SW OF HANOI AT UTM WJ830194. THE FACILITY CONSISTS OF A CONTROL AREA AND AN ADJACENT ANTENNA FIELD. THE SMALL SCALE AND FAIR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDE IDENTIFICATION OF NUMBER AND TYPES OF ANTENNAS. THE WALL-SECURED CONTROL AREA CONTAINS A CONTROL BUILDING, SIX SUPPORT BUILDINGS, A WATER TOWER, AND A COOLING TOWER. [REDACTED]	205828N 1054758E 25X1D	0616	[REDACTED]	256-H
HA NOI RADIO BROADCAST STATION ME TRI 4.3 NM SW OF HANOI AND 0.6 NM SSE OF ME TRI AT UTM WJ819217. THE SECURED FACILITY CONTAINS CONTROL AND GENERATOR BUILDINGS BOTH PROTECTED BY BLAST WALLS, A BUNKERED SUPPORT BUILDING, A COOLING POND, TWO VERTICAL RADIATORS, FOUR DOUBLE-RHOMBIC ANTENNAS IN DAY-NIGHT PAIRS, AND SEVEN HORIZONTAL DIPOLE ANTENNAS. THE TWO LATTICE TOWERS, NOW USED AS VERTICAL RADIATORS, WERE PROBABLE INITIALLY CONSTRUCTED TO SUPPORT A HORIZONTAL CURTAIN ARRAY. ADDITIONAL SUPPORT FACILITIES INCLUDE APPROXIMATELY 25 BUILDINGS. [REDACTED]	205944N 1054720E 25X1D	0616	[REDACTED]	112-J
HA NOI HF COMMUNICATIONS FAC SON DONG 8.6 NM WNW OF HANOI AT UTM WJ718273. THE FACILITY CONSISTS OF A FENCE-SECURED AREA WITH 17 SUPPORT BUILDINGS (FIVE PARTIALLY DISMANTLED) AND A PERSONNEL BUNKER IMMEDIATELY NE. SMALL SCALE AND FAIR INTERPRETABILITY OF THE	210250N 1054130E	0616	[REDACTED]	462-F

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
PHOTOGRAPHY PRECLUDE DETERMINATION OF THE NUMBER AND TYPES OF ANTENNAS AROUND THE CONTROL/SUPPORT AREA. [REDACTED]	25X1D		25X1A	
NOI BAI RADIO BROADCAST STATION 1.2 NM SE OF THE PHUC YEN AIRFIELD AT UTM WJ847444. THE SITE CONSISTS OF A SECURED AREA CONTAINING TWO BUILDINGS AND TWO UNOCCUPIED REVETMENTS. NO MASTS ARE DISCERNIBLE. THE SITE APPEARS TO BE UNOCCUPIED. [REDACTED]	211200N 1054857E	0616	[REDACTED]	326-6
	25X1D			
--INDUSTRY--	25X1D			
HA NOI SHIPYARD THUONG THON 2.2 NM SE OF HANOI ON THE WEST BANK OF THE RED RIVER AT UTM WJ934214. THE SHIPYARD IS INUNDATED WITH WATER COVERING MOST OF THE FACILITY. THE FACILITY CONTAINS TWO COVERED BUILDING WAYS (FOUR PREVIOUSLY REPORTED COVERED BUILDING WAYS HAVE BEEN DESTROYED) AND 19 SUPPORT BUILDINGS. [REDACTED]	205935N 1055358E	0616	[REDACTED]	112-52
	25X1D			
KIEN AN SHIPYARD PHUONG CHU ON THE SOUTH BANK OF THE LACH TRAY RIVER, 0.6 NM EAST OF PHUONG CHU, AND 7 NM WSW OF HAIPHONG AT UTM XJ634056. THE SHIPYARD CONTAINS TWO SUPPORT SHEDS. ANOTHER SMALL BOATYARD WEST OF THE AREA CONTAINS A WET DOCK CAPABLE OF HOLDING TWO SMALL VESSELS, THREE SUPPORT BUILDINGS, AND ONE SHED. VESSELS -- 2 BARGES AND 3 RIVER CRAFT IN WATER. [REDACTED]	205045N 1063417E	0616	[REDACTED]	109-25
	25X1D			
HAI PHONG SHIPYARD LACH TRAY 2 NM WSW OF HAIPHONG AT UTM XJ727054. THE INSTALLATION CONSISTS OF TWO AREAS, BOTH OF WHICH HAVE BEEN REPAIRED TO A DEGREE ALLOWING	205033N 1063937E	0616	[REDACTED]	109-C2

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>OPERATION. AREA A -- FOUR TIDAL DRYDOCKS, ALL IN USE. AREA B -- TWO SUPPORT BUILDINGS, ONE GRAVING DOCK, TWO REPAIR WAYS, AND ONE TIDAL DRYDOCK. THE AREA IS IN USE. VESSELS -- 6 STEEL BARGES AND 6 SMALL RIVER CRAFT IN THE YARD AND 5 STEEL BARGES AND 6 RIVER CRAFT IN THE RIVER. [REDACTED]</p>	<p>25X1D 25X1A 25X1D</p>			
<p>HAI PHONG SHIPYARD VINH KHE NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED] NO ACTIVITY OR VESSELS ARE EVIDENT. THE AREA APPEARS TO BE INACTIVE. [REDACTED] 25X1A</p>	<p>205052N 1063954E 25X1D 25X1D</p>	0616	[REDACTED]	109-C3
<p>HAI PHONG SHIPYARD WEST ON THE WEST BANK OF THE SONG TRAM BAC RIVER AT UTM [REDACTED] ALTHOUGH THE SHIPYARD STILL SHOWS CONSIDERABLE DAMAGE, CONSTRUCTION ACTIVITY IS EVIDENT. A GRAVING DOCK AND A WET DOCK ARE IN USE. VESSELS -- 2 STEEL BARGES AND 3 SMALL RIVER CRAFT UNDER CONSTRUCTION/REPAIR. [REDACTED] 25X1A</p>	<p>205110N 1063951E 25X1D 25X1D</p>	0616	[REDACTED]	109-P5
<p>HAI PHONG SHIP REPAIR YARD NO 2 SACRIC ON THE WEST BANK OF THE SONG TRAM BAC RIVER AT UTM [REDACTED] THE YARD HAS BEEN EXTENSIVLY DAMAGED BY AIR STRIKES AND APPEARS TO BE ABANDONED. RAILROAD FERRY BY-PASSES FOR THE HANOI-HAIPHONG RAIL LINE HAVE BEEN CONSTRUCTED THROUGH THE SHIPYARD. NO VESSELS OR CONSTRUCTION ACTIVITY IS OBSERVED. [REDACTED]</p>	<p>205113N 1064016E 25X1D 25X1D</p>	0616	[REDACTED]	109-P3

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
HAI PHONG SHIP REPAIR YARD NO 3 SAUVAGE AT THE CONFLUENCE OF THE COMPURE DE HALY AND THE SONG TRAM BACK RIVERS, AT UTM XJ743069. THE YARD CONTAINS TWO GRAVING DOCKS, ONE WET DOCK, TEN SHOPS, AND TWO FLOATING FITTING-OUT WHARVES. VESSELS -- 1 UNIDENTIFIED VESSEL IN GRAVING DOCK. [REDACTED] 25X1A	205123N 1064035E 25X1D 25X1A	0616	[REDACTED]	109-P4
HAI PHONG SHIPYARD NO 4 DANCETTE ON THE NW EDGE OF HAIPHONG AND ON THE SOUTH BANK OF THE CUA CAM ESTUARY AT UTM XJ743080. THE FACILITY CONSISTS OF FOUR MARINE RAILWAYS, ONE GRAVING DOCK, ONE L-HEAD PIER, ONE PORTAL CRANE, TWO FIXED-JIB CRANES, AND APPROXIMATELY TEN SUPPORT BUILDINGS. VESSELS -- 1 PROBABLE TUG ON THE MARINE RAILWAY AND 8 CARGO BARGES. [REDACTED] 25X1D	205251N 1064035E 25X1D	0616	[REDACTED]	109-Q
HAI PHONG SHIPYARD NORTH ON THE NORTH BANK OF THE CUA CAM ESTUARY AT UTM XJ765088. THE FACILITY CONTAINS TWO GRAVING DOCKS (EACH APPROXIMATELY [REDACTED], A BOAT BASIN, AND A WHARF AREA. A LARGE STORAGE AREA WITH SEVERAL SMALL SUPPORT BUILDINGS, STEEL BARGE SECTIONS, AND OTHER SUPPLIES AND AN AAA SITE ARE BEHIND THE WHARF. A PROBABLE SHOP AND TWO SUPPORT BUILDINGS ARE ADJACENT TO THE GRAVING DOCKS. VESSELS -- 2 SMALL POWER CRAFT IN THE EAST GRAVING DOCK, 7 SMALL RIVER BOATS IN THE BOAT BASIN, AND AN UNIDENTIFIED VESSEL AT THE WHARF. [REDACTED] 25X1A	205224N 1064148E 25X1D 25X1D	0616	[REDACTED]	109-Q1
HAIPHONG SHIP REPAIR YARD NO 1 ON THE SOUTH BANK OF THE CUA CAM RIVER AND ON THE EAST EDGE OF HAIPHONG AT UTM XJ770087. A BARGE BUILDING AND REPAIR YARD CONTAINS A BARGE	205220N 1064212E	0616	[REDACTED]	109-I2

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>ASSEMBLY YARD WITH TWO MARINE RAILWAYS AND TWO TRANSVERSERS AT THE EASTERN EDGE OF THE FACILITY. A BARGE REPAIR/CONSTRUCTION AREA IN THE CENTRAL PORTION OF THE FACILITY CONTAINS A TRAVELING GANTRY CRANE, FOUR SHOPS, SIX STORAGE/SUPPORT BUILDINGS, AND NUMEROUS BUOYS, BUOY SECTIONS, AND PIECES OF CONSTRUCTION EQUIPMENT. A FABRICATION/SHIP REPAIR AREA IN THE WESTERN PART OF THE FACILITY CONTAINS AN OFFSHORE WHARF, A FINGER PIER, TWO FABRICATION/ASSEMBLY SHOPS, APPROXIMATELY TEN STORAGE/SUPPORT BUILDINGS (ONE WITHOUT A ROOF), AND TWO MARINE RAILWAYS. VESSELS -- VESSELS AT WHARF INCLUDE THE HA LONG SALVAGE LIFTING SHIP, THE [REDACTED] BUCKET DREDGE, AND NUMEROUS CARGO AND POL BARGES.</p>	25X1D		25X1A	
<p>CO PHUC SHIPYARD ON THE NORTH EDGE OF CO PHUC ON THE KINH MON RIVER AT UTM XJ603174. THE SMALL SHIPYARD CONTAINS THREE WORKSHOPS (ONE DISMANTLED), THREE SMALL SUPPORT BUILDINGS, A CONSTRUCTION AREA, AND A SLIP. THE PREVIOUSLY REPORTED FURNACE DOES NOT APPEAR TO BE PART OF THE SHIPYARD. THE YARD APPEARS TO BE INACTIVE.</p>	205705N 1063230E 25X1D	0616	[REDACTED]	427-E
<p>YEN CUONG BOAT YARD ON THE WEST BANK OF THE SONG HAN RIVER AT UTM XJ619218. THE FACILITY, CONSISTING OF TWO AREAS 0.4 NM APART, HAS BEEN DAMAGED BY AIR STRIKES. AREA A (AT UTM XJ619218) -- THREE BOAT BASINS AND A GRAVING DOCK WITH DAMAGE SUSTAINED AT THE NORTH END OF THE AREA. AREA B (AT UTM XJ622215) -- A MARINE RAILWAY AND A BOAT BASIN. THE AREA HAS SUSTAINED HEAVY DAMAGE THROUGHOUT.</p>	205930N 1063330E	0616	[REDACTED]	309-D

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			BE	NPIC
<p>NO CONSTRUCTION ACTIVITY IS OBSERVED. VESSELS -- NUMEROUS SMALL RIVER CRAFT IN THE BOAT BASINS.</p> <p>[REDACTED]</p>				
<p>THUONG THUY SHIPYARD 2.5 NM WEST OF THUONG THUY AT UTM WJ788319. THE TARGET IS 70 PERCENT CLOUD COVERED. NINE SUPPORT/STORAGE BUILDINGS ARE OBSERVED IN THE CLOUD-FREE AREAS. THE BUILDING WAYS APPEAR TO BE FLOODED.</p> <p>[REDACTED]</p>	<p>210518N 1054528E</p> <p>25X1D</p>	0616		112-Q3
<p>XOM TRAI BOAT BUILDING FACILITY 0.2 NM SOUTH OF XOM TRAI ON THE NORTH BANK OF THE RED RIVER AT UTM WJ495416. THE FACILITY CONSISTS OF EIGHT COVERED AND ONE UNCOVERED BUILDING WAYS AND 20 SMALL ASSOCIATED BUILDINGS.</p> <p>[REDACTED]</p>	<p>211035N 1052855E</p> <p>25X1D</p>	0616		200-F
<p>PHAP CO SHIPYARD 0.4 NM NE OF PHAP CO ON THE SOUTH BANK OF THE SONG KINH THAI RIVER AT UTM XJ658242. THE FACILITY CONSISTS OF A BARGE BUILDING YARD ADJACENT TO A KILN WORKS. ALL BUILDINGS IN THE AREA HAVE BEEN DAMAGED OR DESTROYED BY AIR STRIKE. THE YARD CONTAINS ONE PARTIALLY ASSEMBLED BARGE AND SEVERAL BARGE SECTIONS, ALL POSSIBLY DAMAGED. NO SIGNS OF ACTIVITY ARE OBSERVED. THE YARD MAY BE ABANDONED.</p> <p>[REDACTED]</p>	<p>210000N 1063500E</p> <p>25X1D</p>	0616	25X1A	309-B
<p>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 XJ651280. THE AREA CONSISTS OF A MOORING SLIP AND TWO FLOODED GRAVING DOCKS CAPABLE OF HOLDING TWO CARGO BARGES</p>	<p>210149N 1063505E</p>	0616		370-E

25X1D

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>EACH, VESSELS -- 2 STEEL BARGES IN THE MOORING SLIP. [REDACTED]</p>				
<p>HA CHIEU BOAT YARD SONG HA 0.5 NM NE OF HA CHIEU, ON THE NORTH BANK OF THE SONG HA RIVER, AT UTM XJ649284. THE ACTIVE FACILITY CONSISTS OF EIGHT SUPPORT BUILDINGS AND A GRAVING DOCK. VESSELS -- 3 RIVER CRAFT IN THE GRAVING DOCK AND 1 STEEL BARGE AND 5 SMALLER CRAFT MOORED ADJACENT TO THE GRAVING DOCK. [REDACTED]</p>	<p>210350N 1063504E 25X1D</p>	0616	25X1A	370-D
<p>TIEN NHA BOAT YARD 1 NM ENE OF TIEN NHA, ON THE NORTH BANK OF THE SLUC NAM RIVER, AT UTM XJ497572. THE SMALL BOATYARD CONSISTS OF SIX BUILDING WAYS, A LUMBER YARD, AND NINE ASSOCIATED BUILDINGS. VESSELS -- 3 SMALL RIVER CRAFT MOORED ALONG THE BANK IN THE YARD. [REDACTED]</p>	<p>211846N 1062636E 25X1D</p>	0616	[REDACTED]	528-A
<p>VIET TRI CHEMICAL PLANT IN CENTRAL NORTH VIETNAM ON THE NORTH BANK OF THE RED RIVER JUST WEST OF VIET TRI, 27 NM NW OF HANOI, AND 28 NM SE OF THAI NGUYEN, AT UTM WJ438549. THE ROAD-, RAIL-, AND RIVER-SERVED AREA CONSISTS OF THREE PRODUCTION-TYPE BUILDINGS, FIVE STORAGE BUILDINGS, SEVEN CHEMICAL STORAGE TANKS, AND NUMEROUS SMALLER SUPPORT BUILDINGS. THE AREA HAS BEEN SUBJECTED TO AIR STRIKES AND DOES NOT APPEAR TO BE IN USE. ONE SMALL INDUSTRIAL BUILDING AND ONE ADMINISTRATION BUILDING HAVE BEEN DESTROYED. NO VEHICLES OR UNUSUAL ACTIVITY IS OBSERVED. [REDACTED]</p>	<p>211805N 1052505E 25X1D 25X1D</p>	0616	[REDACTED]	262-I

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>PHU THO CHEMICAL FERTILIZER PLANT LAM THAO 7 NM SE OF PHU THO AND 0.5 NM SOUTH OF THACH SON, ON THE EAST BANK OF THE RED RIVER AT UTM WJ305584. THE RAIL-SERVED CHEMICAL FERTILIZER PLANT CONTAINS A PROBABLE CRUSHING AND PROCESSING BUILDING, ONE BOILERHOUSE, A PROBABLE SULFURIC ACID PLANT, STORAGE TANKS, FOUR PROCESSING BUILDINGS, AN ADMINISTRATION AREA, RAW MATERIAL STORAGE, AND A SEPARATELY SECURED AREA WITH FOUR BUILDINGS, TWO BURIED TANKS, AND A WATER TOWER.</p>	211955N 1051725E 25X1D	0616	[REDACTED]	233
<p>BAC GIANG CHEMICAL FERTILIZER PLANT 2 NM NORTH OF BAC GIANG AT UTM XJ253557. HEAVY BOMB DAMAGE IS OBSERVED IN THE WESTERN PART OF THE PLANT. TWO WET GASOMETERS AND FIVE PROCESSING BUILDINGS ARE DESTROYED AND MODERATE-TO-HEAVY DAMAGE HAS BEEN INFLICTED ON THE OTHER MAJOR COMPONENTS. THE CONVEYOR SYSTEM APPEARS TO BE DAMAGED. THE COAL PIER AND CRANES APPEAR TO BE INTACT WITH DAMAGE TO THE COAL CONVEYOR. THE MAJOR PART OF THE WORKERS BARRACKS AREA HAS BEEN DISMANTLED. THE PLANT APPEARS TO BE INACTIVE. NO ATTEMPT TO REPAIR THIS FACILITY IS DISCERNIBLE.</p>	211805N 1061231E 25X1D 25X1D	0616	[REDACTED]	238-C 25X1A
<p>HA NOI RUBBER PRODUCTS PLANT ON THE SW EDGE OF HANOI AT UTM WJ846215. THE AREA HAS SUSTAINED MODERATE AIR STRIKE DAMAGE. FOUR BUILDINGS ARE DESTROYED AND THREE BUILDINGS HAVE SUSTAINED LIGHT-TO-MODERATE DAMAGE. FIVE CHEMICAL TANKS APPEAR TO BE UNDAMAGED.</p>	205840N 1054850E 25X1D	0616	[REDACTED]	112-X
<p>HA NOI TEXTILE PLANT 8 MARCH ON THE SE EDGE OF HANOI AT UTM WJ906215. THE PLANT CONSISTS OF ONE LARGE AND TWO SMALLER MANUFACTURING BUILDINGS WITH SAW-TOOTHED ROOFS, TWO</p>	205902N 1055207E	0616	[REDACTED]	112-W

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
PROBABLE WAREHOUSES, TWO ADMINISTRATION BUILDINGS, 15 STORAGE/SUPPORT BUILDINGS, A STEAMPLANT CONNECTED TO A MANUFACTURING BUILDING BY AN OVERHEAD PIPE, TWO REVETTED TRANSFORMERS, A PROBABLE SWITCHING HOUSE, AND A WATER TANK. [REDACTED]	25X1D		25X1A	
HAI PHONG POL TANK AND DRUM FABRICATION 1.5 NM SW OF HAIPHONG AT UTM XJ740049. THE FACILITY CONSISTS OF THREE BARRACKS-TYPE, FOUR VEHICLE MAINTENANCE, AND SIX SUPPORT BUILDINGS. ACTIVITY -- NONE DISCERNIBLE. [REDACTED]	205015N 1064018E 25X1D	0616	[REDACTED]	109-C1
HAI PHONG CEMENT PLANT ON THE WEST EDGE OF HAIPHONG AT UTM XJ789079. THE PLANT HAS BEEN PARTIALLY REPAIRED. [REDACTED]	205144N 1064018E 25X1D 25X1D 25X1D	0616	[REDACTED]	109-P1
(SEE ATTACHMENT 3) [REDACTED]				
TRANG KINH MINING AND ORE SHIPPING AREA AT THE CONFLUENCE OF THE SONG DA BACH AND THE SONG THAI RIVERS AT UTM WJ835186. THE FACILITY CONSISTS OF AN ORE CRUSHING AND SHIPPING AREA, A LARGE OPEN MINING AREA WITH APPROXIMATELY 40 SMALL BUILDINGS, AND AN ORE LOADING PIER WITH TWO PORTAL CRANES. NUMEROUS VEHICLES ARE OBSERVED IN THE MINING AREA. A SMALLER SHIPPING POINT IS AT THE NORTH END OF THE MINING AREA ON THE SONG LEU RIVER. ACTIVITY -- NUMEROUS VEHICLES. [REDACTED]	205700N 1064500E 25X1D	0616	[REDACTED]	408-E

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>HA NOI MACHINE TOOL AND ENGR EQUIP PLANT 2.2 NM SW OF THE CENTER OF HANOI AT UTM WJ855220. THE AREA CONSISTS OF ONE FOUNDRY-TYPE BUILDING, ONE LABORATORY-TYPE BUILDING, TWO ASSEMBLY BUILDINGS, TWO PAINT SHOPS, NUMEROUS FABRICATION AND STORAGE/SUPPORT BUILDINGS, AND 12 DESTROYED/DAMAGED STRUCTURES. THE ROAD NET WITHIN THE TARGET AREA APPEARS TO BE IN USE. ONE CARGO TRUCK IS OBSERVED WITHIN THE AREA. ACTIVITY -- 1 CARGO TRUCK.</p>	<p>210000N 1054914E 25X1D</p>	0616	[REDACTED]	112-A2
<p>HA NOI LIGHT FAB AND MAINT FACILITY NGUYEN KHE 1.4 NM SOUTH OF NGUYEN KHE AT UTM WJ885386. THE FACILITY HAS BEEN SUBJECTED TO AIR STRIKE. APPROXIMATELY 25 PARTIALLY DISMANTLED BUILDINGS, NINE PROBABLE BARRACKS, AND ONE PROBABLE VEHICLE MAINTENANCE BUILDING REMAIN INTACT.</p>	<p>210852N 1055110E 25X1D 25X1D</p>	0616	[REDACTED]	221-I1
<p>KINH NO INDUSTRIAL COMPLEX 0.9 NM WEST OF KINH NO AT UTM WJ886394, WJ884394, WJ884397, AND WJ883392. ALL FOUR AREAS HAVE BEEN SUBJECTED TO REPEATED AIR STRIKES AND ALL STRUCTURES WITHIN THE AREAS HAVE BEEN DAMAGED/DESTROYED. ACTIVITY -- 12 POL TANK CARS ON A SIDING AND 37 POL TANKS ADJACENT TO THE TANK CARS AT UTM WJ884397.</p>	<p>210920N 1055115E 25X1D 25X1D</p>	0616	[REDACTED]	221-A
<p>THAI NGUYEN IRON ORE PROCESSING PLANT 6 NM NE OF THE THAI NGUYEN IRON AND STEEL COMBINE AT UTM WJ990874. THE PLANT HAS BEEN SUBJECTED TO AIR STRIKES. THE FACILITIES INCLUDE ONE ORE CRUSHING/GRADING BUILDING, THREE SEVERELY DAMAGED PROBABLE ORE CRUSHING/GRADING BUILDINGS, A SEVERELY DAMAGED COVERED CONVEYOR SYSTEM, ONE DAMAGED MULTISTORY ADMINISTRATION</p>	<p>213520N 1055724E</p>	0616	25X1A [REDACTED]	242-B

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
BUILDING, SEVEN SUPPORT/PROCESSING BUILDINGS, FIVE SUPPORT BUILDINGS, AND A TRANSFORMER SUBSTATION CONSISTING OF A CONTROL BUILDING, A TRANSFORMER, AND A SWITCHING YARD. THE RAIL LINE SERVING THE PLANT IS SERVICEABLE, BUT THE SPURS WITHIN THE PLANT HAVE BEEN INTERDICTED. NO REPAIR ACTIVITY IS OBSERVED. [REDACTED]	25X1D 25X1D			
HUONG VY MINING AREA 1.3 NM NE OF HUONG VY AT UTM XJ262755. COMPLETE CLOUD COVER PRECLUDES INTERPRETATION OF THE MINING AREA. THE SUPPORT AREA, SOUTH OF THE MINING AREA AT UTM XJ258746, CONTAINS 15 BARRACKS-TYPE AND 28 SMALLER SUPPORT-TYPE BUILDINGS. NO VEHICLES OR ACTIVITY IS OBSERVED IN THE SUPPORT AREA. [REDACTED]	212910N 1061342E 25X1D 25X1D	0616		374-B
--STORAGE-- BANG SO PETROLEUM PRODUCTS STORAGE PUG 0.3 NM EAST OF BANG SO AT UTM WJ932103. THE RIVER HAS OVERFLOWED ITS BANKS. PART OF THE STORAGE AREA AND ALL OF THE SURROUNDING LAND ARE FLOODED. [REDACTED]	205333N 1055348E 25X1D 25X1D	0616		266-H
HA NOI STORAGE AREA BAC MAI 2.1 NM SOUTH OF THE HANOI RAILROAD CLASSIFICATION YARDS AT UTM WJ877208. THE PARTIALLY SECURED AREA CONTAINS APPROXIMATELY 30 DAMAGED/DESTROYED BUILDINGS. [REDACTED]	205905N 1055040E 25X1D	0616	25X1A [REDACTED]	112-U
25X1D				

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NPIC/R-95/68

25X1D	TARGET	25X1D	COORDINATES	WAC	TARGET NUMBERS	
					BE	NPIC
	HAI PHONG PETROLEUM PRODUCTS STORAGE NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NO ACTIVITY IS OBSERVED. [REDACTED]	25X1D	205318N 1064030E	0616	[REDACTED]	109-M
	HOANG LO STORAGE AREA 5.7 NM ESE OF QUANG YEN AND 0.8 NM WEST OF HOANG LO, AT UTM XJ976140. THE STORAGE AREA CONSISTS OF THREE LARGE AND SEVERAL SMALL STORAGE BUILDINGS AT THE BASE OF A KARST HILL. A POSSIBLE CAVE ENTRANCE IS OBSERVED NEAR ONE OF THE LARGE STORAGE BUILDINGS. [REDACTED]		205504N 1065401E	0616	[REDACTED]	249-H
	BAN YEN NHAN PETROLEUM PRODUCTS STORAGE APPROXIMATELY 1.5 NM NW OF BAN YEN NHAN ALONG ROUTE 5 AT UTM XJ058165. THE AREA APPEARS ACTIVE AND CONTAINS APPROXIMATELY 25 PUG TANKS. [REDACTED]		205650N 1060103E	0616	[REDACTED]	312-D
	THI CAM POL STORAGE 0.5 NM SE OF THI CAM AT UTM WJ791254. NUMEROUS POL DRUMS ARE OBSERVED ON A ROAD AND IN THE VEGETATION ALONG THE WEST BANK OF AN IRRIGATION CANAL. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES DETERMINATION OF THE NUMBER OF DRUMS. IMMEDIATELY WEST ARE FENCE-SECURED, POSSIBLE UNDERGROUND POL STORAGE BUNKERS ALONG A LOOP ROAD. [REDACTED]		210149N 1054541E	0616	[REDACTED]	462-B1
	HA NOI PETROLEUM PRODUCTS STORAGE DUC NOI [REDACTED]		210735N 1055215E	0616	[REDACTED]	221-K

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>BAC GIANG PETROLEUM PRODUCTS STORAGE ON THE SOUTH EDGE OF BAC GIANG AND ON THE EAST BANK OF THE SONG THUONG RIVER AT UTM XJ243518. THE POL STORAGE AREA HAS BEEN SUBJECTED TO AIR STRIKE. TWO ABOVEGROUND VERTICAL CYLINDRICAL TANKS, TWO UNDERGROUND CYLINDRICAL TANKS, AND 27 BUNKERED HORIZONTAL TANKS REMAIN IN THE TARGET AREA. FIVE SUPPORT BUILDINGS ARE DISCERNIBLE IN THE AREA. AN OIL OFFLOADING PIER APPEARS TO BE SERVICEABLE. THE RAIL SPUR APPEARS TO BE UNSERVICEABLE.</p> <p>[REDACTED]</p>	211605N 1061148E	0616	[REDACTED] 25X1A	238-D
<p>GIAP NHAT SUPPLY & MAINTENANCE FACILITY 4 NM SOUTH OF HANOI. THE FACILITY CONSISTS OF TWO AREAS, BOTH SUBJECTED TO NUMEROUS AIR STRIKES. AREA A (AT UTM WJ879194) -- 17 BUILDINGS (FOUR PARTIALLY DISMANTLED) REMAIN. AREA B (AT UTM WJ879199) -- 18 VEHICLE MAINTENANCE BUILDINGS (FOUR DESTROYED AND FOUR PARTIALLY DISMANTLED) AND SEVEN STORAGE/SUPPORT BUILDINGS. OB -- 5 PROBABLE CARGO TRUCKS IN AREA B.</p> <p>[REDACTED]</p>	205830N 1055045E	0616		256-K
<p>THAI BINH STORAGE AREA 2.1 NM WEST OF THAI BINH AT UTM XH379605. THE SECURED AREA CONTAINS 25 STORAGE BUILDINGS (FIVE PARTIALLY DISMANTLED AND 11 DISMANTLED), FIVE BARRACKS, ONE MESSHALL, ONE ADMINISTRATION BUILDING, AND SEVEN MISCELLANEOUS BUILDINGS.</p> <p>[REDACTED]</p>	202623N 1061805E	0616		379
<p>PHU LUU STORAGE AREA 1.3 NM SSE OF QUYNH NGOC AT UTM XH394831. THE AREA CONSISTS OF TWO FENCED AREAS. AREA A -- 15 STORAGE BUILDINGS (THREE PARTIALLY DISMANTLED AND TWO COMPLETELY DISMANTLED), TWO</p>	203840N 1062033E	0616	[REDACTED] 25X1A	393

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
BARRACKS, AND FIVE SUPPORT BUILDINGS. AREA B -- FOUR BARRACKS AND TEN STORAGE BUILDINGS. [REDACTED]	25X1D		25X1A	
HAI PHONG WAREHOUSE AREA SOUTHEAST ON THE SE EDGE OF HAIPHONG AT UTM XJ762058. THE WALLED AREA CONTAINS THREE LARGE M-ROOFED, TWO SMALL M-ROOFED (ONE WITH FIVE VENTILATORS), AND 16 MISCELLANEOUS BUILDINGS. THE INSTALLATION IS ACTIVE, BUT ITS PRESENT FUNCTION IS NOT EVIDENT. [REDACTED]	205047N 1064137E 25X1D	0616	[REDACTED]	109-C4
HAI PHONG WAREHOUSE AREA WEST ON THE WEST EDGE OF HAIPHONG AT UTM XJ733074. THE AREA IS COMPLETELY DESTROYED. [REDACTED]	205135N 1063957E 25X1D	0616	[REDACTED]	109-P2
HA NOI WAREHOUSE AREA SOUTHEAST ON THE SOUTH BANK OF THE RED RIVER IMMEDIATELY NORTH OF VINH TUY AND APPROXIMATELY 3 NM SE OF HANOI AT UTM WJ913225. THE RIVER PORT AREA CONTAINS FACILITIES FOR HANDLING AND STORAGE OF COAL, SAND, GRAVEL, AND OTHER BULK PRODUCTS. EXTENSIVE STORAGE FACILITIES INCLUDE 72 STORAGE, THREE ADMINISTRATION, AND 22 SUPPORT BUILDINGS. VESSELS -- NUMEROUS SMALL RIVER CRAFT AND BARGES ADJACENT TO TARGET. [REDACTED]	210010N 1055242E 25X1D	0616	[REDACTED]	112-C
NGUYEN KHE STORAGE AREA TOWN 1 NM SOUTH OF NGUYEN KHE AT UTM WJ886395. THE AREA HAS BEEN SUBJECTED TO AIR STRIKES. ALL BUILDINGS ARE DESTROYED/DISMANTLED AND RAIL SPURS ARE INTERDICTED AND APPARENTLY UNSERVICEABLE. ACTIVITY -- 1 STEAM LOCOMOTIVE, 23 PIECES OF ROLLING STOCK, AND 2 CARGO TRUCKS. [REDACTED]	210920N 1055115E 25X1D	0616	[REDACTED]	221-D

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
LUNG HUU STORAGE AREA [REDACTED]	212400N 1053335E	0616		405-B
[REDACTED]				
KEP STORAGE AREA 1 2.1 NM NE OF KEP AT UTM XJ350705. THE AREA HAS BEEN SUBJECTED TO AIR STRIKES. NUMEROUS CRATERS ARE OBSERVED. NO MILITARY OR CONSTRUCTION ACTIVITY IS OBSERVED. SMALL SCALE AND FAIR QUALITY PRECLUDE DETERMINATION OF DAMAGE TO THE AREA. [REDACTED]	212559N 1061812E 25X1D 25X1D	0616		211-F
--URBAN COMPLEXES--				
HAI PHONG COMPLEX THE COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, CONTAINS EXTENSIVE DOCKING FACILITIES, A NAVAL BASE, A CEMENT PLANT, SEVERAL BOAT BUILDING AND REPAIR FACILITIES, TWO THERMAL POWERPLANTS, POL STORAGE, AND A 2,100-FOOT RAIL YARD, SEVEN TRACKS WIDE WITH CAR REPAIR FACILITIES AND A TURNING WYE. ONE OF THE THERMAL POWERPLANTS AND THE POL STORAGE AREA HAVE BEEN DESTROYED BY AIR STRIKES. THE THERMAL POWERPLANT WEST AND THE CEMENT PLANT HAVE BEEN HEAVILY DAMAGED BY AIR STRIKES, BUT REPAIR HAS PUT BOTH BACK INTO LIMITED OPERATION. ALL MAJOR RAIL AND ROAD ROUTES	205130N 1064110E	0616	25X1A [REDACTED]	109

25X1D	TARGET	COORDINATES	WAC	TARGET NUMBERS	
				BE	NPIC
	<p>ARE USEABLE.</p> <p>[REDACTED]</p> <p>HA NOI COMPLEX THIS MAJOR INDUSTRIAL AND COMMERCIAL CENTER IS ROAD-, RAIL-, AND WATER-SERVED AND CONTAINS NUMEROUS LIGHT INDUSTRIES, LIMITED PORT FACILITIES (HANOI PORT FACILITIES, BE NO [REDACTED], SEVERAL MILITARY INSTALLATIONS WITH NUMEROUS BARRACKS AND SUPPORT BUILDINGS, AND TWO MAJOR AIRFIELDS. THE HANOI THERMAL POWERPLANT HAS BEEN RESTORED TO PARTIAL OPERATION. THE PAUL DOUMER BRIDGE IS REPAIRED AND SERVICEABLE TO AT LEAST VEHICULAR TRAFFIC. (SEE ATTACHMENT 5)</p> <p>[REDACTED]</p>	<p>210137N 1055121E</p> <p>25X1A</p> <p>25X1D</p>	<p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>112</p>
	<p>VIET TRI COMPLEX A SMALL INDUSTRIAL COMPLEX, ON THE WEST BANK OF THE SONG LO RIVER IMMEDIATELY NORTH OF THE CONFLUENCE OF THE SONG LO AND RED RIVERS, IS APPROXIMATELY 1 SQ MI IN AREA AND IS COMPRISED OF A RAILROAD YARD (BE NO [REDACTED], A RAIL-SERVED THERMAL POWERPLANT (BE NO [REDACTED], A WOOD PROCESSING PLANT, AND A SECURED POL STORAGE AREA. ALL HAVE BEEN SUBJECTED TO AIR STRIKES. THE WOOD PROCESSING PLANT AND THE POL STORAGE AREA APPEAR TO BE UNSERVICEABLE. THE RAILROAD YARD HAS BEEN REPAIRED AND IS OPEN TO RAIL TRAFFIC. THE OPERATIONAL STATUS OF THE POWERPLANT CANNOT BE DETERMINED.</p> <p>[REDACTED]</p>	<p>211750N 1052535E</p> <p>25X1A</p> <p>25X1D</p>	<p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>262</p>
	<p>BAC GIANG COMPLEX A SMALL COMMERCIAL CENTER ON THE HANOI/LANG SON RAIL LINE HAS BEEN SUBJECTED TO NUMEROUS AIR STRIKES AND HAS SUSTAINED SEVERE DAMAGE WITH THE MAJORITY OF THE STRUCTURES DESTROYED/DAMAGED. SOME OF THE BUILDINGS</p> <p>[REDACTED]</p>	<p>211629N 1061155E</p>	<p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>238</p>

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
HAVE BEEN DISMANTLED. THE RAIL LINE AND YARD (BAC GIANG RAILROAD YARD AND SHOPS, BE NO [REDACTED] ARE SERVICEABLE. ACTIVITY -- 12 PIECES OF ROLLING STOCK ON THE RAIL LINE. [REDACTED]	25X1A 25X1D			
HA DONG SWITCHING STATION/TRANSFORMER YARD 1.3 NM SW OF HA DONG AT UTM WJ793175. THE TRANSFORMER SUBSTATION IS INOPERATIVE AND APPEARS TO BE ABANDONED. THE TRANSFORMER HAS BEEN REMOVED AND NO CIRCUIT BREAKER, ISOLATORS, OR OTHER MAJOR ELECTRICAL EQUIPMENT IS EVIDENT. NO ATTEMPTS TO REPAIR FALLEN LIGHT TOWERS OR TO CONTAIN VEGETATION ARE OBSERVED. [REDACTED]	205730N 1054545E 25X1D	0616		256-L
HAI PHONG THERMAL POWER PLANT WEST ON THE NW EDGE OF HAIPHONG AT UTM XJ738078. THE INSTALLATION HAS BEEN REPAIRED AND IS IN AT LEAST LIMITED OPERATION. THE EAST AND WEST SIDES APPEAR TO HAVE BUNKER WALL PROTECTION AND A BLAST WALL IS UNDER CONSTRUCTION ON THE SOUTH SIDE. [REDACTED]	25X1A [REDACTED] 205144N 1064018E 25X1D	0616	25X1A [REDACTED]	109-P
HAI PHONG TRANSFORMER STATION 2.4 NM NW OF HAIPHONG AT UTM XJ719083. NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] [REDACTED]	25X1D [REDACTED] 205203N 1063910E 25X1D 25X1D	0616		109-Z6
HAI PHONG THERMAL POWER PLANT EAST ON THE SOUTH BANK OF THE CUA CAM ESTUARY AND 1.9 NM NE OF HAIPHONG AT UTM XJ782086. THE PLANT CONSISTS OF ONE HEAVILY DAMAGED BOILERHOUSE, ONE HEAVILY DAMAGED GENERATOR HALL, ONE DAMAGED AUXILIARY DIESEL GENERATOR HALL, ONE DAMAGED	205210N 1064250E	0616		109=0

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NPIC/R-95/68

TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>TRANSFORMER/SWITCHING BUILDING, THREE DAMAGED/DESTROYED POL TANKS, AND SEVERAL DAMAGED/DESTROYED SUPPORT BUILDINGS. AN ASSOCIATED FINGER PIER APPEARS TO BE UNDAMAGED. THE PLANT IS NOT OPERATIONAL AND APPEARS TO BE ABANDONED.</p> <p>[REDACTED]</p>	<p>25X1D</p> <p>25X1D</p>		<p>25X1A</p>	
<p>HA NOI THERMAL POWERPLANT</p> <p>[REDACTED]</p>	<p>210233N 1055051E</p>	<p>0616</p>	<p>[REDACTED]</p>	<p>112-A1</p>
<p>HA NOI TRANSFORMER STATION DONG ANH 7 NM NORTH OF HANOI AT UTM XJ877377. THE AREA HAS BEEN SUBJECTED TO REPEATED AIR STRIKES AND APPEARS TO BE COMPLETELY DESTROYED AND INOPERATIVE. NO STRUCTURES ARE DISCERNIBLE IN THE AREA.</p> <p>[REDACTED]</p>	<p>210828N 1055045E</p> <p>25X1D</p> <p>25X1D</p>	<p>0616</p>	<p>[REDACTED]</p>	<p>221-I</p>
<p>PIEU LONG DIESEL ELECTRIC POWERPLANT</p> <p>[REDACTED]</p>	<p>210813N 1055909E</p>	<p>0616</p>		<p>375-B</p>
<p>VINH YEN TRANSFORMER STATION HUONG CANH 3.7 NM SE OF VINH YEN AT UTM WJ675525. THE SUBSTATION CONSISTS OF A SECURED AREA CONTAINING A CONTROL BUILDING, ONE TRANSFORMER, AND A SWITCHING YARD. THIS INSTALLATION IS TIED INTO THE VIET TRI THERMAL POWERPLANT.</p> <p>[REDACTED]</p>	<p>211633N 1053902E</p> <p>25X1D</p>	<p>0616</p>		<p>262-H</p>
<p>VIET TRI THERMAL POWERPLANT 1 NM WEST OF VIET TRI AT UTM WJ440550 AND WITHIN THE VIET TRI PAPER COMBINE. THE POWERPLANT CONSISTS OF A BOILERHOUSE, A GENERATOR HALL, A CONTROL BUILDING, A TRANSFORMER YARD AND SUBSTATION, A COAL PROCESSING BUILDING, A COAL YARD, SIX OIL STORAGE TANKS, AND SIX SUPPORT BUILDINGS. SECTIONS OF THE BOILERHOUSE AND GENERATOR HALL HAVE SUSTAINED HEAVY DAMAGE FROM AIR STRIKES. THE RAIL SPUR APPEARS TO BE UNSERVICEABLE AND THE AREA</p>	<p>211757N 1052526E</p>	<p>0616</p>	<p>25X1A</p> <p>[REDACTED]</p>	<p>262-F1</p>

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>IS ABANDONED. OPERATIONAL STATUS CANNOT BE DETERMINED.</p> <p>[REDACTED]</p>				
<p>VAN DIEN RAIL YARD 3.5 NM SOUTH OF HANOI ON THE HANOI/VINH RAIL LINE AT UTM WJ882158. THE FOUR-TRACK RAIL YARD CONTAINS 15 EMPTY FLATCARS AND ONE GONDOLA CAR CONTAINING ONE LARGE UNIDENTIFIED DRUM. NO LARGE STOCK PILES ARE OBSERVED IN THE AREA. ACTIVITY -- 15 FLATCARS, 1 GONDOLA CAR, AND 4 PROBABLE CARGO TRUCKS.</p> <p>[REDACTED] 25X1A [REDACTED]</p>	<p>205630N 1055050E</p> <p>25X1D 25X1D 25X1D 25X1D 25X1D</p>	<p>0616</p>		<p>266-I</p>
<p>HAI PHONG RR STATION CLASS YD & SHOPS IN THE CENTER OF HAIPHONG AT UTM XJ761068. THE RAIL YARD IS SEVEN TRACKS WIDE AND CONTAINS A PASSENGER TERMINAL, A CLASSIFICATION YARD, A CAR SERVICE HOUSE, A RAIL-SERVED UNLOADING AND STORAGE BUILDING, A TURNING WYE, NUMEROUS STORAGE BUILDINGS, AND A LARGE LOCOMOTIVE AND CAR REPAIR SHOP WITH FIVE SUPPORT BUILDINGS. THE YARD AND REPAIR FACILITIES ARE OPERATIONAL. ACTIVITY -- 4 LOCOMOTIVES AND APPROXIMATELY 95 PIECES OF ROLLING STOCK.</p> <p>[REDACTED]</p>	<p>205114N 1064130E</p> <p>25X1D 25X1D 25X1D</p>	<p>0616</p>		<p>109-L</p>
<p>PHAM XA RR SIDING 0.2 NM NW OF PHAM XA AT UTM XJ512191. NO RAIL YARD, PASSENGER TERMINAL, OR SUPPORT BUILDINGS REMAIN. ALL FACILITIES APPEAR TO HAVE BEEN REMOVED. THE MAIN LINE IS SERVICEABLE.</p> <p>[REDACTED]</p>	<p>205800N 1062735E</p> <p>25X1D 25X1D 25X1D</p>	<p>0616</p>		<p>427-B</p>
<p>HA NOI RR CAR REPAIR SHOPS GIA LAM 2.8 NM NE OF HANOI ON THE HANOI/LANG SON RAIL LINE. THE AREA HAS BEEN SUBJECTED TO AIR STRIKES RESULTING IN DAMAGE TO 90 PERCENT OF THE INSTALLATION. THREE LARGE MULTISECTION MONITOR-ROOFED BUILDINGS, NINE</p>	<p>210300N 1055308E</p>	<p>0616</p>		<p>114-C</p>

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
WAREHOUSES, AND NUMEROUS SMALLER BUILDINGS ARE DESTROYED. NO ROLLING STOCK IS OBSERVED. [REDACTED]	25X1D 25X1D			
YEN VIEN RR CLASSIFICATION YARD 0.4 NM EAST OF YEN VIEN, 5 NM NE OF HANOI, AT UTM WJ955315, AND AT THE JUNCTION OF TWO RAIL LINES CONNECTING HANOI TO CHINA. THE CLASSIFICATION YARD CONTAINS AT LEAST TEN TRACKS, ALL PROBABLY SERVICEABLE. THE TURNING WYE NORTH OF THE RAIL YARD HAS NOT BEEN REPAIRED SINCE DAMAGED BY AIR STRIKE. ACTIVITY -- 1 LOCOMOTIVE AND 77 PIECES OF ROLLING STOCK. [REDACTED]	25X1A [REDACTED] 210510N 1055515E 25X1D	0616	25X1A [REDACTED]	407-A
YEN THUONG RAILROAD YARD 1.2 NM NE OF YEN VIEN AT UTM WJ961325. ALL SEVEN TRACKS OF THE RAIL YARD ARE SERVICEABLE. THE TURNING WYE AND A SMALL FOUR-TRACK RAIL YARD SW OF THE MAIN YARD ARE ALSO SERVICEABLE. ACTIVITY -- 13 PIECES OF ROLLING STOCK. [REDACTED]	25X1D [REDACTED] 210677N 105557E 25X1D 25X1D	0616		407-E
DUC NOI RAIL YARD 3.7 NM NW OF YEN VIEN AT UTM WJ916364. ALL SEVEN TRACKS OF THE RAIL YARD ARE SERVICEABLE. A RAIL BY-PASS IS UNDER CONSTRUCTION AROUND THE RAIL YARD TO THE SOUTH AND A DEAD-END SPUR IS UNDER CONSTRUCTION NE OF THE RAIL YARD. ACTIVITY -- 17 PIECES OF ROLLING STOCK. [REDACTED]	25X1D [REDACTED] 210732N 1055250E 25X1D 25X1D	0616		221-N
VIET TRI RAILROAD YARD IN VIET TRI AT UTM WJ453551. THE RAIL YARD IS SERVICEABLE WITH THREE TRACKS IN USE. NO FACILITIES ARE OBSERVED. DUE TO GENERAL FLOODING	[REDACTED] 25X1A [REDACTED] 211800N 1052600E	0616	25X1A [REDACTED]	262-G

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TARGET	COORDINATES	WAC	TARGET NUMBERS	
			BE	NPIC
<p>OF THE VIET TRI ROAD AND RAIL CROSSINGS, THE RAIL FERRY SLIPS ARE INUNDATED AND DO NOT APPEAR TO BE IN USE, HOWEVER, THE CABLE BRIDGE REMAINS ABOVE WATER AND IS SERVICEABLE TO LIGHT VEHICULAR TRAFFIC. ACTIVITY -- 43 PIECES OF ROLLING STOCK. (SEE ATTACHMENT 4)</p> <p>[REDACTED]</p>	25X1D			
<p>25X1A</p> <p>KEP RAILROAD YARDS 0.9 NM NE OF KEP AT UTM XJ344684. THE RAILROAD YARDS CONSIST OF A NORTH AND SOUTH RAILROAD YARD WITH A STORAGE AREA ADJACENT TO THE SOUTH YARD. THE ENTIRE AREA HAS BEEN SUBJECTED TO AIR STRIKES. ONE LARGE STORAGE BUILDING REMAINS INTACT, ONE BUILDING IS OBSERVED WITH SUPERFICIAL DAMAGE, AND TWO BUILDINGS ARE PARTIALLY DISMANTLED. TWO THROUGH-TRACKS REMAIN SERVICEABLE IN THE RAILROAD YARDS. A RAIL BY-PASS CONSTRUCTED EAST OF THE RAILROAD YARDS IS SERVICEABLE. NO ROLLING STOCK IS OBSERVED.</p> <p>[REDACTED]</p>	212450N 1061752E	0616		397-G
<p>25X1D</p> <p>25X1D</p>				
<p>--MISCELLANEOUS--</p> <p>25X1D</p> <p>CAM DAI POSSIBLE PRISON</p> <p>[REDACTED]</p>	210905N 1052025E	0616		200-A
<p>25X1A</p> <p>BA BINH/NVN SPECIAL AREA 2009 SCATTERED CLOUDS AND SMALL SCALE PRECLUDE THE IDENTIFICATION OF MILITARY ACTIVITY OR THE PRESENCE OF ARTILLERY.</p> <p>[REDACTED]</p>	170600N 1065700E	0617	25X1A	720-09
<p>25X1D</p>				

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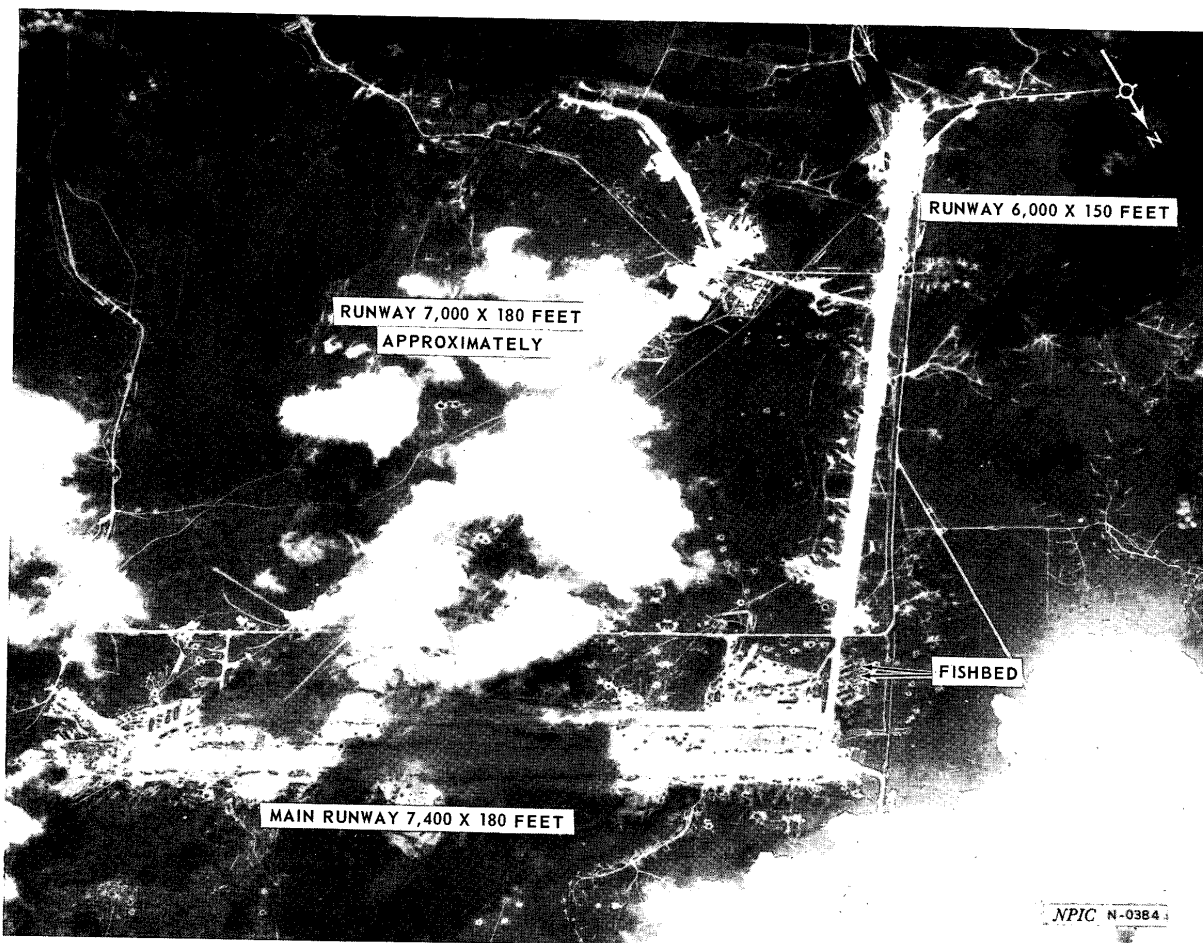
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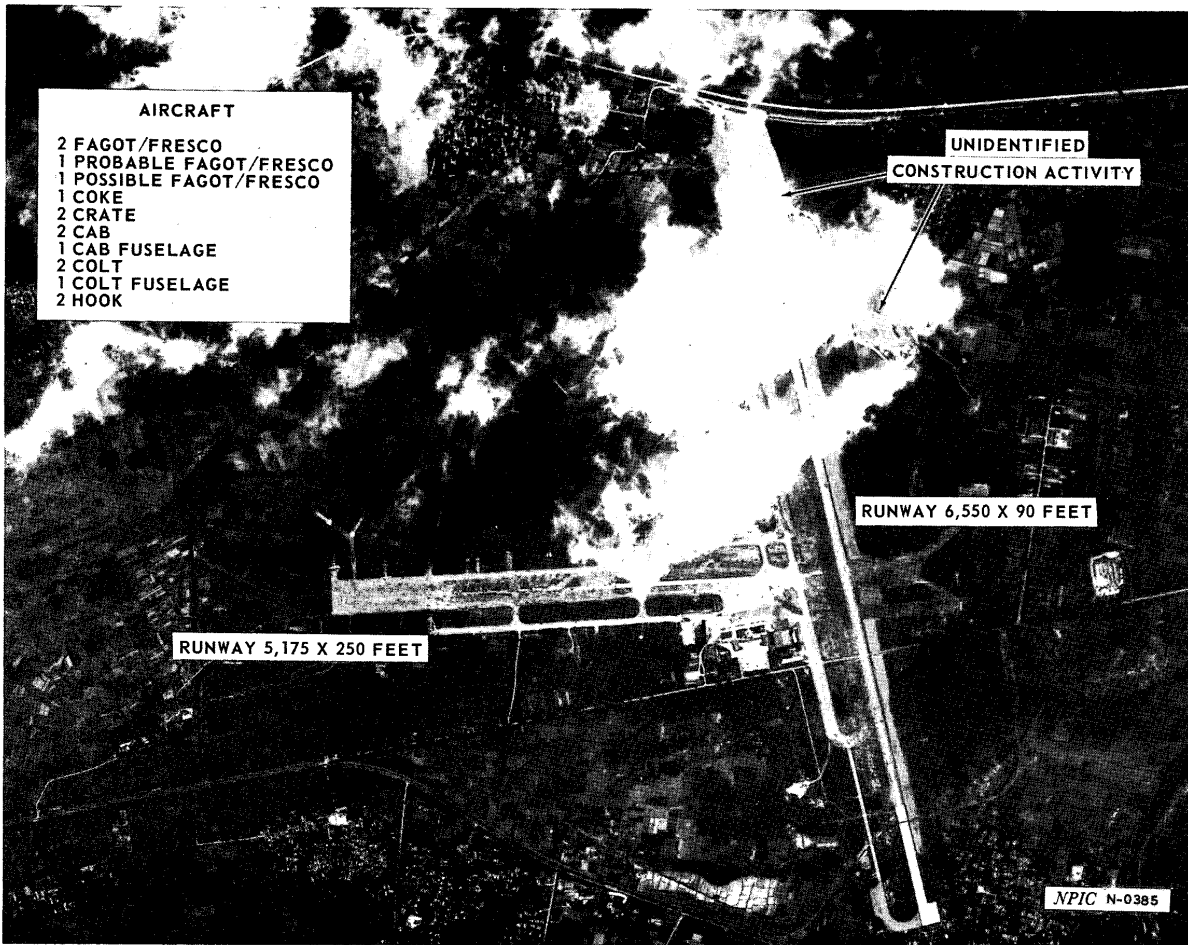


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HOA LAC AIRFIELD, NORTH VIETNAM

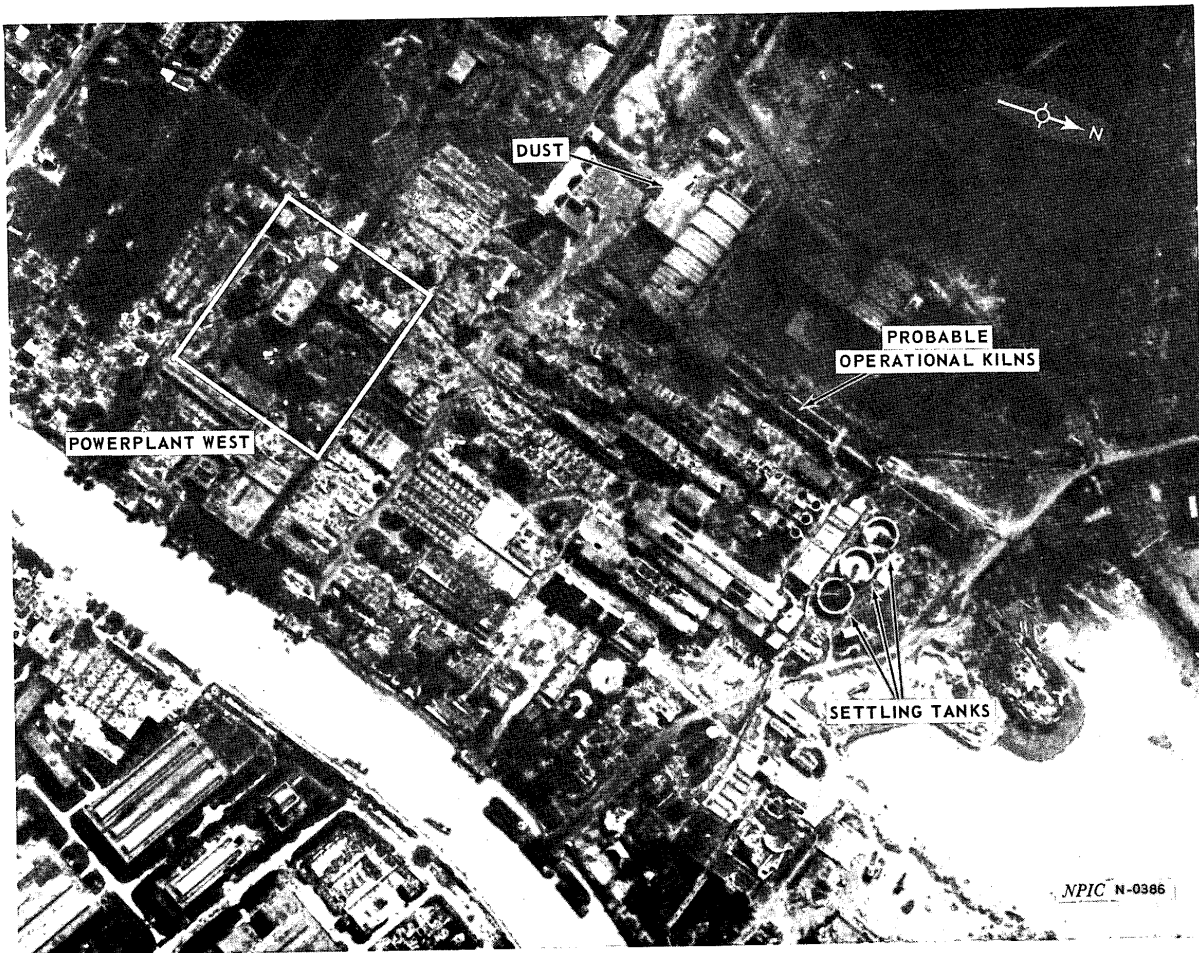
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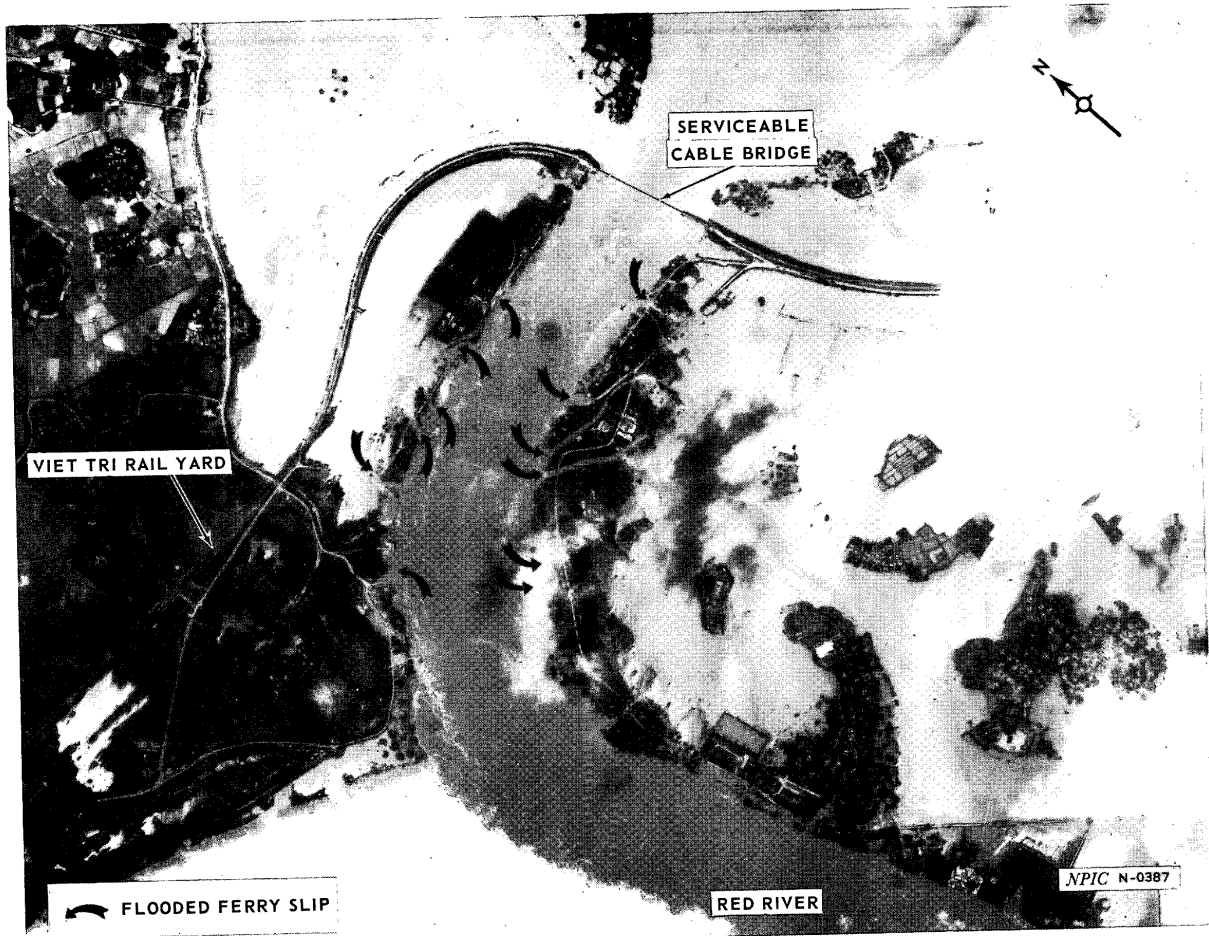


HANOI/GIA LAM AIRFIELD, NORTH VIETNAM

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HAIPHONG CEMENT PLANT, NORTH VIETNAM



VIET TRI ROAD/RAIL RIVER CROSSING, NORTH VIETNAM

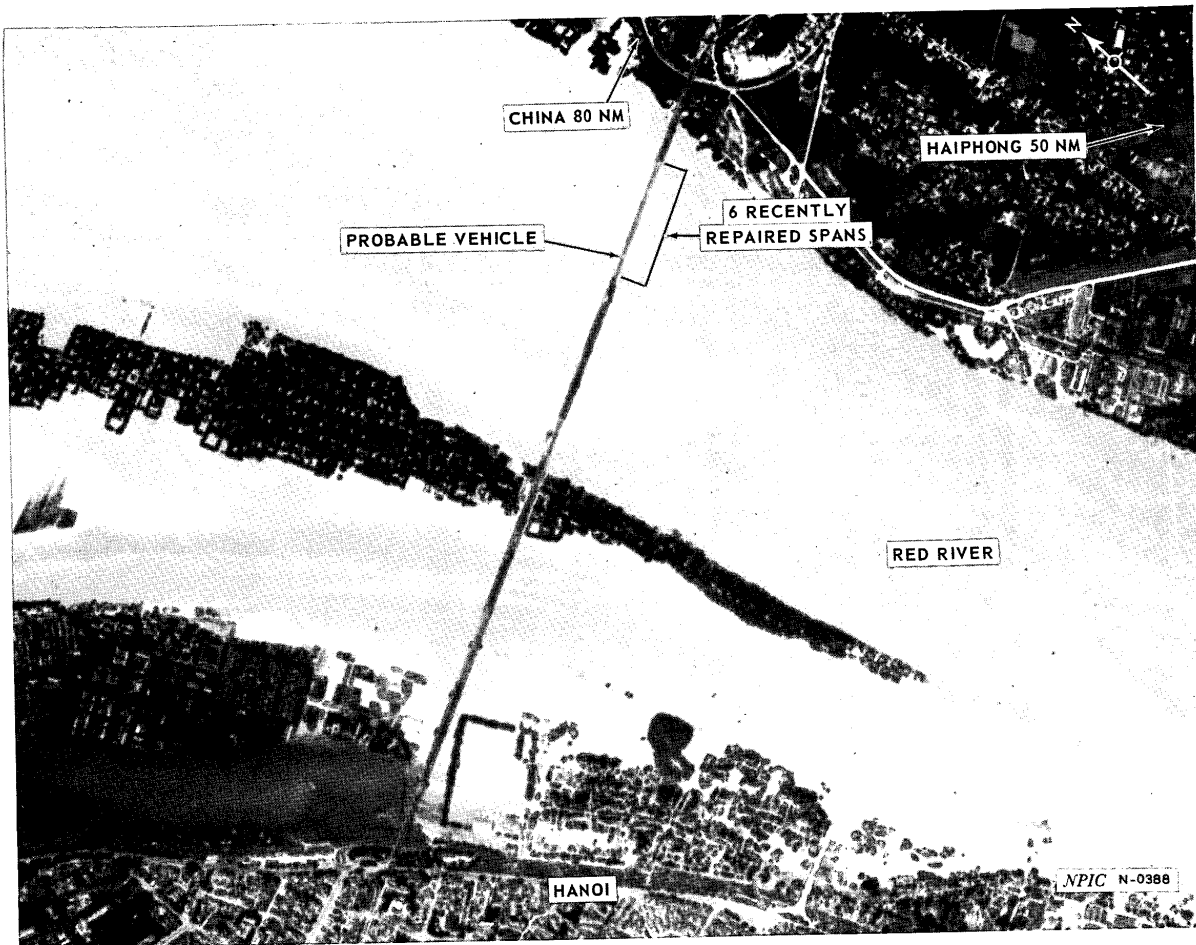
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ATTACHMENT 5



PAUL DOUMER RAIL/HIGHWAY BRIDGE, NORTH VIETNAM

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