

June 8, 1988

Will probably have spoken with you on the phone before you get this, but I'm sure you'll find this "interesting" reading - to say the very least.

After releasing a report in August 1986 which detailed a bloody attack in 1968 on a secret Air Force installation in Laos, and which was sharply critical of U.S. officials' actions in the months leading up to the attack, one year later, in August 1987 the Air Force lowered the curtain of secrecy around the document known as a "CHECO" report. The term is military jargon for Contemporary Historical Examination of Current Operations. (Tricky, huh?)

At any rate, the agency charged with putting the toothpaste back in the tube was the Office of Air Force History at Bolling Air Force Base in Washington, DC. In a letter to the OKLAHOMAN (an Oklahoma City newspaper that had run a series of articles about the fall of Site 85) the Air Force advised that the office was "conducting a formal security investigation of the Project CHECO report, 'The Fall of Site 85'."

On October 5, 1986 the OKLAHOMAN published a series of stories based on the CHECO report which showed that 11 Air Force men who worked at the radar base were sent there under civilian cover in an effort to circumvent the neutrality of Laos.

That CHECO report (which is enclosed) shows that U.S. officials largely ignored intelligence that the base atop a mile-high peak was about to be attacked by Communist Pathet Lao troops. After the attack, which left the 11 men missing and unaccounted for, the government's most immediate concern was the potential public relations bonanza their presence in Laos could provide for the Communists.

The men are presumed dead by the Air Force, but their remains have never been found. And there has been far too much secrecy and bizarre circumstances surrounding the entire incident NOT to suspect some government SNAFU. (More military jargon meaning Situation Normal - All Fucked Up.)

In 1986 the Air Force released the detailed 56-page report, which had previously been classified TOP SECRET, to the families of the 11 men.

But in 1987 one of the family members (Ann Holland of Ocean Park, Washington) said that an official at the Air Force Casualty Center at Randolph AFB had told her the report was once again under wraps. Holland, whose husband was lost at Site 85, said the official

told her the report "was never properly declassified."

Throughout November - December 1987 the OKLAHOMAN repeatedly contacted the following offices in an effort to determine the exact status of the report: the Manpower and Personnel Center at Randolph which had released the report; the Air Force Office of Public Affairs at the Pentagon; and the Office of Air Force History. None gave a specific answer.

After researching the question for a month, an Air Force spokesman at Randolph gave the following answer:

"We do not have access to that report."

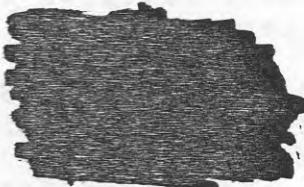
Since there were only 141 copies of the CHECO report published maybe those officials are hoping that they will simply "un-circulate" with age. Unfortunately for those officials, along with the likes of sorry politicians the ilk of Kissinger, Johnson, Nixon, Bush, Sullivan, Reagan, et.al., that report is in the hands of the TRUE patriots of America.

Or in other words: YOO-HOO! WE'RE HOME!

Don't worry about trying to eat the whole thing if you're caught in Hell, they're the ones who gave it away to begin with. What makes this copy valuable in an informational sense is the handwritten notes in the margins - comments of an Air Force officer who happened to survive the fall of Site 85.

In Peace and Patriotism,

AND KEEPING UP THE FIRE!



Excerpt from cover letter which was attached to the enclosed documents. Letter was typed on letterhead from the Department of the Air Force, Headquarters Air Force Manpower & Personnel Center, Randolph AFB, TX:

"As Mr XXXXXX promised in his recent telephone call, we are forwarding a copy of the attached Project CHECO report, "The Fall of Site 85".

This report was compiled in 1968 as a preliminary analytical analysis supporting a historical assessment of the effectiveness of USAF airpower in Pacific Command (PACOM). Much of the source data in this report was obtained from secondary sources and should be carefully evaluated if other primary source data, such as first hand knowledge, has since become available to you."

This letter was addressed to the wife of one of the unaccounted Air Force personnel who was stationed at Site 85, and was signed by an Air Force officer who was Chief, Casualty Matters.

Excerpt from handwritten note attached to documents from one of the survivors of Site 85, who also wrote the notes throughout the document expressing his own feelings:

"I hope this makes sense to you- there are 20 years of frustration in my comments.

I will always hold the American Ambassador responsible for what happened. Since we were bona fide civilians he was the final authority. Gen. McConnel was furious & wanted to take action against Sullivan but was stopped higher up. I had a long personal talk with him when I came to the Pentagon to debrief. Of course our illustrious leader Johnson threw in the towel 10 days later. The son of a bitch personally approved our going up there but didn't have the guts to stick it out when the going got rough.

The whole thing was whitewashed by the State Department and the CIA, and the Air Force could do nothing. I hope I have not caused you too much grief over the years. You know how I loved Bill. I will always feel that in the end I was responsible for the whole damned thing by coming up with the idea in the first place."

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~~LIMITED DISTRIBUTION~~

PROJECT

C **Contemporary**
H **istorical**
E **xamination of**
C **urrent**
O **perations**
REPORT

Prepared
1968!

THE FALL OF SITE 85

9 AUGUST 1968

HQ PACAF

Directorate, Tactical Evaluation
CHECO Division

~~SPECIAL HANDLING REQUIRED~~
~~DO NOT RELEASE TO FOREIGN NATIONALS~~
The information contained in
this document will not be
disclosed to foreign nationals
or their representatives

Prepared by:

CAPT EDWARD VALENTINY

Project CHECO 7th AF, DOAC

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COPY 71 OF 141 COPIES

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PROJECT CHECO REPORTS

The counterinsurgency and unconventional warfare environment of Southeast Asia has resulted in the employment of USAF airpower to meet a multitude of requirements. The varied applications of airpower have involved the full spectrum of USAF aerospace vehicles, support equipment, and manpower. As a result, there has been an accumulation of operational data and experiences that, as a priority, must be collected, documented, and analyzed as to current and future impact upon USAF policies, concepts, and doctrine.

Fortunately, the value of collecting and documenting our SEA experiences was recognized at an early date. In 1962, Hq USAF directed CINCPACAF to establish an activity that would be primarily responsive to Air Staff requirements and direction, and would provide timely and analytical studies of USAF combat operations in SEA.

Project CHECO, an acronym for Contemporary Historical Examination of Current Operations, was established to meet this Air Staff requirement. Man by Hq PACAF, with elements at Hq 7AF and 7AF/13AF, Project CHECO provides a scholarly, "on-going" historical examination, documentation, and reporting of USAF policies, concepts, and doctrine in PACOM. This CHECO report is part of the overall documentation and examination which is being accomplished. Along with the other CHECO publications, this is an authentic source for an assessment of the effectiveness of USAF airpower in PACOM.



MILTON B. ADAMS, Major General, USAF
Chief of Staff

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TABLE OF CONTENTS

	<u>Page</u>
FOREWORD	viii
THE FALL OF SITE 85	1
Introduction	1
Site 85 Operations Nov 67-Mar 68	2
The Physical Site and Defensive Concepts	3
Estimated Enemy Objectives	7
Enemy Clearing Operations	8
The First Attempt	9
Enemy Activity in January	11
Enemy Air Attack	11
Preparation for the Final Attempt	13
Defensive Reactions in January	15
Airstrike Support for Site 85	15
Enemy Activity 22 Jan-16 Feb	19
Activity in Late February	21
Final Enemy Moves	27
Evacuation Arrangements at the Site	30
Final Enemy Attack	31
Denouement	39
Epilogue	41
FOOTNOTES	49
GLOSSARY	56
FIGURES	<u>Follows Page</u>
1.	4
2.	8
3.	10
4.	14
5.	20
6.	28
7.	30
8.	36
9.	38
10.	42

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FOREWORD

Site 85 was an important friendly guerrilla base in Northeast Laos. In mid-1967, steps were begun to establish a TSQ-81 facility near Site 85 atop a steep 5500-foot ridge called Phou Pha Thi, located only 25 kilometers from the North Vietnamese/Laotian border and 45 kilometers west of Sam Neua, Laos. A TACAN facility had already been established atop Phou Pha Thi and was operational in August 1966. This base and its facilities were commonly called Site 85.

In essence, the TSQ-81 was a modified version of the Strategic Air Command's (SAC) Radar Bomb Scoring (RBS) system. While the SAC system was designed to predict bomb impact points for simulated drops, the TSQ system was used to direct and control attacking jet fighters and bombers to their targets and also provide them with precise bomb release points, under radar control.

Similar systems had been established earlier in South Vietnam and one existed in Thailand. (These systems were grouped under a common nickname, Combat Skyspot.) The TSQ facility at Site 85 differed primarily in that the equipment was specially designed in small packages to be helllifted to remote locations. The nickname for operations under Site 85 direction was Commando Club. Never heard before. "KNOW STUFF" AL

However, Site 85 was much more unique than a specially designed

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SACP

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WITH RADAR

radar bombing facility. Site 85 was the only facility of its kind
in Laos. It was the only facility which could provide ground

vectored radar bombing in the northern target areas of both North

Vietnam and Laos, thereby enhancing USAF all-weather strike capabilities

in these two areas. Finally, the site was established and operated by

American technicians in a manner designed not to violate the 1962

Geneva Agreements and to "guarantee" the "neutrality" of Laos. However,

the location of a site at Phou Pha Thi to direct bomb strikes against

North Vietnam was ultra sensitive from both the political and military

standpoint.

Meo guerrillas trained by CAS personnel provided the primary force for defense of the site on Phou Pha Thi. In the event these defenders came under heavy enemy attack and loss of the site appeared imminent, plans called for evacuating the American personnel manning the TSQ/TACAN facility and destroying the equipment to keep it from falling into enemy hands. However, early on the morning of 11 March, a force of twenty heavily armed infiltrators launched a surprise attack on the facilities atop Phou Pha Thi before the evacuation plan could be implemented. Of the 16 American personnel manning the site, only six were successfully evacuated, with one being killed by enemy forces firing on the rescue helicopters. Four of the five remaining personnel had been wounded during the enemy attack on the site. This report relates the story of the fall of Site 85 and attempts to place events surrounding its loss in proper perspective.

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THE FALL OF SITE 85

Introduction

The war in Northeast Laos has been characterized by conditions which are generally the reverse of those existing in South Vietnam. The enemy, Pathet Lao (PL), with considerable North Vietnamese Army (NVA) support and participation, has usually operated as a more conventional military force. Here he controls many of the larger population centers and is bound for sustenance to the transportation system.

Friendly forces in Northeast Laos, on the other hand, operate more as guerrillas with the restrictions in supply and manpower that are usually associated with that status. From a few "secure" islands within this sea of enemy control, the guerrillas, the Auto-Defense de Choc (ADC) forces of Meo General Vang Pao, conduct harassing activities against the enemy and gather important intelligence data. These data are needed to provide targeting information for friendly strike and interdiction programs against the enemy and his supply lines to Laos and South Vietnam.

Therefore, bound to a more passive role by both necessity and capabilities, these guerrilla forces have not generally had the reason to "stand and fight" except at a few vital locations. Site 85 was listed as one of these vital locations.

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Site 85 Operations Nov 67 - Mar 68

This study does not propose to offer a definitive inquiry into the tactics, use, or problems in operations of the TSQ and TACAN facilities at Site 85 during the period November 1967 to 11 March 1968 - the day it was captured by the enemy. However, some data on TSQ operations are offered to convey the value of this installation to the USAF mission against the enemy.

The TSQ-81 facility at Site 85 was established to help enhance USAF all weather strike capabilities against the northern route packages in North Vietnam and targets in Northeastern Laos. Since the weather over North Vietnam generally turns unfavorable for air operations in mid-October and does not begin to improve until April, it was imperative that the site be operational when the weather deteriorated. It became operational at the end of October.^{4/}

Excluding Route Package I, the following data indicate the use of the TSQ-81 facility in directing actual strikes against North Vietnam.^{5/}

	<u>Nov</u>	<u>Dec</u>	<u>Jan.</u>	<u>Feb</u>	<u>Mar 1-10</u>
Total Missions	153	94	125	49	6
Missions Under Commando Club (TSQ-81) —	20	20	29	27	3
Percent under Commando Club — — —	13.0	21.3	23.2	(55.1)	50.0

Throughout this period, 427 strike missions were flown over the northern portions of North Vietnam. The facility at Site 85 directed 99, slightly over 23% of the total.

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Similar data for actual strikes in the Barrel Roll area of Northeast Laos disclosed the following: ^{6/}

	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar 1-10</u>
Total Missions	268	327	320	375	182
Missions Under Commando Club (TSQ-81)	1	67	33	142	165
Percent under Commando Club	0.4	20.4	10.3	37.8	90.6

The reason for the major differences in data for the month of February and the first 10 days of March as contrasted to earlier figures was that USAF sortie allocations shifted sharply to Barrel Roll to help disrupt the enemy buildup against Site 85. Site 85 was located just West of the B Sector of Barrel Roll. Throughout this period, 1,472 strike missions were flown into Barrel Roll; 408 or 27.7% were directed by Site 85. ^{7/}

Combining the sorties into North Vietnam and Barrel Roll, it can be seen that the site at Phou Pha Thi directed nearly 27% of all strike missions flown in the two areas from 1 November 1967 until the site fell on 11 March 1968. ^{8/}

The Physical Site and Defensive Concepts

In addition to housing the TSQ-81 and TACAN (Channel 97), Site 85

Our primary location is down the road to the south. The older site consisted of a closed 600-foot runway with associated buildings near coordinates UH6860. The TSQ and TACAN locations were about 1000' from the runway.

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northwest of this point on higher ground at coordinates ^{9/} UH66276106
(20° 26' 42" N 103° 43' 05" E).

The TACAN and TSQ facilities were situated on the western rim of a steep ridge that looked down on a nearby heliport, only 300 yards away and on the same ridge. The ridge ran in a north-northwesterly direction, fitfully rising to the highest point, Phou Pha Thi, at an elevation of 1786 meters, about 2 1/2 kilometers (km) from the TSQ location. The TSQ/TACAN elevation was about 1700 meters, or about 5580 feet; the heliport elevation was about 5300 feet. This ridge, generally called Phou Pha Thi in its entirety, dominated the local ^{10/} area.

For the defense of Site 85, Meo guerrillas were to provide the primary force. Although greatly outnumbered by the potential forces which the enemy could draw upon, the concept for the defense of Site 85 depended on exploiting the unique geography of the area, an intelligence net to warn of approaching enemy forces, and the impact of properly placed airstrikes. At worst, it was envisioned that the necessary technical personnel could be evacuated and the equipment destroyed if the site ^{11/} was in danger of being overrun.

Due to the sensitivity of the site, evacuation could be required for either political or military reasons. The fact remained that, although Site 85 was deemed to be defensively strong, if the enemy was

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SAME STATES AS
WE WERE*

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"judged" to be fully intent on capturing it and withstanding the accompanying losses, the political rules necessitated that the TSQ and TACAN be destroyed and American technicians be evacuated, so that neither these personnel nor the equipment would fall into enemy hands. Sensibly, there could be no pre-established "time" at which to relinquish this increasingly valuable asset; that decision rested on judgment and ^{FINAL AUTH.} ~~THE US AMBOS~~ ^{THE SARO} circumstances. Also, if the enemy posed such a threat to the site that the site was to be destroyed and the personnel evacuated, then there was little sense in "fighting to the last man" to defend what had become only "real estate", bereft of its primary importance. These factors made up the dilemma of the defense of Site 85. ^{12/}

*FILE AMBASSADOR
RAN THE WAR
IN LAOS.* One of the advantages of the TSQ installation at Site 85 was that the system possessed the capability to provide direction of airstrikes in its own defense. Although the U.S. Ambassador in Vientiane had withdrawn blanket approval on 8 December 1967 for Commando Club directed strikes ^{13/} in the Barrel Roll area, he continued to give approval for strikes on an individual basis. ^{13/} In line with this policy, on 23 December he authorized strikes against six enemy "strong points" approximately 20 kilometers east and southeast of Site 85. These targets were only the first to be stipulated as "part of the planned defense of Site 85." ^{14/}

*RESTRICTED
TIME DELAY
PAILS*

*ENFORCE WIM TO
RESTRICTIVE ORDERS
OF WAR.*

*GENE THAT WE
WOULD KILL
CIVILIANS.
THIS COULD
BE A BAD IDEA.*

Four days later a formal plan, in coordination some weeks, was distributed which defined procedures for the self-defense of Site 85.

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The key role in the plan was played by the Local Area Defense Commander (LADC), the local Meo commander. In essence, the plan ^{15/} rested on three assumptions:

- The LADC would have from 1-24 hours notice of enemy concentration or buildup which would indicate an imminent attack.
- The LADC would know the local terrain and potential locations where an enemy buildup might be expected.
- The LADC would have communications contact with the U.S. Embassy at Vientiane as well as the TSQ-81 facility at the site.

The concept was that if the enemy threatened the site, the LADC would coordinate with the Embassy in Vientiane and get authorization to call for airstrikes. With authority given, the Embassy would then notify 7AF that execution authority had been given to the LADC.

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When the enemy attack was imminent, the LADC would contact the Embassy and receive final execution authority. Thereupon, the LADC was authorized to notify the TSQ-81 commander of the requirement for the strike and supply him with the target coordinates (hopefully pre-computed, otherwise a 10-minute delay ensued).

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up to Air Horizos
air force points*
At this point, the TSQ commander was to contact 7AF via secure voice and request the strike force. Seventh Air Force was then to provide the strike forces as circumstances and time allowed, even calling upon the Airborne Command and Control Center (ABCCC) to divert airborne missions if necessary.

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Aircraft were to be vectored to TSQ control and the strikes would be carried out. Strikes conducted under emergency conditions were authorized within a 600-foot proximity to friendly forces; otherwise 1000 meters was the limit. Authority for requesting additional strikes rested with LADC who would coordinate the need with available air or ground observers.^{17/}

Estimated Enemy Objectives

In a December 1967 briefing for CINCPACAF, a CAS representative discussed estimates of upcoming enemy objectives in Northeastern Laos:^{18/}

"Because of his complete dependence on surface transportation, the enemy must mount all his major offensive actions during the dry season. The dry season generally starts in mid-October and continues until June. The major advantage which the enemy has is the stiffening of the PL force by first class NVA military personnel and the fact that the enemy can reinforce at will by bringing in additional NVA units from North Vietnam at any time during the dry season.

"All available intelligence which we believe to be reliable and relatively complete indicate that the enemy plans to capture the following objectives during the coming dry season: Site 220, Site 205, Site 36, Site 85, and Site 201.....during November the enemy trucks and troops entering Laos have increased at an alarming rate."

It was further estimated that the enemy would apply pressure to General Vang Pao's southern defensive line which protected Vientiane and the Mekong River valley. Apparently the enemy hoped that pressure on General Vang Pao would prevent him from sending reinforcements to frustrate enemy plans in Sam Neua province near the Vietnamese-Laotian border.^{19/}

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Correspondence Annexes
CIA

CAS

18/

WE WERE STILL
TO HAVE ASSUMED
NOTICE TO GET ON
TO DO SWEAT

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Enemy Clearing Operations

With the addition of 3 NVA battalions in November, the enemy began a concentrated effort to clear friendly forces away from their vital Routes 6, 68, 611 which ran from near the North Vietnamese-Lao border northeast of Sam Neua towards the ^{20/} Plaine des Jarres. All of the sites mentioned earlier as estimated enemy objectives were located within approximately 15-25 kilometers (km) of these routes.

One of the first clearing operations occurred on 19 November 1967, when an enemy force of 150 men attacked Site 179 (Ban Nhot Phat, 20 km west of Route 68 and 17 km south of Site 85, Phou Pha Thi). After a short, spirited defense, friendly troops withdrew to the north and by ^{21/} 24 November they were able to reoccupy Site 179 virtually unopposed.

For the succeeding weeks, PL/NVA activity was concentrated mainly in areas east and southeast of Highway Routes 6, 68, 611, and many of the friendly outposts in this area were captured by the enemy. Along with the outposts, Site 220 fell on 6 December 1967. In addition, the enemy continued to build up supplies and manpower. ^{22/}

Informants in the Sam Neua area had given information to friendly sources that enemy activity was not to be limited to areas east of the highway routes. Troops of two enemy battalions who had moved southwest from Sam Neua, on 5 December 1967, had boasted that Houei Kha Moun (Site 111, only 10km north of Site 85) and Phou Pha Thi (Site 85) were ^{23/} also to be captured in December.

WE WERE KEPT AWAKE OF ALL THE ABOVE ACTIONS

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~~TOP SECRET NOFORN~~The First Attempt

On the evening of 15 December 1967, an estimated two enemy companies probed ADC defenses near Phou Den Din (UH7660) only 12 km east of Site 85. After dark, contact with the enemy was broken. Early the next morning, 30 enemy troops attacked and captured these same ADC positions, but ADC forces recaptured them later in the day. Repulsed, the enemy returned with mortars and by 1700L on 16 December began shelling Phou Den Din. The defenders held out and this initial move toward Phou Pha ^{24/} Thi degenerated into mere harassment.

Two companies of PL were sighted two days later moving toward Phou Den Din. Although it was not established whether these were the same two companies which had attacked previously or were reinforcements, this force was struck hard by pro-government aircraft and, by ^{25/} 26 December, were reported returning to Sam Neua. The enemy had been discouraged for the time being; subsequently, he would resume his efforts toward Site 85 with a new twist.

The security of the facilities at Site 85 was an issue of ^{while} ~~constant~~ ^{was BEING} ~~attention~~ ^{PAID}. As early as 20 October 1967, before the site was judged operational, two so-called "agents" with a camera had been apprehended upon reaching the summit of Phou Pha Thi. However, CAS interrogation, film evaluation, and investigation revealed that the suspects were in fact bona fide Buddhist monks. The CAS final report stated that no pictures of the site or approaches thereto had been

*I DISCUSSED THIS WITH THE CAS. WHAT WERE
MONKS DOING WITH A CAMERA!!*
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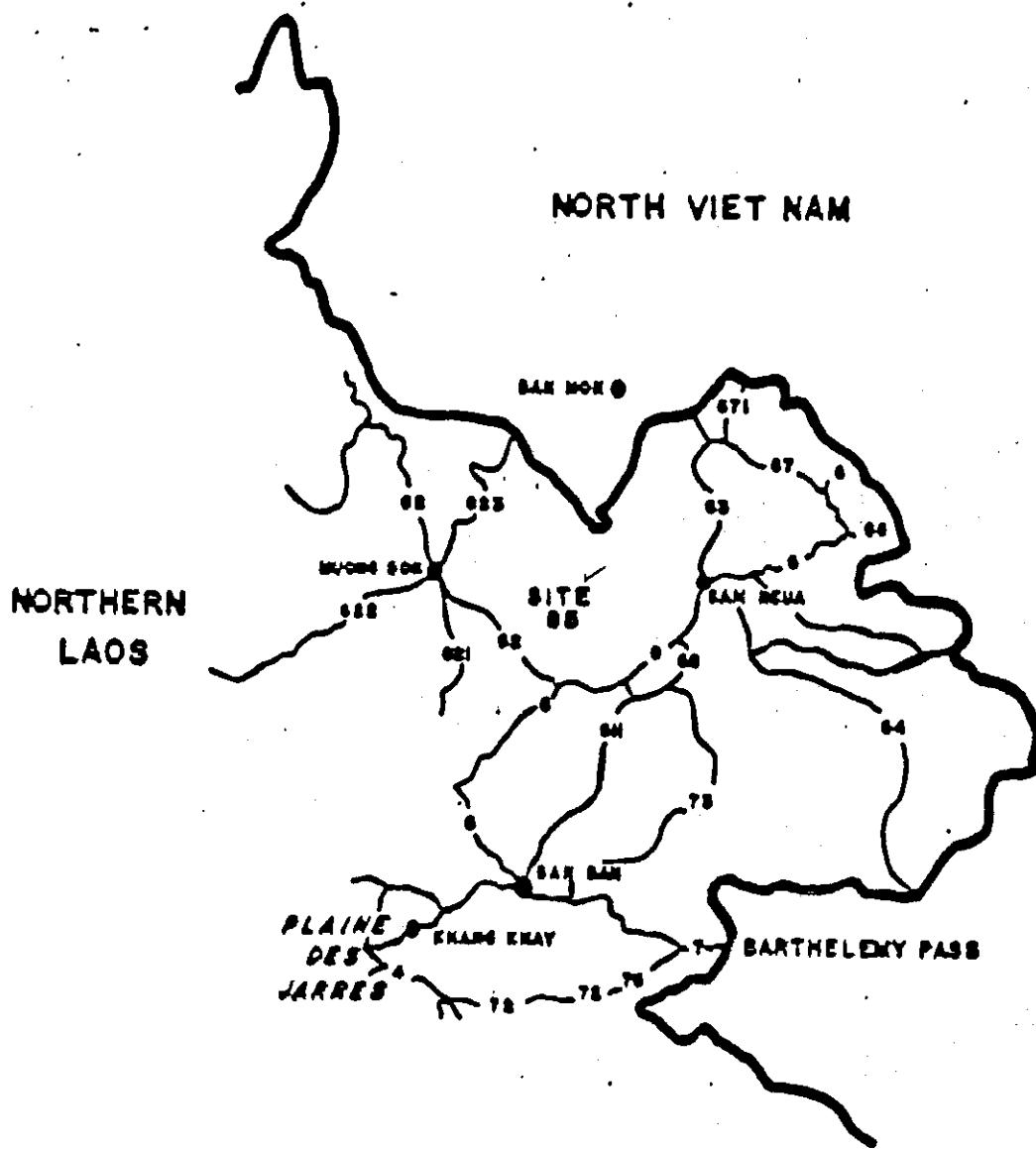


FIGURE 2

FEDERAL BUREAU OF INVESTIGATION

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taken and the interrogation had gained negative results. The monks
were released to Laotian government and military authorities for
further disposition at their discretion. ^{26/}

The increased enemy activity in December continued to prompt ^{27/} responsive concern for Site 85's safety, but the situation in the immediate vicinity remained unchanged. The overrun of Site 61, a TACAN station in Southern Laos, called attention in late December to ^{28/} the security of all TACAN sites in Laos. The American Embassy at ^{29/} Vientiane reported:

*WE ARE
UNPLOTTED
CLOUDS THIS*
["Lima Site 85, Channel 97. CAS had done an analysis of this site... Briefly stated there are 200 troops in immediate vicinity of site; and additional 800 troops in the lower portion of the mountain... believe reasonable security exists and feel that adequate warning will be provided in case evacuation is determined necessary. An emergency plan for evacuation.... exists."]

This same report described the situation at each of three TACAN sites in Laos, and remarked on the potential danger of these sites if the enemy decided on a major commitment of troops. The report ^{30/} concluded:

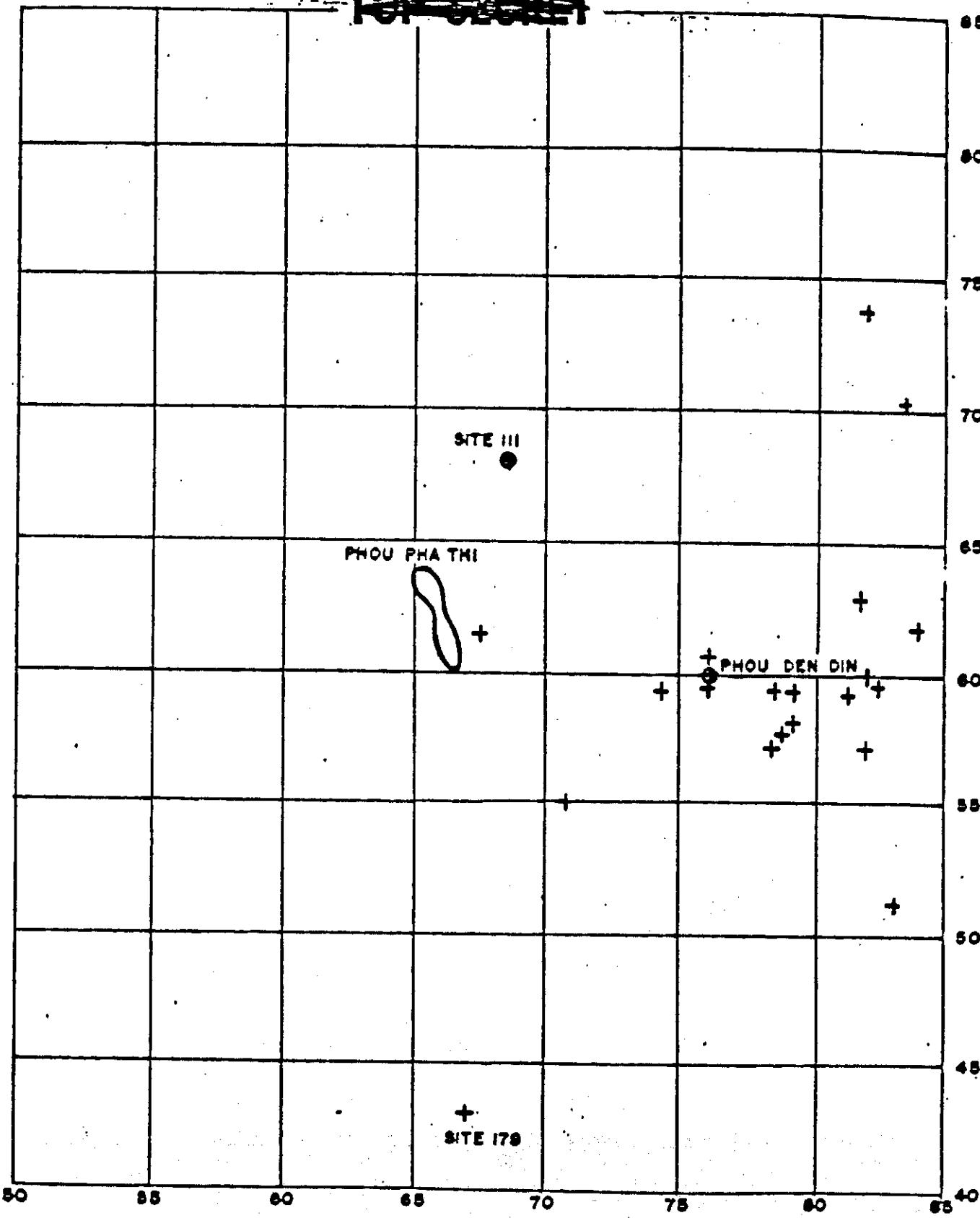
"Also there is always the possibility that a small skilled commando/sabotage team could penetrate and damage/destroy any of the three. The enemy also has the capability of moving artillery or mortars within range of any of the sites. It is the consensus here that, all reasonable precautions are being taken to safeguard the sites."

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PERIODICALS



ENEMY CONTACT LOCATIONS (+)

VICINITY SITE 88
1 DEC 67 - 12 JAN 68

FIGURE 3

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Enemy Activity in January

Site 111 (UH 6868), some 8 km north of Site 85, received minor shelling on the last day of 1967. There followed 10 days of relative inactivity in the close proximity of Phou Pha Thi (Site 85), although scattered sightings were reported 15 km to the east. ^{31/}

The enemy continued to clear out friendly pockets east of the highway routes and a CAS report of 8 January commented on the enemy's effectiveness in this endeavor: ^{32/}

"The enemy has succeeded in driving most of the pro-government forces from the area east of Route 6. This will affect the road-watch coverage of this key enemy supply line into the area east of Kakheng and into Xieng Khouang Province. General Vang Pao will probably soon attempt to replace units again."

A minor jolt to the security of Site 85 was received on 10 January when a five-man PL patrol was discovered only two km north of Site 85 and at the base of the ridge. ^{33/} They were dispersed, withdrawing to the north. A major jolt came two days later.

Enemy Air Attack

The enemy's second attempt against Site 85 came in the form of a surprise attack. CAS reported 13 January 1968: ^{34/}

"Four dark green aircraft flying in a north-westerly direction passed the vicinity of Muong Sang (UH 8350) at 1300 hours on 12 January. When the four reached Ban Houei Soui (UH 7852), two of the aircraft broke from formation and orbited in

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you could see it from some distance.

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caught this 1st
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2nd & 3rd
3rd & 4th

the Houei Souk area, while the second two aircraft, which were AN-2 Colts, continued to Phou Pha Thi (UH 6860) and commenced bombing

more while flying on an approximate heading of

304 degrees."

ROCKETS FIRED AT THE
REPORTS 2 120MM MISSES BY QUOTE & B7

WITH THREE PASSES, THE TWO RUSSIAN-MADE COLTS ROCKETED, STRAFED,

AND BOMBED THE SUMMIT OF THE MOUNTAIN. TWO WOMEN CIVILIANS AND TWO

GUERRILLAS WERE KILLED, AND TWO GUERRILLAS WERE WOUNDED. ONE OF THE
ATTACKING COLTS WAS SHOT DOWN AND CRASHED AND BURNED NEAR UH 606865.

APPARENTLY TWO CREW MEMBERS ESCAPED AND AN ADC TEAM REPORTED NOTHING
WAS SALVAGEABLE AT THE CRASH SITE. THE OTHER ATTACKING AIRCRAFT

WAS ALSO HIT AND CRASHED SOME 25 KM TO THE NORTHWEST WHILE TRYING TO
CLEAR A RIDGE AT UH 570895. A GROUND TEAM RECOVERED NUMEROUS PIECES

OF EQUIPMENT FROM THIS SECOND WRECKAGE AND FOUND THREE DEAD CREW
MEMBERS. THE BODIES WERE IDENTIFIED AS VIETNAMESE.

THE SITE
SUFFERED NEGIGIBLE DAMAGE; NO GROUND ATTACK MATERIALIZED.

INITIAL REPORTS STATED THAT THE ENEMY HAD USED 250-POUND BOMBS.
HOWEVER, SUBSEQUENT INVESTIGATIONS AT THE SITE AND OF THE AIRCRAFT
WRECKAGE BY A 7AF INTELLIGENCE TEAM REVEALED THAT 120 MM MORTAR ROUNDS
HAD BEEN CONVERTED TO "BOMBS". DROPPED THROUGH TUBES IN THE FLOOR OF
THE AN-2, THE "BOMBS" BECAME ARMED IN THE SLIP STREAM AND DETONATED
ON IMPACT. THE ROCKETS WERE 57 MM, AND WERE CARRIED IN ROCKET PODS
UNDER THE WING OF THE AN-2.

THE SUCCEEDING DAY, THE EMBASSY AT VIENTIANE COMMENTED ON THIS
ATTEMPT:

UNCLASSIFIED

~~TOP SECRET INFORM~~

AS A RESULT
WE WERE ISSUED
A 40 MM POLISH
ANTI AIRCRAFT WE TOOK
END WHICH WE TOOK
TURNS MANHOLES
DOUBT IF ANYONE
WOULD HAVE
HIT ANYTHING BUT
IT HELPED MORTAR

"We can conclude that aerial attack represented enemy effort to get at navigation facility which could be breached on ground only at heavy cost. Theoretically, enemy could resort to this technique again, either at Site 85 or elsewhere. However, it should be noted that this attack was largely unsuccessful and two aircraft were lost.

"On basis of available information we regard aerial raid as highly unusual variation in normal pattern of enemy tactics and do not believe this one incident necessarily introduces new dimension to war in Laos we are presently reviewing questions of air defense at Site 85...."

Apparently the enemy was also aware that the air attack had been "largely unsuccessful", for within a few days he began further troop movements toward what became the third and final attempt to take Phou Pha Thi (Site 85).

Preparation for the Final Attempt

Discounting the exception of a few probes, the flushing of the PL five man patrol, and the repulsed attempt at Phou Den Din (12 km east of Phou Pha Thi) in mid-December, the enemy had made no determined ground moves against Site 85 prior to mid-January.

Almost at once, following the unsuccessful Colt attack of 12 January, this trend was reversed. On 14 January, a force of about 300 PL and NVA troops equipped with mortars and one recoilless rifle (RR) were located only 15 km north-northeast of Site 85. By 17 January, 100 enemy troops had shifted to positions only 13 km north of Phou Pha Thi (Site 85) and enough concern was generated by these moves to induce Lao refugees to begin fleeing the Site 111 area (8 km north of Phou Pha Thi).

~~TOP SECRET INFORM~~

~~TOP SECRET NOFORN~~40/

CAS commented on the 20th:

"If the enemy could move in large numbers of troops into an area north of Phou Pha Thi, he would have the second jaw for a pincer movement. Probably the first indication of a serious enemy intent to take Phou Pha Thi would be the capture of Phou Den Din (UH 7661)...."

That indication was not long in coming. An informant had reported that on 19 January a five battalion group of PL and NVA had moved west from Sam Neua (VH 0158). These units separated into two task forces, one force of three battalions with one 105 mm howitzer moved allegedly to attack Phou Den Din, 12 km east of Site 85 (UH 7661); the other two battalions, also possessing a 105 mm howitzer, were to capture a location about 19 km southeast of Phou Pha Thi. 41/

Three days later these positions, as well as Site 179 (17 km south of Site 85), fell to the enemy. 42/ A pattern of encirclement of Phou Pha Thi from the north clockwise to the south was beginning to take shape.

This pattern was not ignored by friendly forces at Phou Pha Thi. They fully realized that the enemy could mount a heavy assault against Site 85 if he was willing to accept the losses. They were also aware that a combined attack of artillery and mortar fire and a ground assault, with a repeat AN-2 Colt attack, was a possibility. But as January drew to a close, the primary concern of the defenders of Site 85 was the threat of the enemy moving near enough to direct artillery, mortar,

14

UNCLASSIFIED

~~TOP SECRET NOFORN~~

UNCLASSIFIED

~~TOP SECRET/NOFORN~~

43/ and rocket fire against Phou Pha Thi.

Defensive Reactions in January

Subsequent to the AN-2 Colt attack, the air defense of the site had been bolstered by the addition of two captured 12.7 mm antiaircraft guns, and later a captured Russian 85 mm antiaircraft gun. Reinforcement of the garrison at that time was not deemed necessary. However, to counter the threat of enemy artillery firing from long ranges and the enemy concentrating supplies and men against the site, four measures were taken. First, the guerrillas planned to maintain a 12 km defensive perimeter around Phou Pha Thi. Second, a 105 mm howitzer was transported by helicopter from Site 98 to Site 85. ^{47/} Third, the guerrilla defenders in the area stepped up their small patrol activity to identify and locate enemy positions for subsequent airstrikes. Finally, on 2 February General Vang Pao placed one of his two top field commanders in charge of the Phou Pha Thi area and gave him the mission of recapturing certain positions, among them Phou Den Din and Site 179. ^{48/} However, these two positions were never retaken.

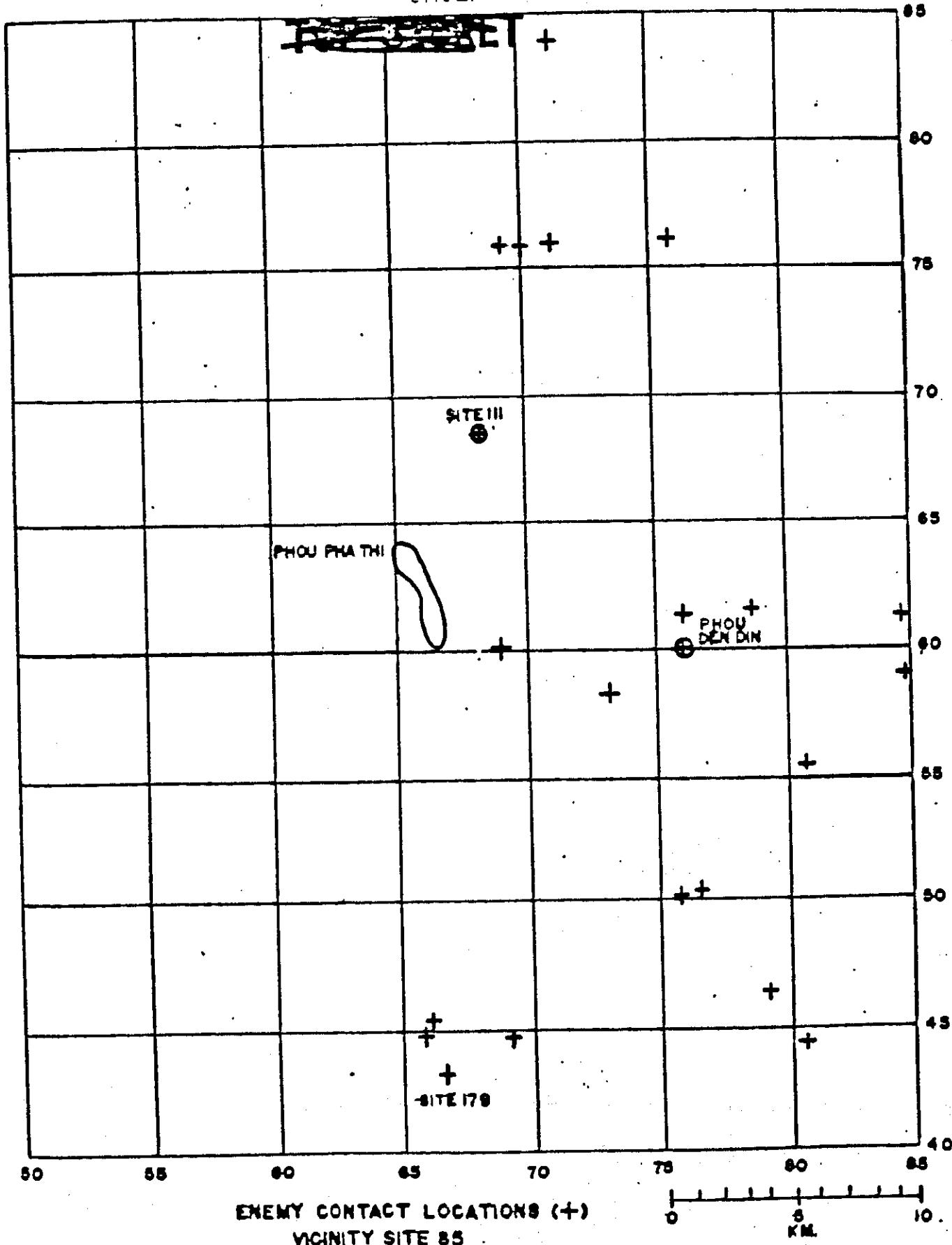
Airstrike Support for Site 85

The following information, for the period 1 December 1967 - 31 January 1968, indicates the total USAF air commitment in actual strike sorties in Barrel Roll and the generally increased attention devoted to the Site 85 area (primarily east of Site 85, from which direction ^{49/} the threat was developing):

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~~TOP SECRET/NOFORN~~

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UNCLASSIFIED

~~TOP SECRET~~

Dec Jan

903 798

128 165

KM Sorties in Barrel Roll

Sorties within 30 km of Site 85

5/8/70
will
The general, though certainly not exclusive, modus operandi was to launch A-1 aircraft to strike targets in the morning; these aircraft would then perform as FACs for later fraged and diverted jets. Similar strike activities were conducted in the afternoon, although by no means were all strikes FAC-directed. During hours of darkness, A-26s were used to patrol the area on armed recce missions. In addition, beginning the end of November, the Site 85 facility began directing strikes in the Barrel Roll area.

Procedures had already been established for Site 85 to direct air-strikes in its own defense. Although by the end of January, 92 strike missions in the Barrel Roll area had been directed by the site, no test of self defense strike procedures had been conducted. On 25 January, such a "test exercise" was initiated by the site. However, the test was not pre-announced and was not coordinated with higher headquarters beforehand. Furthermore, the proper procedures were not followed. Under such circumstances, and where there had been no prior indication of actual danger to the site, difficulties developed in trying to provide the requested support for a "test" when resources were vitally needed elsewhere for combat operations.

At the site, this test was judged a failure, but even with the unfavorable conditions under which the test was held, the exercise was

~~TOP SECRET~~

~~TOP SECRET NOFORN~~

anything but a total loss. Subsequently, additional procedures for conducting tests were worked out. ^{54/} Other changes in actual procedures, described later in this study, greatly simplified operations as more experience was disseminated and the enemy threat mounted. When circumstances called for actual implementation, there was no repeat of the difficulties experienced in the test.

NO TELLS

It has already been pointed out that during the month of January, 165 actual strike sorties were flown within 30 km of Site 85, mostly to the east where the threat was building. Over 64% of these were launched after 22 January, and followed the enemy successes at Phou Den Din and to the south. The number of strikes rose to a peak on 30 January when 45 sorties, over one-quarter of the monthly total, hit within the 30 km area of Site 85. This increased effort was permitted by the fact that no ROLLING THUNDER missions flew on that day due to the Tet truce. ^{55/}

On the 31st, the same day as the outbreak of the Tet Offensive in South Vietnam, no strikes hit within 30 km of Phou Pha Thi. On 1 February, thirty strike sorties hit around Site 85. This was followed by twelve days of reduced air activity in close proximity to the site. Of the 473 strike sorties which USAF flew within 30 km of Site 85 in February, only 52 were flown from 1-13 February. ^{56/}

Midway in this period of relative inactivity, on 7 February, 7AF at Tan Son Nhut queried the office of the Air Attaché in Vientiane ^{57/} about the dangers to Site 85. The message ended:

~~TOP SECRET NOFORN~~

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~~TOP SECRET POKORN~~

"Do you have targets in area on which you desire strikes? 7AF will attempt to provide whatever assistance deemed necessary to insure safety of LS-85."

The Attache Office responded the next day, 8 February, summarizing
58/
the defensive situation:

"[The approaches to the top of Phou Pha Thi are]... virtually a vertical climb and those avenues which can be traversed are heavily mined... The enemy is presently maneuvering up to, and occasionally inside a 12 km radius of Phou Pha Thi. He is probably trying to get into position to mount a combined 105 mm plus mortar assault to be followed by ground probes. CAS ADC troops are maintaining a 12 km perimeter around the site and as long as they are able to do this, do not believe Site 85 can be taken."

ALTHOUGH THE ARMY HAS SADORE & CPS

The message from the Attache Office went on to state that if the enemy concentrated a large enough force (four battalions) and was willing to accept the losses, Phou Pha Thi could be taken. This course was expected to be preceded by sufficient warning to permit site destruction and evacuation. Regarding airstrike requirements, the message concluded:

"In order to prevent the enemy from concentrating the necessary force to assault this position, responsive air strikes are a vital ingredient. We now have in place on Phou Pha Thi a forward air guide capable of directing such strikes. In addition we have validated nine targets outside of the 12 km perimeter to the east for Commando Club strikes if enemy activity is noted... Appreciate your offer of assistance. We feel that daily and nightly strike sorties on a regular daily basis will do much to discourage troops and/or artillery from concentrating in the area and at the present we have no special target requiring special assistance."

ENEMY IN
WEAK POSITION

THE 6TH MEDEVAC

~~TOP SECRET POKORN~~

~~TOP SECRET NOFORN~~Enemy Activity 22 Jan-16 Feb

After capturing Phou Den Din on the early morning of 22 January, the enemy lapsed into relative quiescence until the evening of 30 January. It should be remembered that during this period, USAF strikes near Phou Pha Thi were reaching the peak for the month of January. Intelligence estimates remarked that the enemy was probably waiting until he could move 105 mm howitzers into positions from which to bombard the site. ^{60/} ^{61/}

^{7:30 P.M.}
About 1930L, on 30 January, enemy troops exploded defensive mines off the southern end of Phou Pha Thi. This was followed by a thirty-minute enemy mortar attack around the southern outpost high on the ridge. ^{62/} After this, contact with the enemy was broken. The TSQ commander quickly reported that while there had been an attack near the site, it amounted to no more than a probe. Furthermore, there had been no injuries to personnel at the site nor damage to the equipment. To be safe however, flare ships and A-26s were directed to the area but nothing more developed. ^{63/} Later assessments confirmed that no enemy troops had reached the top of the ridge; only the bottom defenses had been tested. ^{64/}

*WITH THIS
RADAR
WE BOMBED A
THIS PLACE
SHOOTING AT THE
KILLERS IN THE
VILLAGE*
That same evening enemy pressure had caused ADC troops to pull out of a village, Muong Yut, only nine km southeast of Phou Pha Thi. Evidently, this enemy pressure had been exerted by only a small force and ^{65/} the position was later recaptured.

From the period 31 January - 16 February, enemy contacts were few; however, enemy units encountered were generally of near company or

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~~TOP SECRET NOFORN~~

even battalion size. Perhaps significantly, one near battalion-sized force was contacted no more than six km west of Phou Pha Thi; another company sized unit was discovered only 11 km to the southwest. Both of these encounters were the initial contacts to the west of Site 85. The threat remained primarily to the east. On 14 February, Muong Yut, nine km southeast of Phou Pha Thi, changed hands twice again, with the position finally remaining under ADC control. ^{66/}

In general, it appeared that the enemy force, while increasing, was respecting an approximate twelve km circle around Phou Pha Thi. The only exceptions were the contacts west and southwest of Site 85 and the exchanges of the village, Muong Yut. ^{67/}

It was during this period that there existed a definite lull in air attacks against enemy units in the Site 85 area. Apparently, there was no expressed urgent demand for strikes in support of Site 85. Although the Attache Office in Vientiane had informed 7AF on 8 February that "no special target requiring special assistance" existed and only regular daily support was needed, a CAS report of 6 February had described a road under construction from UH 853564 to UH 835572. This construction had been noted since 1 February. ^{68/} On 9 February, CAS reported again concerning this road construction, which was an extension of Route 602 ^{69/}

(Fig. 5): ~~WE CANNOT HAVE KEPT THIS ROAD CLOSED~~
 BUT FOR THE AMBASSADORS' RELUCTANCE TO USE THE
 ROAD. ~~THE FAILURE OF THE AMBASSADORS TO LET US~~
~~"If trafficable, Route 602 would provide the enemy~~
~~with much easier access from Sam Neua to staging~~
~~areas in the vicinity of Ban Hon Non (UH 812553)~~
~~and Phou Chik Nou (UH 8157). It would afford the~~
~~DO SO WHY ONE OF THE PRIME FACTORS IN THE FINAL~~

~~TOP SECRET NOFORN~~

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~~TOP SECRET~~

85

80

75

70

65

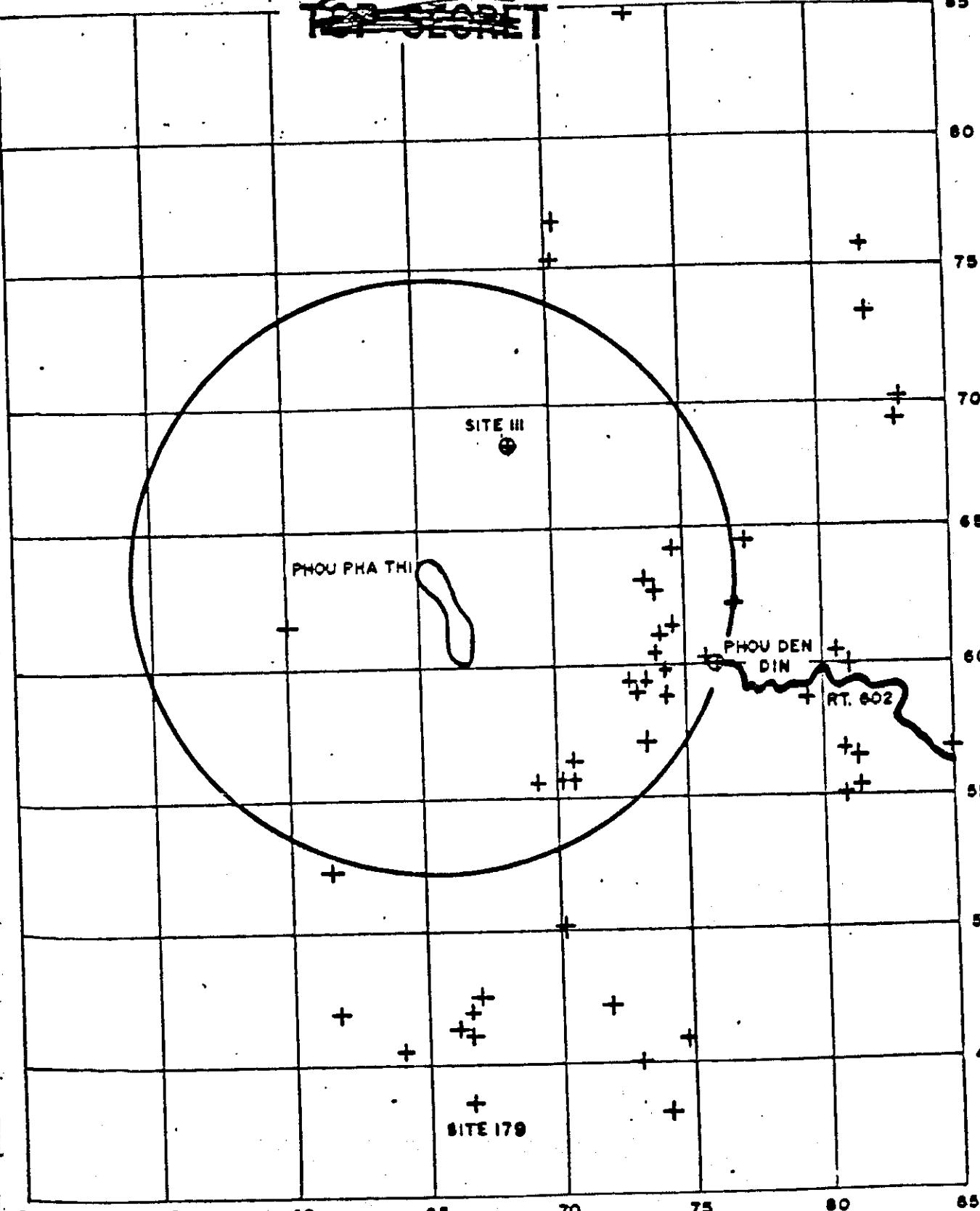
60

55

50

45

40



UNCLASSIFIED

enemy the opportunity to roll in weapons for an attack on Phou Pha Thi. Interpretation of photography dated 31 January reveals intermittent road construction on Route 602 from UH 853563 northwest along the south slope of the ridgeline ... The construction ends approximately one kilometer northeast of the enemy strong point at Phou Chik Nou (UH 817578)."

70/ Trucks were reported rolling on Route 602 on 11 February.

Unsuccessful strikes had been conducted against enemy positions at Phou Chik Nou by 13 February. Apparently the enemy was well dug in. 71/ Although four F-105s, returning with ordnance unexpended against North Vietnam, were directed against Route 602 on 2 February, no other strikes have been identified as having been directed at Route 602 until 14 February. 72/ By 16 February, Route 602 had been extended to approximately one km east of Phou Den Din; 73/ this was only 13 km from Phou Pha Thi.

During this period, the enemy did not attempt to hide his intentions in the area. CAS reports abounded with references to Communist sponsored propaganda meetings in which spokesmen predicted the coming attack on Phou Pha Thi, cautioned villagers to stay clear of the objective, conscripted men to serve as soldiers and coalies, confiscated food supplies, and offered distorted promises of what was to come (a twenty aircraft MIG attack and even Communist Chinese participation if the PL/NVA attempt failed). 74/

Activity in Late February

Although airstrikes began increasing in the Phou Pha Thi area in mid-February, so too, did enemy activity. To the east of Site 85, the twelve km perimeter was penetrated on 20 February. Muong Yut, that

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often exchanged village nine km southeast of Site 85, fell again to the
enemy. Within four days, the ADC was seeking to recapture it. ^{75/}

On 21 February, four additional PL/NVA battalions arrived in Phou Den Din and moved out to positions just inside the twelve km perimeter. ^{76/} However, the attackers of Phou Pha Thi were not able to proceed so easily with their moves against Site 85. Fortune had momentarily favored the defenders.

An ADC ambush some eight km southeast of Phou Pha Thi had killed a small party of North Vietnamese on 18 February. Apparently, one of the victims had been an NVA officer, and recovered from his body was a small notebook which contained detailed information concerning enemy ^{77/} plans and strong points for the coming attack on Phou Pha Thi.

Information from the notebook yielded the following data in ^{78/} addition to enemy positions:

- Three NVA and one PL battalions were to make-up the attacking force.
- Final battlefield reconnaissance was to be conducted on 22 February. (CAS estimated the attack would commence 23 February).
- The enemy used the word "TACAN" as it appears in English and was aware of its exact location.
- The main assault force was to be one NVA battalion attacking from the northeast: the other battalions were to attack the main trails to Phou Pha Thi.
- Stocks of ammunition for all heavy weapons were low and re-supply was needed.

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~~TOP SECRET NOFORN~~

NS, WITH
RABAR 11

Friendly response to enemy activity and the new information was rapid and effective. Already on 17 February the Ambassador at Vientiane had authorized visual and armed reconnaissance missions along Route 602 eastward from Phou Den Din and more targets were authorized around Site 85. ^{79/} Small patrols were dispatched by the ADC defenders to select targets in the local area for artillery fire and airstrikes. Special reconnaissance teams of General Vang Pao's irregulars were even ranging east of Sam Neua trying to identify depots supplying the enemy forces in the Phou Pha Thi region. In addition, two 4.2 inch mortars and another 105 mm howitzer were sent to Phou Pha Thi and the garrison was increased by fifty men. ^{80/}

*THIS GUY WAS
600 FT FROM THE
TOP SECRET NOFORN*

Effective at 1800 on 21 February, the U.S. Ambassador to Laos authorized the LADC at Site 85 to task the TSQ facility to strike any target within a twelve km radius of the peak at Phou Pha Thi. This authorization was limited in that strikes could be placed no closer than 500 meters from known villages and that Commando Club strikes were still to be conducted via secure voice channels through the Radio Relay Aircraft (RRA). A list of nineteen still active villages accompanied the authorization. ^{81/}

Starting 20 February and extending to the fall of Site 85, early on the morning of 11 March, a determined air effort of constantly increasing intensity was directed in its defense. ^{82/} On 23 February, a message from the JCS to CINCPAC denoted that increased air support was "urgently" needed. ^{83/} From 20-29 February, 342 strike sorties

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~~TOP SECRET NOFORN~~

hit within 30 km of Site 85, most much closer than 30 km. In addition, other sorties struck east of Sam Neua against depots and supply concentrations. The latter attacks hit outside of the 30 km area and 84/ were not included in totals listed above.

*WZ CONVOY
HAVE BOMBED
AROUND TACAN
CIVIL BUT
ACTS NOT
WZE NOT
PARTITION
TU DO SO* Route 602 was among the targets attacked, but the enemy had already assigned over 400 road workers the task of keeping this vital line open. Later, bulldozers were also brought in. Except for intermittent closures due to road cuts, the enemy continued to use this artery. There was no doubt that airstrikes and artillery fire were retarding enemy activities, but they were not eliminating his presence or pressure 85/ within the twelve km defensive perimeter around Site 85.

An unofficial estimate by an unnamed staff officer in one CAS report dated 25 February 1968 summed up the status as of that day and 86/ was extremely prophetic of coming events:

"As a result of the enemy's penetrating the 12 kilometer radius around Phou Pha Thi in force and occupying key positions within the lower right hand quadrant of this perimeter as well as positions just outside the perimeter at Phou Den Din, he represents an imminent threat to the security of the TACAN site and other installations at Phou Pha Thi. It is clear that the enemy will continue to attempt to consolidate his gains in the Phou Pha Thi area during the next two weeks while making arrangements for his final assault by three or four battalions. If, however, ADC units continue to harass successfully the enemy on the ground and if aircraft continue to strike enemy concentrations in and around Phou Pha Thi and in the area east of Sam Neua, the TACAN and other sites at Phou Pha Thi will continue to be viable for the next two weeks. It is not possible to predict, however, the state of security at Phou Pha Thi beyond 10 March.

~~TOP SECRET NOFORN~~

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~~TOP SECRET NOFORN~~

because of the enemy's willingness to continue to escalate his commitment in this area."

The American Ambassador in Laos was impressed with this estimate and commented on his feelings concerning Site 85 in a 26 February ^{87/} telegram to the Chief of Staff, USAF:

gen. Mr. Connell

"...Enemy forward movement (toward Site 85) has been inexorable over the past months and neither air or ground resources which are available to us appear adequate to deter his intentions.

"...Although we are not...throwing in the towel, we believe you should be aware of our current estimate that we may be able to assure security of this site for no more than the next two weeks.

"You will recall that, when we arranged this installation, I made clear that our principle defense effort would rest upon guerrilla units who operated with mobile tactics and that we could not...guarantee a static defense. Our irregular units in this area are already stretched thin and have many other significant obligations related to the defense of population centers which make it impossible for us to look with any great hope upon the chances for effective reinforcement. Therefore, the moment of truth may be approaching for this site.

DN 8 MAR 67
THE DS AT
1/13TH AF

THE TSQ is using its own inherent capabilities in the defense effort. Airstrike sorties are being provided in respectable numbers. But, in the final analysis, it seems doubtful that the site can be held in the face of consistent enemy determination.

TOLD ME WE
COULD DEFEND THE
SITE SUCCESSFULLY
WITH AIR POWER

"Therefore, we are in touch with USAF authorities on evacuation and destruction plans. We are fairly confident both should be able to be carried out in orderly fashion. Moreover, we are examining possibilities of finding another useful site in the same general area which will provide roughly the same coverage."

WE FOUND ONE + WOULD HAVE PUT IN
ANOTHER SITE ²⁵ THE ENTIRE NORTHEAST LADS FELL
UNCLASSIFIED TO THE ENEMY AND

~~TOP SECRET NOFORN~~

JOHNSON STOP
THE BOMBING

~~TOP SECRET NOFORN~~

As conceived in evacuation plans, the decision to evacuate was reserved for the Ambassador, Vientiane. First priority of evacuees was allocated to the 13 TSO/TACAN personnel; however, enough helicopters were to be provided to permit a total of 155 to be lifted out. The others, guerrillas, were to be extracted when the Local Area Defense Commander deemed appropriate. Five helicopters, three USAF and two Air America, were designated as the force required to accomplish the evacuation. ^{88/}

*Av
Ar
fue
TAC* To provide an immediate capability, the two Air America helicopters were to remain overnight (RON) each night at nearby Lima Site 98; USAF ^{89/} helicopters were to come from Thailand-based resources. Subsequently, (some USAF messages expressed the desire for Air America helicopters to RON at Site 85) ^{90/} not 98. However, this was not changed; it was feared helicopter presence at Site 85 would have provoked an enemy attempt to destroy these lucrative targets. If they had been destroyed, the planned emergency lift capability would have vanished. ^{91/} But the point was well taken, for weather also might have disrupted the rescue

flight from Site 98 to Site 85. *THIS DECISION DOOMED BILL & COMPANY - THE USAF SHIPPED MI-8 AT BARKSDALE,*

Following a decision to evacuate, the Ambassador was to notify 7/13 AF TACC at Udorn AB, Thailand who could in turn notify 7AF at Tan Son Nhut AB, Vietnam. Weather permitting, 7AF was to scramble or divert four A-1 aircraft to provide cover for the evacuation, suppress enemy fire, and FAC for subsequent jet strikes. The LADC and an attache-provided FAC were to help direct the strikes. The plan

THE GTR MAN~~TOP SECRET NOFORN~~

~~TOP SECRET NOFORN~~

allowed a limited night evacuation capability (the RDN helicopters at Site 98), but pre-supposed a daylight effort. ^{92/}

IN THE END NO EFFORT WAS MADE TO LAUNCH UNTIL Final Enemy Moves FIRST LIGHT

Enemy movements from 1-9 March are depicted in Fig. 6. Through-out the early days of March, enemy forces continued their advance, eliminating friendly pockets of resistance en route, until by 9 March, when the enemy deployed into what might be termed "jump off points", Phou Pha Thi was virtually surrounded, except for the northwest quadrant. The enemy positions also threatened Site 111, only eight km north of Site 85. Approximately four enemy battalions stood poised ^{93/} for the attack.

On 2 March, a review of the USAF rules of engagement for airstrikes around Site 85 revealed the changes which had occurred as the enemy threat mounted: ^{94/}

GOOD WEATHER
OVER 4
A LITTLE
LATE
THIS PERIOD
A RESULT
OF MELOWAN
PRESSURE
ON AMBASSADOR

- Any target in the twelve km defensive perimeter could be struck under FAC control.
- The restriction against strikes within 500 meters of villages only applied to Commando Club (TSQ) directed strikes, unless the target was validated by the LADC.
- Any Commando Club strikes could be diverted by the LADC to validated targets in the twelve km perimeter.
- For a distance of ten km along Route 602 east of Phou Den Din, strikes were authorized under FAC or Commando Club control (this included "Gravel" and CBUS).

~~TOP SECRET NOFORN~~

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~~TOP SECRET NOFORN~~

• Use of CBU and "Gravel" was authorized anywhere in the twelve km perimeter if validated by the LADC and if targets were at least 500 meters from friendly troops.

*AN UNLESS REY
LHARAO INSISTED
UPON BY THO
AND ASSA DORE*
• The restriction of using only secure voice contact with supporting aircraft could be waived with Vientiane Embassy approval when under threat of imminent attack.

"Gravel seeding" was accomplished on some confirmed supply routes ⁹⁵ east of Site 85 on 5 March. CBUs were used in the area around Site 85 in February. The use of CBU under Commando Club control was ^{7AF} ⁹⁶ an innovation. Bombing tables were not available to be used in conjunction with the TSQ, but experience and "know how" of the 7/13AF ^{ANTON} personnel at Udorn AF Base in Thailand allowed them to improvise effectively until precise tables became available.

*THAT'S WHAT TO
BLIZ WENT TO
TAKE SITE* To facilitate around-the-clock capability of the TSQ facility, five more technicians were sent to Site 85 (the total number of Americans was now 19). More targets and sorties were allocated for night operations. On 5 March a message from 7AF to DOCO PACAF indicated conditions for evacuation, relocation of the facility, and remarked on the value of the site. ⁹⁶

*7AF SITE OF THO
WAS ONCE FACTORY IN
SALIENT CONDUCTED
UNCEASINGLY CONDUCTED
OPERATIONS IN THE
NUMBER SCATTERED
FUSION SCATTERED* ...due to the desirability of maintaining air presence over RVN during present inclement weather period, Site 85 probably would not be evacuated until capture appeared imminent. The fact that complete security could not be assured in the original plan is noted....

*WE WERE
STILL TO HAVE
TIME TO GET
OUT BUT
THE SITE WAS IMPOR*

In another message, later on 5 March, from PACAF to the Deputy Commander 7/13AF, with the commanders of 7AF and 13AF as informational

28
UNCLASSIFIED

~~TOP SECRET NOFORN~~

~~TOP SECRET NOFORN~~

97/

addressees, CINCPACAF commented:

"Receiving daily reports concerning growing threat to Site 85. Difficult to evaluate situation from here. Request you consult CAS sources and provide me your estimate of threat, including anticipated time of attack, and friendly capabilities to defend.

"You are authorized to direct evacuation of site and destruction of equipment when in your judgment such action is necessary. Your plan, OPlan 439-68, is approved for this purpose. Keep 7th and 13th Air Forces and this headquarters informed of your intentions this regard. Insure that all preparations are made for emergency evacuation as required."

From 1-10 March, USAF carried out 314 strike sorties within 30 km of Site 85. Over 76% of these were directed by the TSQ facility at Site 85. Among the targets struck frequently was the vital Route 602.

On 29 February, airstrikes had destroyed two bulldozers and killed the operating crews used to supplement road clearing operations. Until serviceable bulldozers could be brought in, work was suspended. However, enemy resupply could not be halted; coolies, too, had been carrying supplies to enemy troops. One of their major routes, just north of Route 602, was subjected to a combined CBU/Gravel raid on 5 March.

Even though the weather in the vicinity of the site had deteriorated, the air attacks continued. But, it was becoming increasingly difficult to estimate enemy strengths and fix their locations because they had deployed into numerous small concentrations.

~~TOP SECRET NOFORN~~

UNCLASSIFIED

~~TOP SECRET~~

65

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75

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65

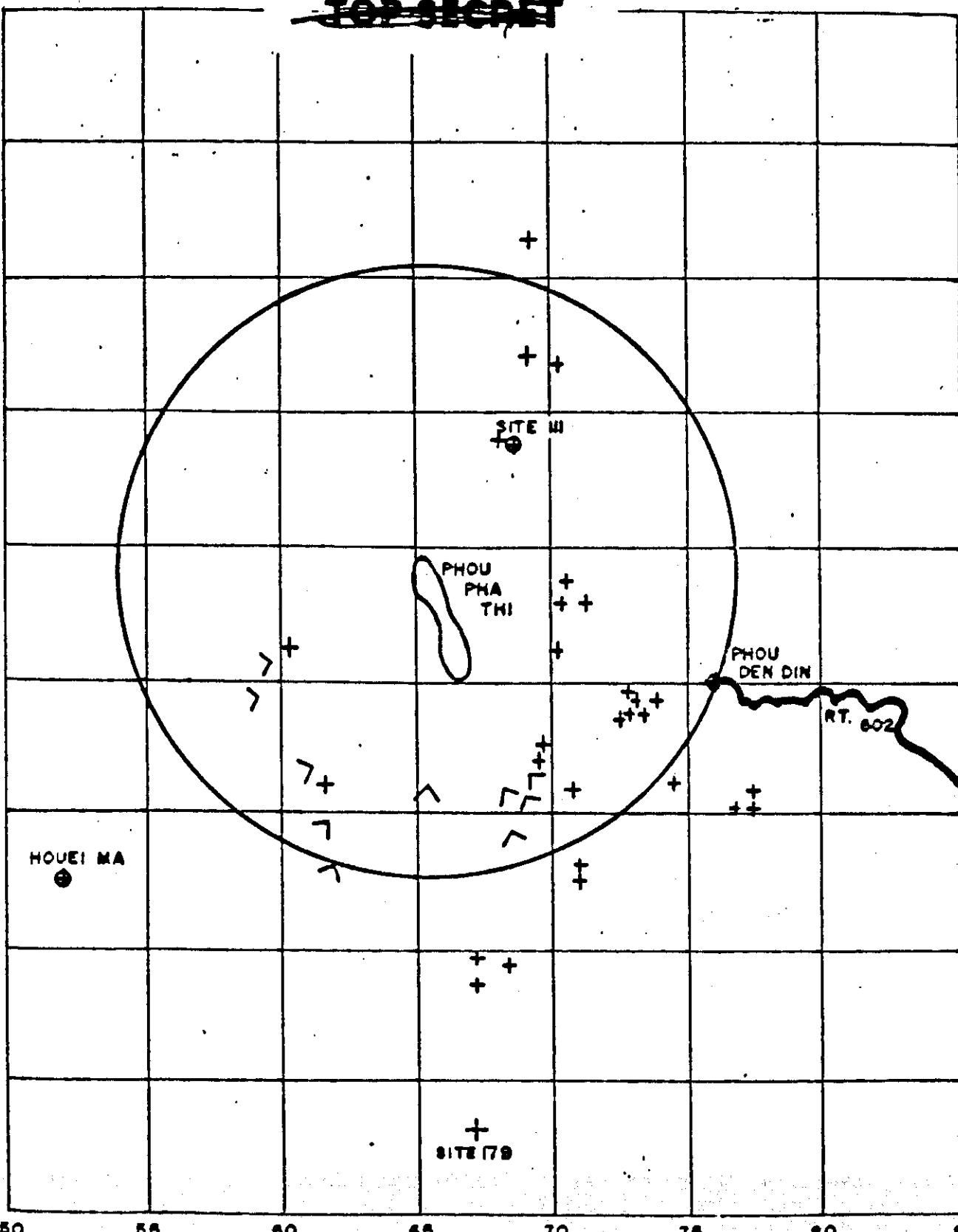
60

55

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45

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TOTAL 1000 ENEMY
WEST TO SOUTH OF
OF PHOU PHA THI
8 MAR 68 ->

ENEMY CONTACT LOCATIONS (+)

VICINITY SITE 85

1-9 MAR 1968

FIGURE 6

UNCLASSIFIED

0 5 10
KM

~~TOP SECRET~~