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USAF MS (CB), 31 May 1974

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~~MANAGEMENT SUMMARY~~

SOUTHEAST ASIA REVIEW (U)

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USAF MS (C6), 6 May 1974

SOUTHEAST ASIA REVIEW  
CALENDAR YEARS 1961-1973

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## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

### 1961

10 Mar National Front for Liberation of South Vietnam announces that a guerrilla offensive against the Republic of South Vietnam will be started to prevent holding elections in South Vietnam on 9 Apr.  
 18 Oct President Diem proclaims state of emergency in SVN.  
 20 Oct PACAF deploys 4 RF-101 aircraft to Tan Son Nhut, SVN.  
 22 Dec First U.S. soldier killed by Viet Cong. *E-wrong - first deaths in July 1955*  
 26 Dec First T-28 strike mission (FARMGATE) flown.

### 1962

2 Jan Four C-123 aircraft (MULE TRAIN) arrive at Tan Son Nhut.  
 7 Jan The first C-123 defoliation aircraft (RANCH HAND) arrive in SVN.  
 2 Feb First AF aircraft (C-123) lost to hostile action in SEAsia.  
 8 Feb U.S. Military Assistance Command, Vietnam (MACV) established.  
 15 May U.S. Military Assistance Command, Thailand established.  
 8 Oct Headquarters, 2d Air Division established at Tan Son Nhut.  
 15 Nov Thirteenth Air Force establishes detachments at Tan Son Nhut and Bien Hoa, SVN, and Don Muang, Thailand.

### 1963

1 Nov President Diem assassinated.

### 1964

May CINCPAC approves introduction of USAF search and rescue (SAR) forces into SEAsia. HH-43 detachment deployed to Nakhon Phanom, Thailand.  
 8 Jun Six F-100 aircraft arrive for temporary duty at Takhli, Thailand.  
 10 Jul C-130 aircraft fly first electronics reconnaissance mission over Tonkin Gulf.  
 26 Jul President Johnson orders intensification of conflict by sending 5,000-6,000 more U.S. military personnel to SVN.  
 2 Aug North Vietnamese patrol boats attack the U.S. destroyer Maddox in the Gulf of Tonkin.  
 4 Aug USS Turner Joy and Maddox attacked in international waters.  
 5 Aug B-57s from Clark AB deployed to Bien Hoa, SVN.  
 5 Aug F-100s deployed from Clark AB to Da Nang, SVN.  
 6 Aug First AF jet aircraft, B-57, downed by ground fire.  
 7 Aug Deputy Commander, 2d Air Division assumes control over all AF operations in Laos and Thailand.  
 8 Aug First AF aircraft lost in Laos, F-100, downed by ground fire.  
 9 Aug First combat employment of F-105D aircraft in SEAsia.  
 24 Oct U.S. C-130 aircraft shot down over Cambodia.  
 1 Nov Viet Cong mortar attack at Bien Hoa kills 4 Americans, destroys 5 B-57s and damages 15 other aircraft.

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## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

### CONTINUED

1965

|             |                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 7 Feb       | All U. S. dependents ordered out of SVN.                                                                                             |
| ✓ 6 Feb     | First AF attack on North Vietnam.                                                                                                    |
| 12 Feb      | B-52 Contingency Task Force arrives at Andersen AB, Guam.                                                                            |
| 12-13 Feb   | Thirty-two KC-135 aircraft arrive at Kadena AB, Okinawa.                                                                             |
| ✓ 2 Mar     | First AF aircraft (3 F-105s and 2 F-100s) downed by ground fire in North Vietnam.                                                    |
| 2 Mar       | First AF pilot captured in North Vietnam (Capt Hayden J Lockhart).                                                                   |
| ✓ 4 Apr     | First loss of U.S. aircraft to MIGs. Two AF F-105s downed south of Hanoi.                                                            |
| 7 Apr       | EC-121s move to Tan Son Nhut from Taiwan.                                                                                            |
| 19 Apr      | AF F-104 aircraft arrive at Da Nang.                                                                                                 |
| ✓ 13-16 May | First stand-down of strikes in North Vietnam.                                                                                        |
| 16 Jun      | First ARC LIGHT (B-52) mission flown against suspected Viet Cong targets in SVN. Enroute, 2 B-52s collide and crash at sea.          |
| 6 Jul       | Headquarters 2d Air Division relieved from assignment to Headquarters 13th Air Force and assigned to PACAF.                          |
| 10 Jul      | First MIGs downed by AF aircraft. Two downed by F-4C aircraft firing Sidewinder missiles.                                            |
| ✓ 24 Jul    | First AF aircraft (F-4C) downed by surface-to-air missile.                                                                           |
| 20 Aug      | AF aircraft deployed to SEAsia exceed 500.                                                                                           |
| 16 Nov      | Authority of the Deputy Commander, 2d Air Division at Udorn, Thailand increased to Deputy Commander, 2d Air Division/13th Air Force. |
| ✓ 24 Dec    | U. S. ceases air operations over North Vietnam.                                                                                      |

1966

|          |                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------|
| 30 Jan   | U. S. aircraft attack North Vietnam targets after 37 day bombing pause which began on Christmas Eve. |
| 8 Apr    | 7th Air Force established; 2nd Air Division inactivated.                                             |
| ✓ 8 Apr  | B-52s hit North Vietnam for the first time with a mission against Mu Gia Pass.                       |
| ✓ 26 Apr | First MIG-21 downed over North Vietnam. F-4C scores with SIDEWINDER missiles.                        |
| • 30 Jul | B-52s bomb enemy facilities in demilitarized zone (DMZ) for first time.                              |
| 5 Aug    | AF aircraft losses in SEAsia reach 500.                                                              |
| 11 Aug   | KC-135 aircraft begin flying refueling missions from U-Tapoo, Thailand.                              |
| 15 Aug   | AF aircraft deployed to SEAsia exceed 1,000.                                                         |
| ✓ 10 Sep | First U.S. aircraft (AF A-1E) is shot down in DMZ by North Vietnamese ground fire.                   |
| 1 Nov    | SAC authorized to fly 600 ARC LIGHT sorties per month.                                               |
| ✓ 14 Dec | First loss of AF aircraft to MIG-21 by air-to-air missile over North Vietnam.                        |

1967

|             |                                                                                             |
|-------------|---------------------------------------------------------------------------------------------|
| 1 Jan       | AF officially takes over all Army CV-2 Caribou aircraft (C-7) in SEAsia.                    |
| Feb         | B-52 sorties increase from 600 to 800 monthly.                                              |
| 10 Apr      | First contingent of B-52 aircraft arrive at U-Tapoo, Thailand.                              |
| 25 Apr      | First C-123K transport aircraft with two auxiliary jet engines arrive at Tan Son Nhut, SVN. |
| 20 May      | Two O-2B aircraft arrive at Nha Trang for assignment to psychological warfare operations.   |
| 22 Jul      | O-2A aircraft arrive at Da Nang as replacements for O-1E FAC aircraft.                      |
| Aug         | A-37s join Special Air Warfare Forces in SEAsia.                                            |
| 14 Aug      | WALLEYE modified F-4D aircraft flies first mission.                                         |
| 7 Sep       | Combat sorties in SVN exceed one million (Jan 65 - Sep 67).                                 |
| 30 Sep      | U.S. casualties caused by hostile action exceed 100,000.                                    |
| 16 Oct      | AF aircraft deployed to SEAsia exceed 1,500.                                                |
| 19 Oct      | AF aircraft losses in SEAsia pass 1,000 mark.                                               |
| ✓ 27 Oct    | Two-thirds of North Vietnam jet aircraft are moved into Southern China.                     |
| ✓ 24-25 Dec | Christmas cease-fire. Airstrike operations and armed reconnaissance halt for 2 days.        |

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## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

### CONTINUED

1968

|          |                                                                                                                                 |
|----------|---------------------------------------------------------------------------------------------------------------------------------|
| 29 Jan   | Tet offensive begins. Between 29 Jan and 29 Feb, 179 AF aircraft destroyed or damaged due to hostile mortar and rocket attacks. |
| 1 Feb    | B-52 sorties increase from 800 to 1,200 monthly.                                                                                |
| 15 Feb   | B-52 sorties increase from 1,200 to 1,800 monthly.                                                                              |
| 15 Mar   | Six F-111 aircraft move from Nellis AFB to Takhli, Thailand for 6 month period.                                                 |
| 28 Mar   | First F-111 lost in SEAsia.                                                                                                     |
| ✓ 31 Mar | President limits North Vietnam bombing to area south of the 19th parallel.                                                      |
| 2 May    | First Air National Guard F-100 squadron moves to SVN.                                                                           |
| 3 May    | Paris selected as site of Vietnam peace talks.                                                                                  |
| 11 May   | Death toll for week ending 11 May is 562, highest of war.                                                                       |
| Jul      | Air Commando units and helicopter squadrons in PACAF are redesignated as Special Operations units.                              |
| 23 Aug   | OV-10 aircraft arrive in SVN as supplement for O-1 and O-2 aircraft.                                                            |
| 6 Sep    | F-111 unit deployment to SEAsia extended from Sep to 31 Oct.                                                                    |
| 13 Sep   | First hostile death in Thailand.                                                                                                |
| 4 Oct    | First KC-135 lost in SEAsia.                                                                                                    |
| ✓ 1 Nov  | President orders cessation of North Vietnam bombing.                                                                            |
| 17 Nov   | First F-4E aircraft arrives in SEAsia.                                                                                          |
| 22 Nov   | Five F-111 aircraft return to CONUS.                                                                                            |
| 22 Dec   | First AC-119 aircraft arrives in SVN.                                                                                           |
| 25 Dec   | Christmas Day cease fire                                                                                                        |
| 28 Dec   | Aerospace Rescue and Recovery Service (ARRS) combat saves in SEAsia surpass 1,500.                                              |

1969

|           |                                                                                                                                                                                           |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 23 Jan    | AF aircraft losses in SEAsia exceed 1,500.                                                                                                                                                |
| 23 Feb    | New enemy offensive initiated. Emphasis on U.S. installations, field forces, and population centers.                                                                                      |
| 29 Mar    | American deaths in SEAsia exceed Korean toll - 33,642 as compared to 33,629.                                                                                                              |
| Apr       | SEAsia hostilities programmed to extend through FY 4/71.                                                                                                                                  |
| 2 Apr     | Operation COMPASS COUNT begins with utilization of 4 laser camera equipped RF-4 aircraft over Laos.                                                                                       |
| Apr       | Enemy to friendly killed-in-action (KIA) ratio increases to 9.2 to 1, highest of the war.                                                                                                 |
| 8 May     | National Liberation Front offers 10 point proposal for peace at Paris talks.                                                                                                              |
| 11-14 May | Communists intensify action with 64 ground and 63 rocket and mortar attacks.                                                                                                              |
| 8 Jun     | President Nixon meets with Nguyen Van Thieu, President of the Republic of Vietnam, at Midway to discuss SEAsia conflict. Withdrawal of 25,000 U.S. servicemen from SVN by Sep 69 ordered. |
| 13 Jun    | Last of 7 Air National Guard units in SEAsia return to CONUS.                                                                                                                             |
| 8 Jul     | Redeployment of 25,000 U.S. military personnel from Vietnam begins (Operation KEYSTONE EAGLE).                                                                                            |
| 22 Jul    | ARC LIGHT sorties reduced from 1,800 to 1,600 per month.                                                                                                                                  |
| 29 Aug    | Operation KEYSTONE EAGLE redeployment completed.                                                                                                                                          |
| 2 Sep     | Ho Chi Minh dies.                                                                                                                                                                         |
| 8 Sep     | Three-day cease fire in honor of Ho Chi Minh.                                                                                                                                             |
| 16 Sep    | Second round of troop withdrawals announced by President. Withdrawal of 35,000 U.S. servicemen from SVN by 15 Dec 69 is ordered (Operation KEYSTONE CARDINAL).                            |
| 21 Sep    | Operation KEYSTONE CARDINAL redeployment begins.                                                                                                                                          |
| 30 Sep    | President announces decision to redeploy 6,000 military personnel from Thailand by 1 Jul 70.                                                                                              |
| 1 Oct     | Four VNAF H-34 squadrons converted to UH-1s become operationally ready.                                                                                                                   |
| 1 Oct     | First VNAF UH-1 class graduates from the Defense Language Institute English Language School at Lockland AFB.                                                                              |
| 6 Oct     | VNAF AC-47 squadron provided from AF resources becomes operationally ready.                                                                                                               |
| 20 Oct    | Last standard configuration AC-130 deployed to Udon, Thailand to provide additional self-contained night attack systems.                                                                  |
| 29 Oct    | Office of Special Assistant for Vietnamization established to serve as the Air Staff focal point for Vietnamization matters.                                                              |
| Nov       | Nha Trang AB, SVN transferred to VNAF.                                                                                                                                                    |
| 15 Nov    | Headquarters USAF approves deployment of AC-130 Gunship II (SURPRISE PACKAGE) so as to arrive in SEAsia in early Dec 69 for combat evaluation.                                            |
| 17 Nov    | F-102s on air defense alert at Udon and Da Nang return to home station at Clark AB, Philippine Islands.                                                                                   |
| 24 Nov    | All remaining F-105 assets in SEAsia (4 tactical fighters squadrons) consolidated at Takhli, Thailand to maximize management efficiency.                                                  |
| 15 Dec    | President announces withdrawal of 50,000 more troops from SEAsia by 15 Apr 70.                                                                                                            |
| 25 Dec    | Christmas Day cease fire.                                                                                                                                                                 |
| 24-31 Dec | Total military personnel hostile deaths in SEAsia exceed 40,000.                                                                                                                          |

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USAF MS (CB), 31 May 1974

## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

CONTINUED

JAN - JUN 1970

Jan Secretary of the Air Force authorizes in-theater modification of remaining 6 AC-130As to an interim SURPRISE PACKAGE configuration.

Jan ARRS combat saves in SEAsia surpass 2,000.

20 Jan Planned input of 68 Vietnam Air Force (VNAF) helicopter pilot students per class at the Defense Language Institute English Language School reduced to improved testing procedures in Vietnam.

20 Jan VNAF Air Training Command at Nha Trang and other in-country schools expanded.

22 Jan Reduction and redistribution of SEAsia Tactical Air Control System resources begin, to continue as applicable ground forces are withdrawn and VNAF participation increases.

✓ 28 Jan First MIG encounter since Nov 68 bombing halt. HH-53 in orbit over Laos waiting to be cleared into North Vietnam to attempt pickup of F-105 aircrew down to ground fire is intercepted and shot down by a MIG-21, using air-to-air missiles.

Feb RF-4 training at Bergstrom AFB terminated because of reduced SEAsia requirements.

Mar Binh Thuy AB transferred to VNAF.

15 Mar 16th Tac Recon Sqdn moves from Tan Son Nhut to Misawa, AB, Japan, leaving 1 RF-101 squadron and 1 RF-4 squadron in RVN, and 2 RF-4 squadrons in Thailand, to support SEAsia tactical reconnaissance requirements.

18 Mar AF Deployable Automatic Relay Terminal 1 (DART 1) terminates operations because it was redundant to subsequently collocated US Army Battlefield Area Surveillance System (BASS).

20 Mar Secretary of Defense approves request by JCS to redeploy to CONUS B-52 aircraft and associated assets in excess of those needed to maintain a monthly rate of 1400 sorties.

✓ 28 Mar First MIG kill since Nov 68 bombing halt. US Navy F-4J shoots down MIG-21 from North Vietnam, using 2 AIM-9D air-to-air missiles.

31 Mar Three F-4C squadrons of the 12th Tac Ftr Wg at Cam Ranh Bay inactivate, with assets returning to CONUS.

31 Mar 37th Tac Ftr Wg at Phu Cat inactivates, and remainder of 12th Tac Ftr Wg moves from Cam Ranh Bay to Phu Cat.

31 Mar UC-123K authorization reduced from 14 to 8 in FY 4/70 due to budget constraints on herbicide procurement.

1-10 Apr Civil Engineer Sqdns (RED HORSE) at Tuy Hoa and Da Nang withdrawn from theater.

10 Apr Nine AF enlisted personnel killed when battle damaged RF-4C crashes into a building at Udom, Thailand.

16 Apr 1st Combat Engineer Group at Tan Son Nhut withdrawn from theater.

17 Apr VNAF begins air operations over Cambodia, flying an average 55 attack sorties per day.

1 May Contract for all civil engineering operation and maintenance (O&M) at Binh Thuy and Pleiku awarded, to include training of VNAF personnel to accomplish O&M actions after the one-year contract is completed.

1 May President approves use of military forces, including B-52s, against enemy forces operating in specified areas within eastern Cambodia, to terminate 30 Jun 70.

2 May First AF aircraft, F-4, lost to ground fire in Cambodia.

13 May First AF aircrew lost in Cambodia, during F-4 attack sortie.

14 May Defoliation operations cease due to Secretary of Defense restriction on use of herbicide ORANGE and depletion of in-country stocks of herbicide WHITE.

May AF combat sorties over Cambodia exceed 7000.

Jun Pleiku AB transferred to VNAF.

2 Jun JCS forwards to the Secretary of Defense a plan for reduction of 150,000 spaces in RVN, reaffirming requirement for supplemental funding.

5 Jun Secretary of Defense approves Program III, VNAF Improvement and Modernization, to provide 10 additional squadrons for a total of 50 squadrons with 1295 aircraft by the first of FY 74.

19 Jun Deputy Secretary of Defense reaffirms herbicide ORANGE suspension, orders herbicide WHITE buy, and limits operations to minimum.

30 Jun All US ground forces withdrawn from Cambodia.

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USAF MS (C8), 31 May 1974

## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

CONTINUED

JUL - DEC 1970

|           |                                                                                                                                                             |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Jul     | Aerial Port Sqdn moves from Don Muang to U-Tapao, Thailand, with a detachment remaining at Don Muang. MAC cargo flights and C-130s use U-Tapao Facilities.  |
| Jul       | 2,400 VNAF family shelter units approved for construction at 7 locations in RVN, using troop and self-help support.                                         |
| Jul       | Minimal herbicide mission activity resumes with herbicide WHITE.                                                                                            |
| 5 Aug     | First operational mission of Air National Guard EC-121 aircraft retransmitting Cambodian civil radio broadcasts to outlying areas (Operation COMMAND BUZZ). |
| 17 Aug    | B-52 ARC LIGHT sortie rate reduced to 1000 per month.                                                                                                       |
| 30 Aug    | L-29 MAYA jet trainer identified in photographs of Phuc Yen Airfield in North Vietnam.                                                                      |
| 10 Sep    | QU-22B, equipped as a sensor data relay vehicle, successfully completes in-theater evaluation and declared capable of performing IGLOO WHITE mission.       |
| 19 Sep    | B-52 ARC LIGHT operations consolidated at U-Tapao, Thailand, as those at Kadena AB, Okinawa terminate.                                                      |
| Sep       | Redeployment of 31st Tac Ftr Wg with 5 F-100 squadrons from Tuy Hoa to CONUS completed.                                                                     |
| Sep       | 8th Attack Sqdn (A-37s) at Bien Hoa inactivates.                                                                                                            |
| Sep       | 22nd Special Ops Sqdn (A-1s) at Nakhon Phanom, Thailand inactivates.                                                                                        |
| Sep       | UH-1s from the US Army activate VNAF 223rd Helicopter Sqdn at Bien Hoa.                                                                                     |
| Sep       | CH-47s from the US Army activate VNAF 237th Helicopter Sqdn at Phu Loi.                                                                                     |
| 1 Oct     | VNAF 225th Helicopter Sqdn (UH-1s) activates at Soc Trang.                                                                                                  |
| 1 Oct     | VNAF 526th Ftr Sqdn (A-37s) activates at Binh Thuy, ahead of schedule.                                                                                      |
| 15 Oct    | President announces reduction of 40,000 troops from RVN (Increment V) by 31 Dec 70.                                                                         |
| Oct       | F-105 operations out of Takhli, Thailand terminate as 3 squadrons redeploy to other Western Pacific bases or the CONUS and 1 squadron inactivates.          |
| 1 Nov     | VNAF 227th Helicopter Sqdn (UH-1s) activates at Soc Trang.                                                                                                  |
| 3 Nov     | Surface-to-air missile (SAM) equipment photographed in southern North Vietnam, in vicinity of Mu Gia and Ban Karai passes. First confirmation since Apr 70. |
| 4 Nov     | VNAF 524th Ftr Sqdn (A-37s) initiates night ordnance delivery utilizing the SUU-25 flare dispenser.                                                         |
| 4 Nov     | Soc Trang US Army Airfield transferred to VNAF.                                                                                                             |
| 9-13 Nov  | 11th Tac Recon Sqdn (RF-4s) redeploys from Udorn, Thailand to CONUS.                                                                                        |
| 16-20 Nov | 45th Tac Recon Sqdn (RF-101s) redeploys from Tan Son Nhut to CONUS.                                                                                         |
| Nov       | Six EB-66 aircraft from TAC deploy to SEA Asia to augment electronic reconnaissance capability to counter expanding threat to B-52s over Laos.              |
| 21 Nov    | USAF and Army helicopters raid Son Tay prisoner of war camp near Hanoi. No losses.                                                                          |
| 21 Nov    | USAF and Navy aircraft strike suspected SAM and anti-aircraft artillery associated complexes in North Vietnam south of 18° 15'N. No losses.                 |
| Nov       | 6010th Tac Ftr Sqdn (WILD WEASEL F-105s) activates at Korat, Thailand.                                                                                      |
| 1 Dec     | VNAF 229th Helicopter Sqdn (UH-1s) activates at Pleiku.                                                                                                     |
| 1 Dec     | VNAF 528th Ftr Sqdn (A-37s) activates at Da Nang.                                                                                                           |
| 1 Dec     | VNAF 530th Ftr Sqdn (A-1s) activates at Pleiku.                                                                                                             |
| 24 Dec    | Last operational mission of Air National Guard EC-121s flying in support of Cambodian civil radio broadcasts.                                               |
|           | US Army ground radio transmitter in Thailand assumes responsibility.                                                                                        |
| 31 Dec    | Tuy Hoa AB transferred to US Army.                                                                                                                          |
| Dec       | 602nd Special Ops Sqdn (A-1s) at Nakhon Phanom, Thailand inactivates.                                                                                       |

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## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

CONTINUED

JAN - JUN 1971

|        |                                                                                                                                                                                                            |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 Jan  | VNAF 221st and 223rd Helicopter Sqdns (UH-1s) activate at Bien Hoa and Da Nang, respectively.                                                                                                              |
| 5 Jan  | First group of C-123 pilots (16 who completed CONUS CCTS in Dec 70), and flight mechanics and loadmasters selected to be instructors, report to Phan Rang for in-country training.                         |
| Jan    | Eighty-one percent of VNAF flight and element leaders declared COMBAT SKYSPOT qualified.                                                                                                                   |
| 16 Jan | All fixed wing herbicide operations in SEAsia terminate.                                                                                                                                                   |
| 1 Feb  | UH-1s from the US Army activate VNAF 235th Helicopter Sqdn at Pleiku.                                                                                                                                      |
| 11 Feb | Two of 3 VNAF A-1 squadrons begin night ordnance delivery training.                                                                                                                                        |
| 21 Feb | JCS authorizes temporary increase in ARC LIGHT sorties to 40 per day, raising U-Tapao, Thailand beddown to 51 B-52s.                                                                                       |
| 24 Feb | Favorable results of 102 Vietnamese-language USAF training films noted, and an additional 148 films requested by AF Advisory Group.                                                                        |
| Feb    | 41st Tac Alft Sqdn (C-130s) at Naha AB, Okinawa inactivates.                                                                                                                                               |
| 1 Mar  | VNAF 231st Helicopter Sqdn (UH-1s) activates at Bien Hoa.                                                                                                                                                  |
| 4 Mar  | First SAM site confirmed in Laos, 2.5 miles west of Ban Korai Pass.                                                                                                                                        |
| 15 Mar | Four additional EB-66s from TAC deploy to SEAsia in support of increased ARC LIGHT sorties.                                                                                                                |
| 22 Mar | First AF aircraft lost to SAM since Feb 68. F-4D flying escort is shot down near Dong Hoi, North Vietnam.                                                                                                  |
| Mar    | Existing and programmed AC-130 gunship capabilities increase via deployment of training aircraft, configuration of 6 C-130Es for deployment by 1 Jan 72, and modification of 5 aircraft already in SEAsia. |
| Mar    | 35th Tac Alft Sqdn (C-130s) at Naha AB, Okinawa inactivates.                                                                                                                                               |
| 26 Apr | First US aircraft lost to SAM over Laos. AF O-2 is shot down northwest of Ban Korai Pass.                                                                                                                  |
| Apr    | First TACAN facility becomes VNAF owned/operated/maintained at Binh Thuy.                                                                                                                                  |
| Apr    | VNAF 118th Liaison Sqdn (O-1/U-17s) and 421st Transport Sqdn (C-123s) activate at Pleiku and Tan Son Nhut, respectively.                                                                                   |
| 1 May  | VNAF 120th Liaison Sqdn (O-1/U-17s) activates at Da Nang.                                                                                                                                                  |
| 1 May  | 19th Tac Alft Sqdn (C-123s) and 21st Tac Alft Sqdn (C-130s) at Tan Son Nhut and Naha AB, Okinawa, respectively, inactivate.                                                                                |
| May    | AF aircraft combat/operational losses reach lowest monthly count (one combat loss) since Jul 64.                                                                                                           |
| 1 Jun  | ARC LIGHT sortie rate returns to 33 per day; and U-Tapao, Thailand beddown decreases to 42 B-52s.                                                                                                          |
| Jun    | 606th Special Opns Sqdn (C/UC-123s) at Nakhon Phanom, Thailand and 772nd Tac Alft Sqdn (C-130s) at Clark AB, PI inactivate.                                                                                |
| Jun    | First weather teletype facility and 6 others become VNAF owned/operated/maintained at 7 VNAF bases.                                                                                                        |
| Jun    | Ten EB-66s originally deployed to support ARC LIGHT return to TAC and the CONUS.                                                                                                                           |

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USAF MS (CB), 31 May 1974

## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

CONTINUED

JUL - DEC 1971

1 Jul VNAF 423rd Transport Sqdn (C-123s) activates at Tan Son Nhut.  
1 Jul VNAF 227th and 229th Helicopter Sqdns (UH-1s) declared operationally ready (OR).  
9 Jul VNAF 423rd Transport Sqdn, having received its first C-123 only 6 days prior, begins flying missions daily.  
12 Jul 35th Tac Ftr Wg, with 4 squadrons and 72 UE F-100s, inactivates at Phan Rang. Aircraft transfer to the ANG.  
22 Jul Three EC-121Ts of the 552nd Abn Early Warning Wg, TDY at Korat, Thailand, redeploy to Kwangju AB, Korea.  
Jul 60th Bomb Sqdn (Hvy) (B-52s) arrives PCS at Andersen AFB, Guam and 909th Air Ref Sq (Hvy) (KC-135s) moves PCS to Kadena AB, Okinawa -- from Ramey AFB, Puerto Rico and March AFB, California, respectively.  
16 Aug RF-4Cs from the 12th Tac Recon Sqdn at Tan Son Nhut redeploy to the CONUS and transfer to TAC.  
17 Aug 17th Special Opns Sqdn at Phan Rang starts turnover of 24 AC-119Gs to VNAF 819th Cmbt Sqdn at Tan Son Nhut.  
18 Aug QU-22B restricted to VFR within glide distance of Nakhon Phanom, Thailand for 45 days due to continuing engine problems. IGLOO WHITE sensor relay orbit requirements assumed by C-130Es and EC-121Rs.  
24 Aug 12th Tac Recon Sqdn moves WOPE from Tan Son Nhut to Bergstrom AFB, Texas.  
31 Aug 460th Tac Recon Wg at Tan Son Nhut, including Det 1 (RB-57s), inactivates.  
31 Aug 537th Tac Alft Sqdn (C-7s) at Phu Cat inactivates. Aircraft transfer to Mc Clellan AFB, California for IRAN and subsequent assignment to AFRes.  
Aug Bien Hoa AB transfers to VNAF.  
1 Sep Phase I of PAVE NAIL, a 2-phase program to modify 15 OV-10s with LORAN and a night observation device containing a laser ranger/designator begins combat evaluation.  
6 Sep Tan Son Nhut POL tank farm transfers to VNAF, which assumes operation and maintenance responsibilities.  
8 Sep Final AC-119G aircraft transfers to VNAF 819th Cmbt Sqdn at Tan Son Nhut.  
10 Sep VNAF Tac Air Control Center assumes full operational control over AC-119s.  
15 Sep QU-22B restriction lifted to perform IGLOO WHITE GREEN ORBIT and COMPASS FLAG test missions.  
26 Sep VNAF assumes responsibility for RVNAF fuel airlift support. Four 2000-gallon systems transferred to VNAF provide capability to supply aviation fuel to forward operating locations for VNAF helicopters.  
30 Sep 14th Special Opns Wg and its 17th Special Opns Sqdn (AC-119s) at Phan Rang inactivate.  
Sep Final class enters VNAF helicopter pilot training in the CONUS.  
1 Oct USAF and VNAF Fire Departments at Da Nang integrated.  
2 Oct Air Terminal at Binh Thuy successfully changes from a collocated USAF/VNAF operation to a VNAF terminal.  
5 Oct 311th Tac Alft Sqdn (C-123s) at Phan Rang inactivates, with aircraft going to VNAF.  
8 Oct 389th Tac Ftr Sqdn (F-4Ds) moves WOPE from Phu Cat to Mountain Home AFB, Idaho. Aircraft return to the CONUS for IRAN and subsequent transfer to Lakenheath RAF, UK.  
15 Oct 536th Tac Alft Sqdn (C-7s) at Cam Ranh Bay inactivates, with aircraft retained at CRB for transfer to VNAF.  
20 Oct CSAF concurs in CINCPACAF proposal to replace 6 EC-121Rs with 3 C-130Bs to accomplish IGLOO WHITE relay mission, with the Cambodian airborne command and control function assumed by 7 AF assets.  
Oct JGS approves VNAF acquisition of Phu Cat by 31 Dec 71.  
Oct CBU-55 Initial Combat Evaluation (ICE) set for Oct-Nov 71 using USAF A-37s from Da Nang.  
Oct JGS approves early activation of VNAF 243rd, 245th, and 239th Helicopter Sqdns for 1 Nov 71, 1 Dec 71, and 1 Feb 72, respectively (an advance of 4 months for each).  
Oct 19th Tac Air Spt Sqdn (O-2/OV-10s) at Phan Rang and 7734rd Tac Alft Sqdn (C-130s) at Clark AB, PI inactivate.  
1 Nov VNAF 243rd Helicopter Sqdn (UH-1s) activates at Nha Trang.  
2 Nov VNAF Senior Officers Air Ground Operations School begins.  
17 Nov President announces redeployment Increment X, to reduce USAF military strength in SVN to 26,898.  
17 Nov Headquarters, 12th Tac Ftr Wg at Phu Cat inactivates.  
18 Nov First class of VNAF pilots graduates from in-country C-7 combat crew training.  
22 Nov Three EB-66s arrive at Korat, Thailand from Shaw AFB, South Carolina to replace 2 aircraft with cracks in several wing ribs and another destroyed when an engine exploded.  
24 Nov 480th Tac Ftr Sqdn (F-4Ds) at Phu Cat inactivates. Aircraft moved to Taiwan for IRAN prior to assignment to Lakenheath RAF, UK.  
Nov Det 13, 3rd Air Rescue and Recovery Gp (HH-43s) at Phu Cat inactivates.  
Nov 361st Tac EW Sqdn (EC-47s) at Phu Cat transfers aircraft and unit resources to 362nd at Da Nang.  
1 Dec VNAF 219th Helicopter Sqdn at Da Nang converts from H-34s to UH-1s.  
1 Dec 834th Air Div, with Det 1 at Tan Son Nhut and Det 2 at Cam Ranh Bay, inactivates.  
1 Dec 361st Tac EW Sqdn at Phu Cat inactivates.  
7 Dec First group of fully qualified VNAF C-7 pilots start flying with USAF aircrews at Cam Ranh Bay.  
11 Dec Sixth production AC-130E (PAVE SPECTRE) arrives in SEAsia.  
24 Dec 553rd Recon Sq (EC-121s) at Korat, Thailand inactivates. Aircraft return to Davis-Manthan AFB, Arizona for storage.  
Dec VNAF assumes responsibility for weather support at Bien Hoa.  
Dec VNAF 245th Helicopter Sqdn (UH-1s) activates at Bien Hoa.  
Dec VNAF transport squadron UE and activation revised to add one each C-7/C-123 squadron with no changes in total UE.  
Dec VNAF 425th Transport Sqdn (C-123s) activates at Tan Son Nhut.  
Dec Phu Cat AB transfers to VNAF.  
Dec Deployment Program 16 manpower ceilings set AF residual military strength in SVN at 13,000 by 30 Jun 72.

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USAF MS (CB), 31 May 1974

# SIGNIFICANT EVENTS IN SOUTHEAST ASIA CONTINUED JAN - JUN 1972

- 3 Jan Six VNAF F-5s from Bien Hoa deploy to DaNang to commence air defense training.
- 5 Jan Two VNAF F-5s go on 5-minute air defense alert at DaNang.
- 17 Jan VNAF assumes responsibility for weather support at Tan Son Nhut.
- 31 Jan 535th Tac Alft Sqdn (C-7s) at Cam Ranh Bay inactivates, aircraft to transfer to the VNAF.
- Jan 553rd Recon Sqdn (EC-121s) at Korat inactivates.
- Jan VNAF announces reorganization of 2 C-7 (24 UE) units into 3 (16 UE) squadrons.
- Jan Contrary to plans to return 6 EC-47s to the CONUS, CINCPAC instructs CINCPACAF to retain and operate all 57 EC-47s.
- Jan President announces planned military strength reduction in Vietnam, from 139,000 to 69,000 by 1 May 72.
- 1 Feb VNAF 239th Helicopter Sqdn (UH-1s) activates at DaNang, 4 months ahead of schedule.
- 16 Feb JCS-authorized increase in ARC LIGHT sortie rate implemented. Nineteen B-52s deploy from the CONUS to Andersen and 10 KC-135s deploy from the CONUS to Kadena to support the new rate (51 sorties per day).
- 21 Feb First MiG kill by USAF since Feb 68. NVAF MiG-21 downed by F-4D firing AIM-7 missiles.
- 29 Feb 9th Special Ops Sqdn (O-2s/C-47s) at Tan Son Nhut inactivates. O-2s return to the CONUS, 2 C-47s go to the 360th Tac EW Sqdn, and 2 C-47s transfer to the VNAF.
- Feb-Mar Contingency package of 25 ACQ-101-4 ECM pods arrive at Udorn, Thailand to counter possible introduction of SA-3 SAMs into SEAsia.
- 1 Mar 458th Tac Alft Sqdn (C-7s) at Cam Ranh Bay inactivates, aircraft to transfer to the VNAF.
- 1 Mar First VNAF C-7 unit (427th Transport Sqdn) activates at Phu Cat.
- 6 Mar VNAF 427th Transport Sqdn, with 8 aircraft possessed, begins flying 4 missions daily.
- 29 Mar First AC-130A gunship downed by SAM, in Laos.
- 31 Mar First AC-130E PAVE SPECTRE gunship lost in combat, hit by 57 MM AAA, in Laos. All 15 crewmembers recovered from hostile territory.
- 31 Mar VNAF assumes responsibility for base defense and law enforcement at Phan Rang.
- 31 Mar 90th Special Ops Sqdn (C-123s/C-130s) begins move from Nha Trang to Kadena AB, Okinawa. COMBAT TALON C-130s move with the unit, while HEAVY HOOK C-123s otherwise reassigned.
- Mar 315th Tac Alft Wg at Phan Rang inactivates.
- Mar 504th Tac Air Spt Gp at Cam Ranh Bay inactivates.
- 5 Apr VNAF conducts its first fixed-wing mass aeromedical evacuation, moving patients from Hue to DaNang. MACV Surgeon Office considers evacuation a complete success.
- 7 Apr 20th Special Ops Sqdn (UH-1s) at Cam Ranh Bay inactivates. Helicopter gunships airlifted by C-141 to the CONUS.
- 7 Apr Twelve B-52s strike POL storage area and rail yard in the Vinh area, North Vietnam.
- 12 Apr Eighteen B-52s (FREEDOM DAWN) from U-Tapao, Thailand strike Bai Thuong AE, North Vietnam.
- 15 Apr Seventeen B-52s (FREEDOM PORCH BRAVO) from U-Tapao, Thailand strike major POL storage area at Haiphong, North Vietnam.
- 21 Apr Eighteen B-52s (FREIGHTER CAPTAIN) from U-Tapao, Thailand strike major transshipment point near Than Hoa, North Vietnam. One aircraft hit by a SAM, forced to make an emergency landing at DaNang.
- 23 Apr 39th Aerospace Rescue and Recovery Sqdn (HC-130s) at Cam Ranh Bay inactivates. Aircraft transferred to either Thailand or the CONUS.
- 24 Apr 457th Tac Alft Sqdn (C-7s) at Cam Ranh Bay inactivates, aircraft to transfer to the VNAF.
- Apr PACAF requests 4 EB-66 replacement aircraft as additional EB-66 aircraft, crews and instructors move to Korat, Thailand for 90 days TDY as part of CONSTANT GUARD.
- Apr AF military strength ceiling in Vietnam increased by 1,825 to accommodate TDY augmentation.
- Apr President announces planned military strength reduction in Vietnam from 69,000 to 49,000 by 1 Jul 72.
- 1 May VNAF 241st Helicopter Sqdn, the second CH-47 unit and the last helicopter squadron under CRIMP, activates at Phu Cat.
- 1 May VNAF 429th Transport Sqdn (C-7s) activates at Phu Cat.
- 2 May First AC-119 gunship lost in combat over South Vietnam, hit by 37 MM AAA.
- 19 May After being terminated in conjunction with the 1968 bombing halt, leaflet operations over North Vietnam resume.
- 25 May CSAF approves modification of 3 additional AC-130E gunships to be operational by Jan 73.
- May 13th Tac Bomb Sqdn (B-57s) at Ubon, Thailand moves WOPE to Clark AB, PI. Aircraft transfer to Forbes AFB, Kansas.
- May Cam Ranh Bay AB turned over to the VNAF. 483rd Tac Alft Wg inactivates.
- 8 Jun ARC LIGHT B-52s total 206, comprising the largest SAC bomber force ever assembled in the Western Pacific.
- 8-21 Jun B-52s regularly strike counter-logistic targets in Route Package 1, North Vietnam.
- 18 Jun KC-135s total 172, comprising the largest tanker force ever assembled in the Western Pacific.
- 18 Jun Second AC-130A gunship downed by SAM, in South Vietnam.
- 22 Jun B-52s reach all time daily high with 111 sorties scheduled against 37 targets.
- Jun Twelve EC-47 airborne radio direction finding (ARDF) aircraft move from DaNang to Nakhon Phanom, Thailand.
- Jun 360th Tac Ftr Wg and certain subordinate units move from DaNang to Takhli, Thailand and replace 49th Tac Ftr Wg as host unit.
- Jun 390th Tac Ftr Sqdn (F-4Ds) at DaNang moves WOPE to Mountain Home AFB, Idaho. Aircraft transfer to Ubon and Udorn, Thailand.
- Jun 4th and 421st Tac Ftr Sqdns (F-4Es) move from DaNang to Takhli, Thailand.
- Jun President announces planned military strength reduction in Vietnam, from 49,000 to 39,000 by 1 Sep 72.

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SEAR 8

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USAF MS (CB), 31 May 1974

## SIGNIFICANT EVENTS IN SOUTHEAST ASIA CONTINUED JUL-DEC, 1972

- 1 Jul VNAF 431st Transport Sqdn, the third and final C-7 unit under the Consolidated RVNAF Improvement and Modernization Program (CRIMP), activates at Phu Cat.
- Jul VNAF portion of CRIMP revised to provide 56 squadrons and 1,446 aircraft by 30 Jun 75.
- Jul VNAF assumes primary responsibility for Explosive Ordnance Disposal at Da Nang.
- 1 Aug VNAF 718th Recon Sqdn (EC-47s) activates with 10 UE aircraft at Tan Son Nhut, 4 months ahead of schedule.
- 1 Aug VNAF 124th Liaison Sqdn, the eighth and final O-1/U-17 squadron under CRIMP, activates at Bien Hoa, 4 months ahead of schedule.
- 1 Aug Third and final VNAF C-123 transport squadron becomes operationally ready, one month early.
- 10 Aug Sixteenth and final VNAF UH-1 helicopter squadron becomes operationally ready, 3 months early.
- 21 Aug Joint U.S. Army/USAF team arrives in South Vietnam to train U.S. advisors and ARVN in use of ground beacons and gunships.
- Aug Fifty ALQ-119 ECM pods shipped to PACAF to counter possible SA-4 SAM threat in SEAsia.
- 1 Sep VNAF assumes responsibility for control tower operations at Da Nang, the last of such transfers.
- 8 Sep 361st Tac EW Sqdn (EC-47s) activates at Nakhon Phanom, Thailand, concurrent with inactivation of Det 1, 362nd TEWS, NKP.
- 28 Sep 774th Tac Alft Sqdn (C-130s) at Clark AB, PI inactivates. Aircraft returned to the CONUS and assigned to Air National Guard.
- 29 Sep 554th Recon Sqdn (QU-22s) at Nakhon Phanom, Thailand inactivates. Aircraft prepared for shipment to the CONUS for storage.
- 1 Oct VNAF 532nd Ftr Sqdn (A-37s) activates at Phu Cat.
- 1 Oct 8th Special Opns Sqdn (A-37s) at Bien Hoa moves WOPE to Clark AB, PI, with mission assumed by Det 1, 377th Air Base Wg.
- 4 Oct Analysis of COMPASS COOKIE mission confirms existing intelligence estimates of SA-2 beacon and fuse operating frequencies.
- 24 Oct 366th Tac Ftr Wg at Takhli, Thailand moves WOPE to Mountain Home AFB, Idaho, with mission assumed by 6280th Cmbt Spt Gp.
- 28 Oct 469th Tac Ftr Sqdn (F-4Es) at Korat, Thailand, inactivates with assets distributed to other SEAsia-based squadrons.
- 1 Nov VNAF 534th Ftr Sqdn, the seventh and final A-37 squadron under CRIMP, activates at Phan Rang.
- 1 Nov 310th Tac Alft Sqdn (C-7s) at Tan Son Nhut inactivates. Aircraft transferred to the VNAF.
- 7 Nov 1st Special Opns Sqdn (A-1s) at Nakhon Phanom, Thailand terminates combat operations, aircraft to transfer to the VNAF and designator to move to Kadena AB, Japan at a later date.
- 8 Nov Assignment of EC-47 airborne radio direction finding (ARDF) aircraft to VNAF completed.
- 11 Nov CINCSAC personally designates missions scheduled into high threat areas of North Vietnam Route Packages 2, 3, and 4 as "Press On" (no divert).
- 13 Nov BUFFALO HUNTER recon drone recovery operation at Da Nang relocates to Nakhon Phanom, Thailand.
- 16 Nov SECDEF approves termination of IGLOO WHITE sensor program by 31 Dec 72.
- 22 Nov First B-52 lost to SAM, while on a mission in the Vinh area, North Vietnam. Aircraft reaches Thailand where crew successfully ejects.
- 24 Nov 18th Special Opns Sqdn (AC-119s) at Nakhon Phanom, Thailand and Da Nang inactivates, aircraft to transfer to the VNAF.
- 28 Nov Decision made to put all USAF-operated ARDF forces (EC-47s) in Thailand, at Nakhon Phanom and Udon.
- Nov 360th Tac EW Sqdn (EC-47s) at Tan Son Nhut terminates operations, aircraft to transfer to other units and the VNAF, and designator to move to Dyess AFB, Texas.
- Nov Remaining USAF installations (Ban Me Thout, Da Nang, Tan Son Nhut ABs) transferred to VNAF.
- 1 Dec Last of aircraft programmed for the VNAF under Project 981/982, ENHANCE, and ENHANCE PLUS arrive in-country.
- 4 Dec Training for VNAF AC-119K aircrews begins at Da Nang.
- 11 Dec Flight training for VNAF C-130A aircrews begins at Tan Son Nhut.
- 18 Dec First SAC raids against Hanoi, North Vietnam targets flown by 129 B-52s. Each of 3 waves of aircraft loses one B-52 to SAMs; one aircraft reaches Thailand where crew successfully ejects.
- 19 Dec Ninety-three B-52s hit targets in the Hanoi area. One B-52 receives major damage but successfully recovers at Nam Phong, Thailand.
- 20 Dec Ninety-nine B-52s attack targets in the Hanoi area. SAMs down 6 B-52s, 2 of which fly long enough to permit bailout over Laos and Thailand.
- 21 Dec Thirty B-52 sorties attack Hanoi. Two B-52s lost to SAMs.
- 22 Dec Thirty B-52s strike Haiphong, North Vietnam, with no losses.
- 23 Dec First MiG kill by B-52D gunner as 30 B-52s attack targets north of Haiphong, with no losses.
- 24 Dec Thirty B-52 sorties attack Hanoi area, with no losses.
- 26 Dec SAC raids against targets in Hanoi and Haiphong areas flown by 120 B-52s. One B-52 goes down near Hanoi; another, with battle damage, crashes in Thailand.
- 27 Dec Sixty B-52s attack Hanoi. One B-52 lost in the Hanoi area; another, badly damaged, reaches Thailand where crew successfully ejects.
- 28 Dec Sixty B-52s strike Hanoi and Haiphong areas, with no losses.
- Dec EC-47Q, modified to locate SPOON REST radars, arrives at Nakhon Phanom, Thailand.

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SEAR 9



~~SECRET~~

USAF MS (CB), 31 May 1974

## SIGNIFICANT EVENTS IN SOUTHEAST ASIA

CONTINUED

JAN - JUN 1973

- 3 Jan A Strategic Air Command (SAC) B-52D based at U-Tapao Airfield, Thailand was damaged by a North Vietnamese (NVN) SA-2 surface-to-air missile while over target near Vinh, NVN. The crew subsequently ejected over water near the DMZ. The six crew members were successfully recovered by SAR forces.
- 16 Jan PACAF requested an additional ECM capability in SEAsia to counter the possible introduction of the SA-3 in NVN. In June 1972, 125 ALQ-119 ECM pods were designated for deployment to PACAF in view of the possible introduction of the SA-4 into the NVN air defense system. Fifty of these pods were deployed. Recent photography has confirmed SA-3 sites in NVN. There is a possibility that additional SA-3s could be introduced in SEAsia including Laos. Therefore, USAFE is being tasked to deploy the additional 75 pods, four sets of operational AGE, and 20 ALQ-119 maintenance personnel on receipt of shipping instructions from PACAF.
- 27 Jan SAC B-52 forces (ARC LIGHT), conducting air strikes in South Vietnam (SVN) continuously since June 1965, ceased strike operations in all areas of SEAsia except Laos. Termination was effective 27/2359Z (1859 EST) January 1973. The last aircraft cell time over an SVN target (TOT) was 27/1828 (EST) in Military Region II.
- 27 Jan SAC B-52G aircraft operating from Andersen AFB, Guam in support of psychological warfare operations in SEAsia were terminated effective 27/2359Z Jan 73.
- 28 Jan B-52 strike sorties (ARC LIGHT) were decreased from the 3150 per month rate to a commitment of approximately 900 per month. Assets remained in theater for an immediate return to the 3150 monthly level.
- Jan Transfer of the last ten EC-47 airborne radio direction finding (ARDF) aircraft to the VNAF has been delayed until 18 February. Although reassignment of all 30 aircraft was reported during November 1972, the USAF has continued to operate the last ten out of Da Nang to assist in coverage during the Vietnamization of the EC-47s. The remaining 23 EC-47s assigned to the USAF are now operating out of Nakhon Phanom and Ubon, Thailand.
- 28 Jan The Guam based Strategic Air Command B-52 crews deployed for ARC LIGHT operations began qualification training flights for recurrency in SIOP requirements.
- 3 Feb B-52 strike effort (ARC LIGHT) in Laos was increased to approximately 50 sorties per day.
- 4 Feb An EC-47Q (SN 48636) assigned to Nakhon Phanom, Thailand, was lost to unknown causes while flying an airborne radio direction finding mission in Laos. The aircrew had previously reported encountering 23/37 MM antiaircraft fire and the wreckage was located in an area where these defenses were evident (015-37N 107-00E). There are now seven ALR-38 equipped EC-47 aircraft in the USAF inventory. There are an additional fifteen ALR-35 equipped EC-47s; three of these are Q series aircraft. All USAF EC-47s are stationed at Nakhon Phanom and Ubon, Thailand.
- 10 Feb ARC LIGHT effort in Laos again increased up to approximately 60 sorties per day.
- 11 Feb B-52 strike sorties in Laos were increased to the maximum feasible number. This authority continued in effect until the effective date of Laoan cease fire.
- 21 Feb Strategic Air Command B-52 forces (ARC LIGHT) ceased strike operations in Laos. Strikes in SEAsia countries other than Laos had previously been terminated. The Laoan ceasefire for ARC LIGHT was effective at 2400 EST on 21 Feb 1973. The last cell time over target (TOT) was 21/2250 EST in the Barrel Roll area.
- 24 Feb The EB-66 aircraft at Korat were restricted from flight by the wing commander. This resulted from an EB-66 crash of 23 Dec 72 (caused from engine failure) and three additional in-flight engine shutdowns during February. The 388 TFW is conducting an investigation of the engines/electrical system and AFLC is sending an engineering team to Korat to assist in the investigation.
- 23 Feb Strategic Air Command B-52 forces (ARC LIGHT) were authorized to resume air strikes in Cambodia.
- 1 Mar The first VNAF AC-119K operational loss occurred when Da Nang weather and insufficient fuel forced a bail-out of five USAF instructors and seven VNAF students. There was one VNAF fatality.
- 13 Mar B-52 ARC LIGHT strike effort in Cambodia was increased to a daily sustained rate of 50-60 sorties.
- 17 Mar The last two air bases maintained in support of USAF combat operations in South Vietnam were relinquished to the control of the Republic of South Vietnam. USAF control of Da Nang Airfield was terminated on 17 March 1973 and the remaining USAF personnel departed Tan Son Nhut Air Base on 29 March 1973.
- 24 Mar After several test missions without weapons, ARC LIGHT FORCES began bomb releases in Cambodia with F-4 PAVE PHANTOM PATHFINDER aircraft (LORAN) leading the B-52 cells to the bomb release point. Lacking sufficient LORAN equipped B-52s, this was necessary in some areas where adequate MSQ coverage or suitable geographical offset aiming points were not available.
- Mar 7AF HQ completed the move from Tan Son Nhut Air Base, Vietnam to Nakhon Phanom Airport, Thailand in March 1973.
- 15 Apr B-52 ARC LIGHT strikes were resumed on a specific target area in Laos at the urgent request of the Laoan government.
- 16 Apr B-52 ARC LIGHT strikes initiated on 15 Apr 73 in Laos were terminated.
- 22 Apr B-52 ARC LIGHT strike effort in Cambodia was increased to a daily rate of 81 sorties.

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SEAR 10

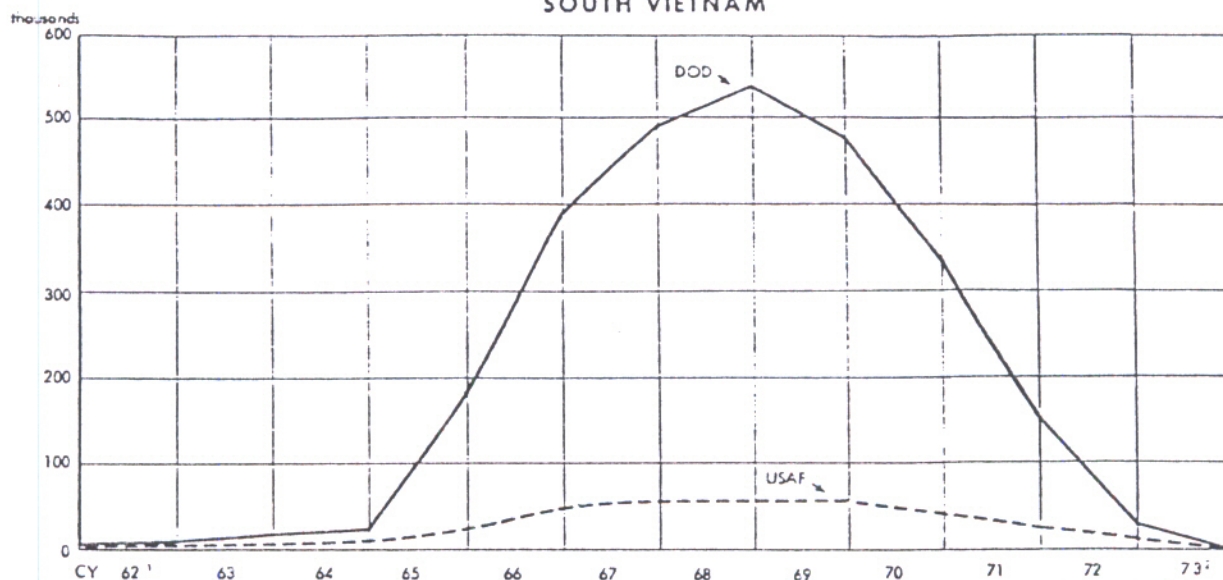
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USAF MS (CE), 31 May 1974

## U.S. MILITARY PERSONNEL

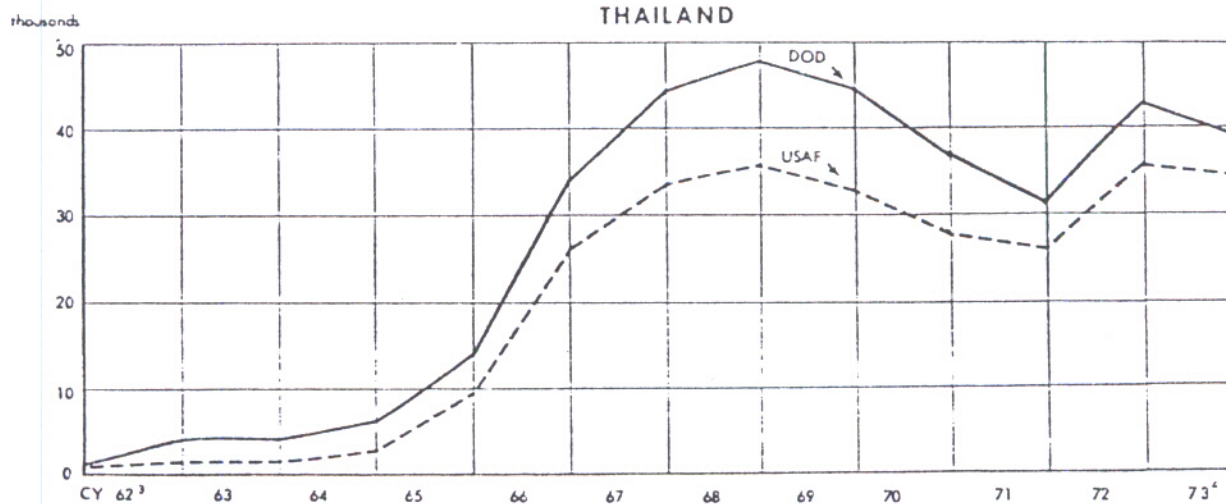
(AS OF END OF CALENDAR YEAR)

## SOUTH VIETNAM



|      |        |        |        |         |         |         |         |         |         |         |        |    |
|------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|--------|----|
| DOD  | 11,326 | 16,263 | 23,310 | 184,314 | 385,278 | 485,587 | 536,134 | 475,219 | 334,591 | 156,776 | 24,172 | 50 |
| USAF | 2,429  | 4,630  | 6,604  | 20,620  | 52,913  | 55,908  | 58,434  | 56,422  | 43,053  | 28,791  | 7,608  | 12 |

## THAILAND



|      |       |       |       |        |        |        |        |        |        |        |        |        |
|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DOD  | 4,353 | 4,126 | 6,505 | 14,107 | 34,489 | 44,517 | 47,631 | 44,740 | 36,110 | 31,916 | 43,168 | 39,329 |
| USAF | 1,212 | 1,086 | 2,943 | 9,117  | 26,113 | 33,395 | 35,791 | 32,901 | 27,858 | 26,851 | 35,856 | 34,127 |

<sup>1</sup> Data for CY 60 are: DOD 875, USAF 68; and for CY 61: DOD 3,164, USAF 1,006.

Source: OSD SEA Statistical Summary

<sup>2</sup> Data as of 30 Apr 73.<sup>3</sup> Data for CY 60 are: DOD 319, USAF 44; and for CY 61: DOD 542, USAF 57.<sup>4</sup> Data as of 30 Sep 73.~~SECRET~~

SEAR-11



# **TOTAL U.S. MILITARY PERSONNEL CASUALTIES** **SOUTHEAST ASIA - BY SERVICE**

1 JAN 61 - 31 DEC 73

| CATEGORY | AIR FORCE |      |          |          |       | ARMY | NAVY <sup>1</sup> | MARINE CORPS | TOTAL |
|----------|-----------|------|----------|----------|-------|------|-------------------|--------------|-------|
|          | VIETNAM   | LAOS | THAILAND | CAMBODIA | TOTAL |      |                   |              |       |

## **TOTAL CASUALTIES**

|                                            |       |     |     |    |       |         |        |        |         |
|--------------------------------------------|-------|-----|-----|----|-------|---------|--------|--------|---------|
| DEATHS                                     | 1,468 | 207 | 408 | 35 | 2,118 | 37,794  | 2,349  | 14,630 | 56,891  |
| Acf Losses and Incidents                   | 1,032 | 205 | 116 | 35 | 1,388 | 4,656   | 517    | 871    | 7,432   |
| Other Causes                               | 436   | 2   | 292 | -  | 730   | 33,138  | 1,832  | 13,759 | 49,459  |
| WOUNDED                                    | 3,029 | 398 | 9   | 24 | 3,460 | 201,536 | 10,076 | 88,593 | 303,665 |
| Currently Missing,<br>Captured or Interned | 349   | 244 | -   | 6  | 599   | 323     | 133    | 102    | 1,157   |

## **HOSTILE**

|                                    |       |     |   |    |       |         |        |        |         |
|------------------------------------|-------|-----|---|----|-------|---------|--------|--------|---------|
| DEATHS                             | 892   | 191 | 7 | 35 | 1,125 | 30,627  | 1,469  | 12,949 | 46,170  |
| Aircraft Combat Losses             | 745   | 190 | 6 | 35 | 976   | 2,488   | 275    | 583    | 4,322   |
| Ground Action                      | 147   | 1   | 1 | -  | 149   | 28,139  | 1,194  | 12,366 | 41,848  |
| Killed <sup>2</sup>                | 422   | 70  | 5 | 12 | 509   | 25,342  | 1,095  | 11,477 | 38,423  |
| Died of Wounds                     | 46    | 2   | 2 | -  | 50    | 3,520   | 146    | 1,454  | 5,170   |
| Died While Missing                 | 419   | 119 | - | 23 | 561   | 1,732   | 222    | 11     | 2,526   |
| Died While Captured<br>or Interned | 5     | -   | - | -  | 5     | 33      | 6      | 7      | 51      |
| WOUNDED                            | 3,029 | 398 | 9 | 24 | 3,460 | 201,536 | 10,076 | 88,593 | 303,665 |
| Hospital Care Required             | 786   | 141 | 5 | 6  | 938   | 96,811  | 4,178  | 51,391 | 153,318 |
| Hospital Care Not Required         | 2,243 | 257 | 4 | 18 | 2,522 | 104,725 | 5,898  | 37,202 | 150,347 |
| Currently Missing                  | 338   | 242 | - | 6  | 586   | 228     | 103    | 85     | 1,002   |
| Currently Captured<br>or Interned  | 11    | 2   | - | -  | 13    | 12      | 30     | 3      | 58      |
| Returned to Military Control       | 348   | 20  | - | -  | 368   | 188     | 150    | 40     | 746     |

## **NONHOSTILE**

|                           |     |    |     |   |     |       |     |       |        |
|---------------------------|-----|----|-----|---|-----|-------|-----|-------|--------|
| DEATHS                    | 576 | 16 | 401 | - | 993 | 7,167 | 880 | 1,681 | 10,721 |
| Acf Accidents & Incidents | 287 | 15 | 110 | - | 412 | 2,168 | 242 | 288   | 3,110  |
| Other Causes              | 289 | 1  | 291 | - | 581 | 4,999 | 638 | 1,393 | 7,611  |
| Currently Missing         | -   | -  | -   | - | -   | 83    | -   | 14    | 97     |

<sup>1</sup>Includes small number of Coast Guard casualties.<sup>2</sup>Died before reaching medical treatment facility.

Sources: RCS: DD-Comp (W) 763 and 764  
 OSD SEA Statistical Summary

# U. S. MILITARY PERSONNEL CASUALTIES IN SOUTHEAST ASIA

## BY SERVICE AND BY CALENDAR YEAR

| CALENDAR<br>YEAR | ARMY | NAVY | MARINE<br>CORPS | AIR FORCE | TOTAL |
|------------------|------|------|-----------------|-----------|-------|
|------------------|------|------|-----------------|-----------|-------|

## DEATHS RESULTING FROM ACTIONS BY HOSTILE FORCES

|       |        |       |        |       |        |
|-------|--------|-------|--------|-------|--------|
| 1961  | 5      | -     | -      | 6     | 11     |
| 1962  | 17     | -     | -      | 14    | 31     |
| 1963  | 45     | 3     | 9      | 21    | 78     |
| 1964  | 118    | 1     | 2      | 26    | 147    |
| 1965  | 898    | 75    | 335    | 61    | 1,369  |
| 1966  | 3,073  | 120   | 1,681  | 134   | 5,008  |
| 1967  | 5,443  | 311   | 3,451  | 172   | 9,377  |
| 1968  | 9,333  | 464   | 4,617  | 176   | 14,590 |
| 1969  | 6,710  | 295   | 2,254  | 155   | 9,414  |
| 1970  | 3,508  | 88    | 533    | 96    | 4,225  |
| 1971  | 1,269  | 21    | 42     | 49    | 1,381  |
| 1972  | 172    | 47    | 11     | 72    | 302    |
| 1973  | 36     | 44    | 14     | 143   | 237    |
| TOTAL | 30,627 | 1,469 | 12,949 | 1,125 | 46,170 |

## NONFATAL WOUNDS

|       |         |        |        |       |         |
|-------|---------|--------|--------|-------|---------|
| 1961  | 2       | -      | 1      | -     | 3       |
| 1962  | 74      | -      | 1      | 3     | 78      |
| 1963  | 381     | 1      | 11     | 18    | 411     |
| 1964  | 891     | 25     | 37     | 86    | 1,039   |
| 1965  | 3,639   | 224    | 2,000  | 251   | 6,114   |
| 1966  | 18,574  | 721    | 10,310 | 486   | 30,093  |
| 1967  | 33,572  | 2,340  | 25,525 | 587   | 62,024  |
| 1968  | 59,837  | 2,929  | 29,268 | 786   | 92,820  |
| 1969  | 50,543  | 2,555  | 16,612 | 508   | 70,218  |
| 1970  | 25,194  | 912    | 4,275  | 263   | 30,644  |
| 1971  | 8,052   | 246    | 485    | 153   | 8,936   |
| 1972  | 750     | 116    | 65     | 294   | 1,225   |
| 1973  | 27      | 7      | 3      | 23    | 60      |
| TOTAL | 201,536 | 10,076 | 88,593 | 3,460 | 303,665 |

## DEATHS NOT THE RESULT OF ACTION BY HOSTILE FORCES

|       |       |     |       |     |        |
|-------|-------|-----|-------|-----|--------|
| 1961  | 2     | -   | -     | -   | 2      |
| 1962  | 10    | 3   | 5     | 7   | 25     |
| 1963  | 27    | 1   | 1     | 13  | 42     |
| 1964  | 29    | 6   | 2     | 13  | 50     |
| 1965  | 164   | 19  | 115   | 75  | 373    |
| 1966  | 665   | 124 | 176   | 121 | 1,086  |
| 1967  | 1,004 | 257 | 318   | 136 | 1,715  |
| 1968  | 1,257 | 134 | 428   | 161 | 1,980  |
| 1969  | 1,460 | 137 | 442   | 142 | 2,181  |
| 1970  | 1,475 | 127 | 154   | 134 | 1,890  |
| 1971  | 854   | 33  | 37    | 76  | 1,000  |
| 1972  | 198   | 29  | 2     | 80  | 309    |
| 1973  | 22    | 10  | 1     | 35  | 68     |
| TOTAL | 7,167 | 880 | 1,681 | 993 | 10,721 |

<sup>1</sup>Includes small number of Coast Guard casualties.

Sources: RCS: DD-Comp (W)763 and 764  
OSD SEA Statistical Summary

(This page is Unclassified)



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**USAF AIRCRAFT POSSESSED**  
 SOUTHEAST ASIA  
 (AS OF END OF CALENDAR YEAR)

| AIRCRAFT     | 1965 | 1966  | 1967  | 1968  | 1969  | 1970  | 1971 | 1972 | 1973 |
|--------------|------|-------|-------|-------|-------|-------|------|------|------|
| A-1          | 60   | 37    | 35    | 60    | 72    | 30    | 21   | -    | -    |
| A-7          | -    | -     | -     | -     | -     | -     | -    | 67   | 63   |
| A-26         | -    | 7     | 12    | 17    | -     | -     | -    | -    | -    |
| A-37         | -    | -     | 25    | 20    | 65    | 29    | 24   | -    | -    |
| AC-47        | 18   | 18    | 27    | 31    | 3     | -     | -    | -    | -    |
| AC-119       | -    | -     | -     | 4     | 29    | 32    | 16   | 20   | -    |
| AC-123       | -    | -     | -     | -     | 2     | -     | -    | -    | -    |
| AC-130       | -    | -     | -     | 4     | 7     | 10    | 18   | 13   | 13   |
| B-52         | -    | -     | 15    | 34    | 39    | 43    | 44   | 54   | 44   |
| B-57         | 21   | 20    | 23    | 14    | -     | 9     | 10   | -    | -    |
| B-66         | 5    | -     | -     | -     | -     | -     | -    | -    | -    |
| C-7          | -    | -     | 82    | 86    | 84    | 81    | 54   | -    | -    |
| C-47         | 7    | 4     | 19    | 13    | 5     | 7     | 4    | -    | -    |
| C-121        | -    | -     | -     | -     | 1     | -     | -    | -    | -    |
| C-123/UC-123 | 47   | 77    | 75    | 82    | 89    | 66    | 20   | -    | -    |
| C-130        | -    | -     | 90    | 95    | 83    | 56    | 39   | 39   | 26   |
| CH-3         | 11   | 13    | 14    | 18    | 11    | 11    | 3    | -    | 2    |
| CH-53        | -    | -     | -     | -     | -     | 7     | 11   | 11   | 11   |
| DC-130       | -    | 3     | 2     | 2     | 2     | 2     | 2    | 6    | 2    |
| EC-47        | -    | -     | 40    | 46    | 49    | 53    | 46   | 30   | 22   |
| EC-121       | 4    | 4     | 30    | 31    | 26    | 9     | 4    | 7    | 7    |
| F-4          | 100  | 170   | 213   | 236   | 258   | 207   | 208  | 219  | 170  |
| F-5          | 11   | 15    | -     | -     | -     | -     | -    | -    | -    |
| F-100        | 80   | 206   | 193   | 262   | 187   | 75    | -    | -    | -    |
| F-102        | 13   | 22    | 22    | 16    | 4     | -     | -    | -    | -    |
| F-104        | -    | 18    | -     | -     | -     | -     | -    | -    | -    |
| F-105        | 92   | 134   | 106   | 91    | 74    | 11    | 14   | 24   | 13   |
| F-111        | -    | -     | -     | -     | -     | -     | -    | 47   | 36   |
| HC-47        | -    | 3     | -     | -     | -     | -     | -    | -    | -    |
| HC-54        | 4    | -     | -     | -     | -     | -     | -    | -    | -    |
| HC-130       | -    | 4     | 10    | 9     | 10    | 7     | 9    | 6    | 6    |
| HH-3         | 6    | 10    | 16    | 17    | 17    | -     | -    | -    | -    |
| HH-43        | 26   | 24    | 29    | 30    | 29    | 21    | 20   | 19   | 12   |
| HH-53        | -    | -     | 4     | 6     | 5     | 21    | 18   | 13   | 8    |
| HU-16        | 4    | 6     | -     | -     | -     | -     | -    | -    | -    |
| KC-135       | 14   | 32    | 40    | 41    | 37    | 33    | 41   | 79   | 26   |
| O-1          | 119  | 207   | 181   | 157   | 91    | 45    | -    | -    | -    |
| O-2          | -    | -     | 137   | 152   | 243   | 205   | 127  | 70   | -    |
| OV-10        | -    | -     | -     | 27    | 113   | 94    | 81   | 67   | 65   |
| QU-22        | -    | -     | -     | -     | -     | 12    | 14   | -    | -    |
| RB-57        | 3    | 3     | 4     | 2     | 4     | 4     | -    | -    | -    |
| RB-57-66     | 10   | 22    | 24    | 29    | 19    | 21    | 17   | 19   | 6    |
| RC-47        | -    | 27    | -     | -     | -     | -     | -    | -    | -    |
| RC-130       | -    | -     | -     | -     | 4     | 5     | -    | -    | -    |
| RF-4         | 20   | 62    | 74    | 63    | 72    | 36    | 22   | 20   | 23   |
| RF-101       | 24   | 30    | 17    | 15    | 14    | -     | -    | -    | -    |
| T-28         | -    | 11    | 8     | -     | -     | -     | -    | -    | -    |
| U-2          | -    | 2     | 2     | 3     | 1     | 1     | 3    | 8    | 3    |
| U-6          | -    | 14    | -     | -     | -     | -     | -    | -    | -    |
| U-10         | 18   | 15    | 27    | 36    | -     | -     | -    | -    | -    |
| UH-1         | -    | 14    | 12    | 21    | 12    | 24    | 16   | -    | -    |
| TOTALS       | 719  | 1,234 | 1,608 | 1,772 | 1,761 | 1,267 | 906  | 836  | 558  |

<sup>1</sup> Transient, administrative support, and weather recon aircraft not included.

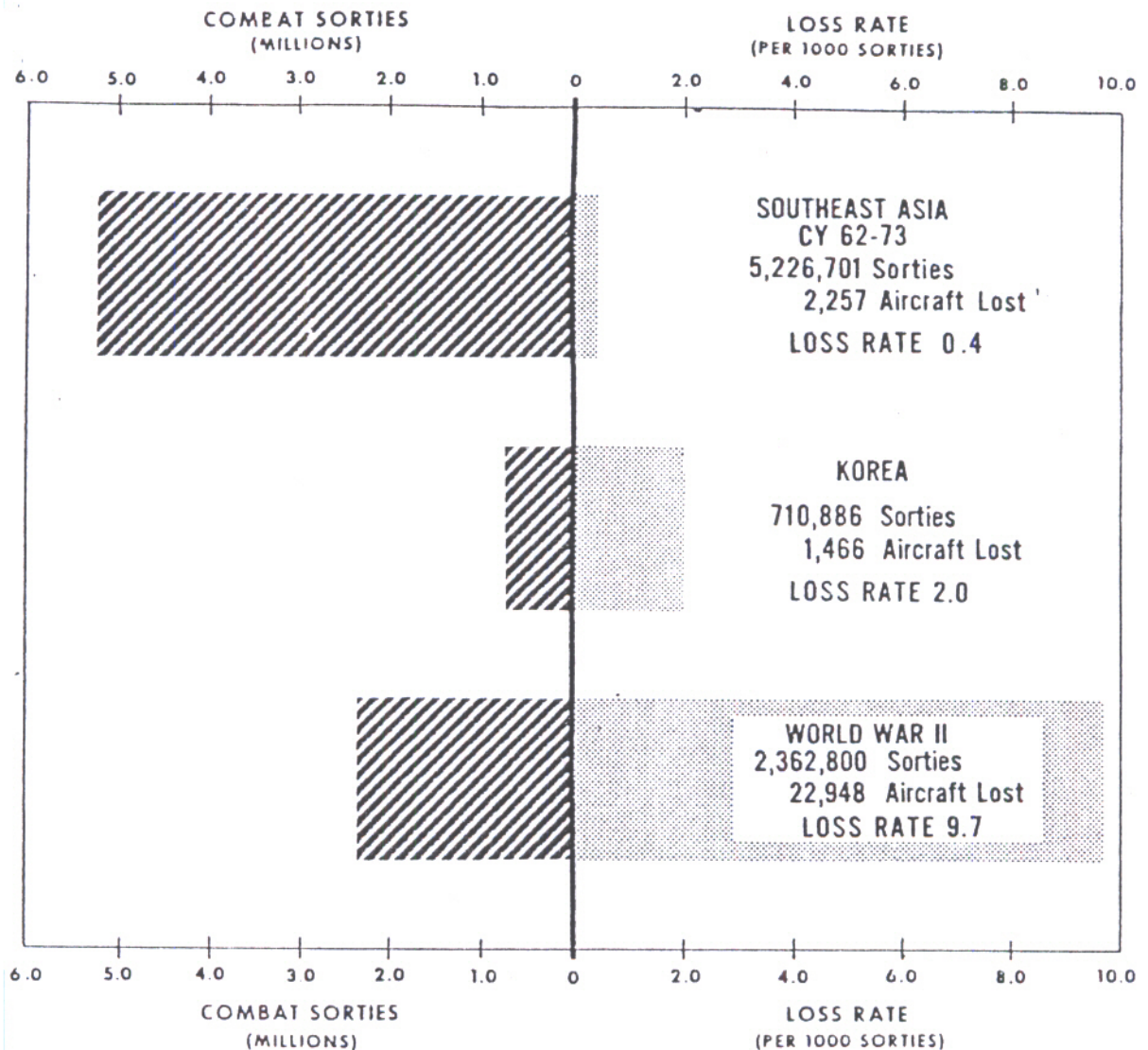
Sources: PACAF and SAC FORSTAT

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USAF MS (CS), 5 Apr 1974

## USAF COMBAT SORTIE AND LOSS COMPARISON

(SEAsia, KOREA, WW II)



Combat and operational losses.  
Includes 2 B-52s destroyed at Kadena and 2 at Andersen  
while supporting ARC LIGHT.

Sources: SEADAB  
USAF Statistical Digest

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SEAR 15



~~SECRET~~

USAF MS (C5), 5 Apr 1974

## USAF COMBAT SORTIES IN SOUTHEAST ASIA

January 1962 thru December 1973

| CALENDAR<br>YEAR | ATTACK     |          |              | CAP<br>ESCORT | RECCE | COMBAT SUPPORT |              | TOTAL |
|------------------|------------|----------|--------------|---------------|-------|----------------|--------------|-------|
|                  | TAC<br>AIR | GUNSHIPS | ARC<br>LIGHT |               |       | ARMED<br>HELO  | ALL<br>OTHER |       |

### BY TYPE SORTIE AND CALENDAR YEAR

|       |           |        |         |        |         |        |           |           |
|-------|-----------|--------|---------|--------|---------|--------|-----------|-----------|
| 1962  | 1,589     | -      | -       | 745    | 591     | -      | 12,921    | 15,846    |
| 1963  | 4,015     | -      | -       | 1,865  | 3,045   | -      | 21,568    | 30,493    |
| 1964  | 2,730     | 15     | -       | 1,868  | 8,282   | -      | 39,755    | 52,650    |
| 1965  | 53,857    | 276    | 1,562   | 8,146  | 32,101  | -      | 99,948    | 195,890   |
| 1966  | 145,145   | 1,817  | 5,234   | 15,778 | 74,264  | -      | 276,532   | 518,770   |
| 1967  | 201,337   | 4,867  | 9,686   | 14,433 | 114,687 | 616    | 533,145   | 878,771   |
| 1968  | 229,747   | 5,108  | 20,568  | 8,479  | 99,860  | 7,446  | 663,631   | 1,034,839 |
| 1969  | 192,023   | 6,409  | 19,498  | 8,280  | 147,075 | 6,564  | 587,157   | 967,006   |
| 1970  | 125,470   | 6,112  | 15,103  | 9,245  | 94,807  | 5,829  | 455,042   | 711,608   |
| 1971  | 80,268    | 7,024  | 12,555  | 8,179  | 43,096  | 6,221  | 293,126   | 450,469   |
| 1972  | 80,366    | 6,529  | 28,383  | 13,720 | 21,319  | 750    | 103,828   | 254,895   |
| 1973  | 34,968    | 2,508  | 12,068  | 3,340  | 9,227   | 4      | 53,349    | 115,464   |
| TOTAL | 1,151,515 | 40,665 | 124,657 | 94,078 | 648,354 | 27,430 | 3,140,002 | 5,226,701 |

### BY TYPE SORTIE AND COUNTRY

|               |           |        |         |        |         |        |           |           |
|---------------|-----------|--------|---------|--------|---------|--------|-----------|-----------|
| North Vietnam | 171,408   | 5      | 7,303   | 40,696 | 41,180  | -      | 91,357    | 351,949   |
| South Vietnam | 544,559   | 21,144 | 67,477  | 24,562 | 516,072 | 27,426 | 2,709,765 | 3,911,005 |
| Laos          | 376,203   | 14,179 | 33,350  | 28,018 | 71,304  | -      | 269,014   | 792,068   |
| Cambodia      | 59,344    | 5,330  | 16,527  | 786    | 19,318  | -      | 45,639    | 146,944   |
| Thailand      | 1         | 7      | -       | 16     | 480     | 4      | 24,227    | 24,735    |
| TOTAL         | 1,151,515 | 40,665 | 124,657 | 94,078 | 648,354 | 27,430 | 3,140,002 | 5,226,701 |

Source: OPRP-5  
SEADAB  
JCS STRATOPS  
SAC COACT

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SEAR-16

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USAF MS (C5), 5 Apr 1974

# USAF COMBAT SORTIES IN SOUTHEAST ASIA

(CONTINUED)

| CALENDAR<br>YEAR | ATTACK     |               |              | CAP<br>ESCORT | RECCE | COMBAT SUPPORT |              | TOTAL |
|------------------|------------|---------------|--------------|---------------|-------|----------------|--------------|-------|
|                  | TAC<br>AIR | GUN-<br>SHIPS | ARC<br>LIGHT |               |       | ARMED<br>HELO  | ALL<br>OTHER |       |

## IN NORTH VIETNAM

|                   |         |   |       |        |        |   |        |         |
|-------------------|---------|---|-------|--------|--------|---|--------|---------|
| 1965 <sup>1</sup> | 11,599  | - | -     | 5,675  | 3,294  | - | 5,554  | 26,122  |
| 1966              | 44,482  | - | 280   | 9,041  | 7,910  | - | 16,924 | 78,637  |
| 1967              | 54,312  | 4 | 1,364 | 5,617  | 11,714 | - | 28,078 | 101,089 |
| 1968              | 41,057  | - | 686   | 3,015  | 7,896  | - | 24,027 | 76,681  |
| 1969              | 213     | - | -     | 939    | 2,905  | - | 3,965  | 8,022   |
| 1970              | 699     | - | -     | 2,806  | 3,320  | - | 4,849  | 11,674  |
| 1971              | 1,195   | - | -     | 3,419  | 2,044  | - | 2,924  | 9,582   |
| 1972              | 17,096  | 1 | 4,440 | 9,658  | 1,965  | - | 4,655  | 37,815  |
| 1973              | 755     | - | 533   | 526    | 132    | - | 381    | 2,327   |
| TOTAL             | 171,408 | 5 | 7,303 | 40,696 | 41,180 | - | 91,357 | 351,949 |

## IN SOUTH VIETNAM

|                   |         |        |        |        |         |        |           |           |
|-------------------|---------|--------|--------|--------|---------|--------|-----------|-----------|
| 1962 <sup>2</sup> | 1,589   | -      | -      | 745    | 591     | -      | 12,921    | 15,846    |
| 1963              | 4,015   | -      | -      | 1,865  | 3,045   | -      | 21,568    | 30,493    |
| 1964              | 2,718   | 15     | -      | 1,604  | 7,939   | -      | 39,755    | 52,031    |
| 1965              | 36,023  | 276    | 1,538  | 1,785  | 26,755  | -      | 93,579    | 159,956   |
| 1966              | 69,610  | 1,036  | 4,307  | 5,804  | 61,419  | -      | 239,181   | 381,357   |
| 1967              | 111,704 | 4,856  | 6,609  | 6,115  | 94,748  | 616    | 474,082   | 698,730   |
| 1968              | 129,896 | 4,994  | 16,505 | 2,969  | 82,385  | 7,446  | 595,922   | 840,117   |
| 1969              | 91,798  | 4,726  | 11,494 | 2,017  | 129,022 | 6,564  | 521,223   | 766,844   |
| 1970              | 46,171  | 1,893  | 3,697  | 343    | 69,674  | 5,829  | 398,640   | 526,247   |
| 1971              | 11,758  | 84     | 2,386  | 20     | 27,139  | 6,221  | 237,876   | 285,484   |
| 1972              | 38,031  | 3,070  | 19,289 | 1,046  | 12,191  | 750    | 70,010    | 144,387   |
| 1973              | 1,246   | 194    | 1,652  | 249    | 1,164   | -      | 5,008     | 9,513     |
| TOTAL             | 544,559 | 21,144 | 67,477 | 24,562 | 516,072 | 27,426 | 2,709,765 | 3,911,005 |

<sup>1</sup> First sorties in Feb 65.<sup>2</sup> First sorties in Jan 62.

Source: OPREP-5  
SEADAB  
JCS STRATOPS  
SAC CDACT

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SEAR-17



# USAF COMBAT SORTIES

## IN SOUTHEAST ASIA

(CONTINUED)

| CALENDAR<br>YEAR | ATTACK     |               |              | CAP<br>ESCORT | RECCE | COMBAT SUPPORT |              | TOTAL |
|------------------|------------|---------------|--------------|---------------|-------|----------------|--------------|-------|
|                  | TAC<br>AIR | GUN-<br>SHIPS | ARC<br>LIGHT |               |       | ARMED<br>HELO  | ALL<br>OTHER |       |

### IN LAOS

|                   |         |        |        |        |        |   |         |         |
|-------------------|---------|--------|--------|--------|--------|---|---------|---------|
| 1964 <sup>1</sup> | 12      | -      | -      | 264    | 343    | - | -       | 619     |
| 1965              | 6,235   | -      | 24     | 686    | 2,052  | - | 815     | 9,812   |
| 1966              | 31,053  | 781    | 647    | 933    | 4,935  | - | 20,427  | 58,776  |
| 1967              | 35,321  | 7      | 1,713  | 2,701  | 8,225  | - | 30,985  | 78,952  |
| 1968              | 58,794  | 114    | 3,377  | 2,495  | 9,579  | - | 43,682  | 118,041 |
| 1969              | 99,992  | 1,683  | 5,567  | 5,324  | 15,148 | - | 61,953  | 189,667 |
| 1970              | 65,060  | 3,096  | 8,500  | 6,047  | 14,385 | - | 45,012  | 142,100 |
| 1971              | 52,183  | 5,356  | 8,850  | 4,712  | 8,911  | - | 38,698  | 118,710 |
| 1972              | 20,037  | 2,748  | 2,799  | 2,979  | 4,567  | - | 22,638  | 55,768  |
| 1973              | 7,516   | 394    | 1,873  | 1,877  | 3,159  | - | 4,804   | 19,623  |
| TOTAL             | 376,203 | 14,179 | 33,350 | 28,018 | 71,304 | - | 269,014 | 792,068 |

### IN CAMBODIA

|                   |        |       |        |     |        |   |        |         |
|-------------------|--------|-------|--------|-----|--------|---|--------|---------|
| 1969 <sup>2</sup> | 20     | -     | 2,437  | -   | -      | - | 16     | 2,473   |
| 1970              | 13,540 | 1,123 | 2,906  | 49  | 7,428  | - | 6,541  | 31,587  |
| 1971              | 15,132 | 1,584 | 1,319  | 28  | 5,002  | - | 13,628 | 36,693  |
| 1972              | 5,201  | 705   | 1,855  | 33  | 2,528  | - | 3,855  | 14,177  |
| 1973              | 25,451 | 1,918 | 8,010  | 676 | 4,360  | - | 21,599 | 62,014  |
| TOTAL             | 59,344 | 5,330 | 16,527 | 786 | 19,318 | - | 45,639 | 146,944 |

### IN THAILAND

|                   |   |   |   |    |     |   |        |        |
|-------------------|---|---|---|----|-----|---|--------|--------|
| 1972 <sup>3</sup> | 1 | 5 | - | 4  | 6E  | - | 2,670  | 2,748  |
| 1973              | - | 2 | - | 12 | 412 | 4 | 21,557 | 21,987 |
| TOTAL             | 1 | 7 | - | 16 | 480 | 4 | 24,227 | 24,735 |

<sup>1</sup> First sorties in May 64.<sup>2</sup> First sorties in May 69.<sup>3</sup> First sorties in Jun 72.

Source: OPREP-5  
SEADAE  
JCS STRATOPS  
SAC COACT

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SEAR-18

~~SECRET~~

USAF MS (CF), 31 May 1974

## KC-135 ACTIVITY

7 JUN 64 THRU 15 AUG 73

| YEAR | J | F | M | A | M | J | J | A | S | O | N | D | YEARLY TOTAL |
|------|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
|------|---|---|---|---|---|---|---|---|---|---|---|---|--------------|

## REFUELINGS

|      |       |       |       |       |       |       |       |       |       |       |       |       |        |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1964 | -     | -     | -     | -     | -     | DNA   | DNA   | DNA   | DNA   | DNA   | DNA   | DNA   | 948    |
| 1965 | 20    | 166   | 853   | 2531  | 2636  | 2307  | 2637  | 2907  | 4082  | 4262  | 4691  | 4158  | 31250  |
| 1966 | 4628  | 5137  | 6370  | 5682  | 4947  | 5531  | 6557  | 6655  | 8486  | 7451  | 7820  | 9682  | 78946  |
| 1967 | 9137  | 6758  | 8380  | 9489  | 11238 | 12038 | 11689 | 9411  | 6100  | 7244  | 6150  | 5761  | 103415 |
| 1968 | 6864  | 10327 | 10117 | 8813  | 11763 | 11372 | 12061 | 11474 | 10523 | 11842 | 11304 | 12725 | 129205 |
| 1969 | 12088 | 11351 | 12957 | 12150 | 11904 | 11126 | 11109 | 11730 | 11093 | 11436 | 10424 | 10796 | 138164 |
| 1970 | 10621 | 9453  | 9361  | 8136  | 7901  | 6795  | 7402  | 6074  | 5489  | 4712  | 5074  | 5413  | 86431  |
| 1971 | 5460  | 5073  | 5730  | 6096  | 6336  | 4830  | 3669  | 4031  | 4365  | 4453  | 5832  | 6717  | 62592  |
| 1972 | 6737  | 6176  | 7152  | 7678  | 10756 | 12520 | 11629 | 10985 | 12319 | 8848  | 9684  | 10788 | 115272 |
| 1973 | 9664  | 8323  | 7507  | 8673  | 10182 | 9407  | 9313  | 4586  | -     | -     | -     | -     | 67655  |

## FUEL OFF LOADED (million gallons)

|      |       |       |       |       |       |       |       |       |       |       |       |       |        |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1964 | -     | -     | -     | -     | -     | DNA   | DNA   | DNA   | DNA   | DNA   | DNA   | DNA   | 11.9   |
| 1965 | .2    | 1.0   | 6.4   | 16.0  | 18.4  | 18.1  | 27.6  | 30.2  | 47.7  | 48.0  | 50.7  | 50.8  | 315.0  |
| 1966 | 53.5  | 54.6  | 65.9  | 71.2  | 58.8  | 59.0  | 70.0  | 75.0  | 82.2  | 75.3  | 86.9  | 99.3  | 851.7  |
| 1967 | 104.3 | 95.6  | 110.1 | 109.2 | 107.6 | 103.9 | 95.8  | 88.6  | 77.2  | 89.1  | 78.1  | 77.7  | 1137.2 |
| 1968 | 98.4  | 124.8 | 163.2 | 123.9 | 143.1 | 142.8 | 148.4 | 142.5 | 132.2 | 136.7 | 135.1 | 151.8 | 1642.9 |
| 1969 | 131.9 | 124.6 | 137.9 | 130.7 | 135.6 | 126.0 | 124.2 | 119.2 | 107.0 | 100.0 | 92.8  | 103.2 | 1433.1 |
| 1970 | 103.9 | 94.4  | 100.2 | 86.4  | 84.3  | 74.0  | 80.8  | 66.5  | 51.1  | 44.7  | 47.3  | 54.6  | 886.2  |
| 1971 | 54.9  | 52.5  | 58.5  | 61.2  | 63.3  | 46.0  | 35.8  | 39.2  | 41.7  | 42.9  | 56.9  | 65.6  | 618.5  |
| 1972 | 65.1  | 68.4  | 99.0  | 116.8 | 141.6 | 129.8 | 110.9 | 137.8 | 158.2 | 125.0 | 134.1 | 151.8 | 1438.5 |
| 1973 | 126.9 | 129.3 | 75.3  | 82.9  | 101.4 | 82.8  | 84.6  | 43.5  | -     | -     | -     | -     | 726.7  |

DNA - Data Not Available.

Source: SAC SEAsia Operations  
Progress Report~~SECRET~~



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USAF MS (C8), 31 May 1974

## USAF TACTICAL AIRCRAFT LOSS RATE

(PER 1,000 SORTIES)

| CALENDAR YEAR<br>ATTACK SORTIES<br>LOSSES<br>LOSS RATE | NORTH<br>VIETNAM | SOUTH<br>VIETNAM | LAOS    | CAMBODIA | THAILAND | TOTAL     |
|--------------------------------------------------------|------------------|------------------|---------|----------|----------|-----------|
| 1962 Attack Sorties                                    |                  | 1,589            |         |          |          | 1,589     |
| 1962 Losses                                            |                  | 2                |         |          |          | 2         |
| 1962 Loss Rate                                         |                  | 1.26             |         |          |          | 1.26      |
| 1963 Attack Sorties                                    |                  | 4,015            |         |          |          | 4,015     |
| 1963 Losses                                            |                  | 6                |         |          |          | 6         |
| 1963 Loss Rate                                         |                  | 1.49             |         |          |          | 1.49      |
| 1964 Attack Sorties                                    |                  | 2,718            | 12      |          |          | 2,730     |
| 1964 Losses                                            |                  | 11               | -       |          |          | 11        |
| 1964 Loss Rate                                         |                  | 4.05             | -       |          |          | 4.03      |
| 1965 Attack Sorties                                    | 11,599           | 36,023           | 6,235   |          |          | 53,857    |
| 1965 Losses                                            | 63               | 36               | 9       |          |          | 108       |
| 1965 Loss Rate                                         | 5.43             | 1.00             | 1.44    |          |          | 2.01      |
| 1966 Attack Sorties                                    | 44,482           | 69,610           | 31,053  |          |          | 145,145   |
| 1966 Losses                                            | 138              | 44               | 32      |          |          | 214       |
| 1966 Loss Rate                                         | 3.10             | .63              | 1.03    |          |          | 1.47      |
| 1967 Attack Sorties                                    | 54,312           | 111,704          | 35,321  |          |          | 201,337   |
| 1967 Losses                                            | 141              | 41               | 29      |          |          | 211       |
| 1967 Loss Rate                                         | 2.60             | .37              | .82     |          |          | 1.05      |
| 1968 Attack Sorties                                    | 41,057           | 129,896          | 58,794  |          |          | 229,747   |
| 1968 Losses                                            | 54               | 59               | 39      |          |          | 152       |
| 1968 Loss Rate                                         | 1.32             | .45              | .66     |          |          | .66       |
| 1969 Attack Sorties                                    | 213              | 91,798           | 99,992  | 20       |          | 192,023   |
| 1969 Losses                                            | -                | 48               | 66      | -        |          | 114       |
| 1969 Loss Rate                                         | -                | .52              | .66     | -        |          | .59       |
| 1970 Attack Sorties                                    | 699              | 46,171           | 65,060  | 13,540   |          | 125,470   |
| 1970 Losses                                            | -                | 12               | 24      | 8        |          | 44        |
| 1970 Loss Rate                                         | -                | .26              | .37     | .59      |          | .35       |
| 1971 Attack Sorties                                    | 1,195            | 11,758           | 52,183  | 15,132   |          | 80,268    |
| 1971 Losses                                            | 1                | 6                | 10      | 8        |          | 25        |
| 1971 Loss Rates                                        | .84              | .51              | .19     | .53      |          | .31       |
| 1972 Attack Sorties                                    | 17,096           | 38,031           | 20,037  | 5,201    | 1        | 80,366    |
| 1972 Losses                                            | 25               | 8                | 12      | -        | 1        | 46        |
| 1972 Loss Rates                                        | 1.46             | .24              | .60     | -        | 1000.00  | .57       |
| 1973 Attack Sorties                                    | 755              | 1,246            | 7,516   | 25,451   |          | 34,968    |
| 1973 Losses                                            | -                | -                | -       | 6        |          | 6         |
| 1973 Loss Rates                                        | -                | -                | -       | .24      |          | .17       |
| Total Attack Sorties                                   | 171,408          | 544,559          | 376,203 | 59,344   | 1        | 1,151,515 |
| Total Losses                                           | 422              | 273              | 221     | 22       | 1        | 939       |
| Total Loss Rates                                       | 2.46             | .50              | .59     | .37      | 1,000.00 | .82       |

Loss Rate is the number of aircraft lost to hostile forces per 1,000 attack sorties. (Tactical aircraft are: A-1, A-7, A-26, A-37, B-26, B-57, F-4, F-5, F-100, F-102, F-104, F-105, F-111, and T-28.)

Sources: OPREA-5  
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USAF MS (CR), 31 May 1974

# USAF RECCE/ECM AIRCRAFT LOSS RATE<sup>1</sup> (PER 1000 SORTIES)

| Calendar Year | Sorties   | North   | South   | Laos   | Cambodia | Thailand | Total   |
|---------------|-----------|---------|---------|--------|----------|----------|---------|
| Sorties       | Losses    | Vietnam | Vietnam |        |          |          |         |
| Loss Rate     |           |         |         |        |          |          |         |
| 1962          | Sorties   |         |         |        |          |          |         |
|               | Losses    |         |         |        |          |          |         |
|               | Loss Rate |         |         |        |          |          |         |
| 1963          | Sorties   |         | 957     |        |          |          | 957     |
|               | Losses    |         |         |        |          |          |         |
|               | Loss Rate |         |         |        |          |          |         |
| 1964          | Sorties   |         | 2,793   | 343    |          |          | 3,136   |
|               | Losses    |         |         | 1      |          |          | 1       |
|               | Loss Rate |         |         | 2.92   |          |          | .32     |
| 1965          | Sorties   | 2,819   | 4,738   | 1,896  |          |          | 9,453   |
|               | Losses    | 8       | 2       | 1      |          |          | 11      |
|               | Loss Rate | 2.84    | .42     | .53    |          |          | 1.16    |
| 1966          | Sorties   | 10,750  | 9,050   | 4,941  |          |          | 24,741  |
|               | Losses    | 20      | 2       |        |          |          | 22      |
|               | Loss Rate | 1.86    | .22     |        |          |          | .89     |
| 1967          | Sorties   | 15,620  | 11,758  | 6,117  |          |          | 33,495  |
|               | Losses    | 24      | 1       | 4      |          |          | 29      |
|               | Loss Rate | 1.54    | .09     | .65    |          |          | .87     |
| 1968          | Sorties   | 11,964  | 13,236  | 8,311  |          |          | 33,511  |
|               | Losses    | 11      | 5       | 6      |          |          | 22      |
|               | Loss Rate | .92     | .38     | .72    |          |          | .66     |
| 1969          | Sorties   | 3,226   | 12,522  | 15,134 |          |          | 30,882  |
|               | Losses    | 1       | 1       | 6      |          |          | 8       |
|               | Loss Rate | .31     | .08     | .40    |          |          | .26     |
| 1970          | Sorties   | 5,220   | 6,404   | 9,109  | 1,855    |          | 22,588  |
|               | Losses    | 1       | 2       | 6      |          |          | 9       |
|               | Loss Rate | .19     | .31     | .66    |          |          | .40     |
| 1971          | Sorties   | 3,566   | 1,348   | 5,148  | 1,102    |          | 11,164  |
|               | Losses    |         | 1       |        | 2        |          | 3       |
|               | Loss Rate |         | .74     |        | 1.81     |          | .27     |
| 1972          | Sorties   | 2,201   | 2,313   | 3,315  | 64       | 42       | 7,935   |
|               | Losses    | 4       | 2       | 1      |          |          | 7       |
|               | Loss Rate | 1.82    | .86     | .30    |          |          | .88     |
| 1973          | Sorties   | 136     | 207     | 2,421  | 2,865    | 50       | 5,679   |
|               | Losses    |         |         |        |          |          |         |
|               | Loss Rate |         |         |        |          |          |         |
| Total         | Sorties   | 55,502  | 65,326  | 56,735 | 5,886    | 92       | 183,541 |
|               | Losses    | 69      | 16      | 25     | 2        |          | 112     |
|               | Loss Rate | 1.24    | .24     | .44    | .34      |          | .61     |

<sup>1</sup>Combat losses of RECCE/ECM aircraft while airborne.  
RECCE/ECM aircraft are: RB-57, EB/RB-66, RF-4, RF-101.

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Sources: OPREP-5  
SEADAB



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USAF MS (CB), 31 May 1974

## AEROSPACE RESCUE AND RECOVERY SERVICE SAVES IN SOUTHEAST ASIA

### BY CALENDAR YEAR/SERVICE/LOCATION

| CALENDAR YEAR     | TOTAL | BY SERVICE |          |     |                  |          |       | BY LOCATION OF SAVE |               |      |           |           |
|-------------------|-------|------------|----------|-----|------------------|----------|-------|---------------------|---------------|------|-----------|-----------|
|                   |       | USAF       | USN/USMC | USA | FOREIGN MILITARY | CIVILIAN | OTHER | NORTH VIETNAM       | SOUTH VIETNAM | LAOS | CAM-BODIA | THAI-LAND |
| 1965 <sup>1</sup> | 127   | 47         | 29       | 46  | 5                | -        | -     | 37                  | 76            | 9    | -         | 5         |
| 1966              | 403   | 118        | 32       | 196 | 29               | 10       | 18    | 51                  | 244           | 105  | 1         | 2         |
| 1967              | 407   | 142        | 97       | 111 | 45               | 8        | 4     | 36                  | 300           | 60   | -         | 11        |
| 1968              | 572   | 139        | 118      | 128 | 51               | 136      | -     | 31                  | 343           | 195  | -         | 3         |
| 1969              | 481   | 145        | 70       | 74  | 186              | 5        | 1     | 2                   | 208           | 250  | 4         | 17        |
| 1970              | 176   | 91         | 41       | 34  | 7                | 1        | 2     | 2                   | 112           | 51   | -         | 11        |
| 1971              | 147   | 47         | 12       | 36  | 43               | 6        | 3     | 2                   | 87            | 47   | 11        | -         |
| 1972              | 301   | 102        | 22       | 94  | 74               | 9        | -     | 15                  | 224           | 51   | 1         | 10        |
| 1973              | 14    | 7          | -        | 1   | -                | 6        | -     | -                   | 2             | 3    | 4         | 5         |
| Total             | 2,628 | 838        | 421      | 720 | 440              | 181      | 28    | 176                 | 1,596         | 771  | 21        | 64        |

### CUMULATIVE TOTAL SUMMARY

| SERVICE | AIRCREW MEMBERS | OTHER | LOCATION OF SAVE |               |      |           |           | RECOVERY AIRCRAFT |       |       |              |
|---------|-----------------|-------|------------------|---------------|------|-----------|-----------|-------------------|-------|-------|--------------|
|         |                 |       | NORTH VIETNAM    | SOUTH VIETNAM | LAOS | CAM-BODIA | THAI-LAND | HH-3              | HH-43 | HH-53 | HU-16/HC-130 |
| USAF    | 755             | 83    | 143              | 319           | 315  | 7         | 54        | 356               | 252   | 195   | 35           |
| USN/MC  | 209             | 212   | 31               | 332           | 53   | 2         | 3         | 186               | 157   | 57    | 21           |
| USA     | 270             | 450   | -                | 690           | 29   | 1         | -         | 91                | 496   | 122   | 11           |
| F/MIL   | 59              | 381   | 2                | 217           | 210  | 11        | -         | 41                | 123   | 265   | 11           |
| CIV     | 10              | 171   | -                | 30            | 144  | -         | 7         | 61                | 17    | 77    | 6            |
| OTHER   | 3               | 25    | -                | 8             | 20   | -         | -         | 19                | 7     | -     | 2            |
| TOTAL   | 1,306           | 1,322 | 176              | 1,596         | 771  | 21        | 64        | 774               | 1,052 | 716   | 86           |

<sup>1</sup> 1 Dec 64-31 Dec 65.

Source: ARRS Forms 0-55, 0-57, 0-58

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SEAR-22

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# USAF AIRCRAFT LOSSES SOUTHEAST ASIA LOSSES BY COUNTRY/CALENDAR YEAR 1 FEB 62 - 31 DEC 73

USAF MS (C6), 6 May 1974

| COMBAT LOSSES |      |     |      |               |       | TYPE<br>AIRCRAFT  | OPERATIONAL LOSSES |      |     |      |               |       | GRAND<br>TOTAL | CY SUMMARY<br>COMBAT & OPERATIONAL |     |     |     |     |     |    |     |    |  |
|---------------|------|-----|------|---------------|-------|-------------------|--------------------|------|-----|------|---------------|-------|----------------|------------------------------------|-----|-----|-----|-----|-----|----|-----|----|--|
| NVN           | LAOS | SVN | THAI | CAM-<br>BODIA | TOTAL |                   | NVN                | LAOS | SVN | THAI | CAM-<br>BODIA | TOTAL |                | 62-<br>65                          | 66  | 67  | 68  | 69  | 70  | 71 | 72  | 73 |  |
| 18            | 89   | 43  | -    | -             | 150   | A-1               | 2                  | 7    | 19  | 13   | -             | 41    | 191            | 33                                 | 41  | 16  | 36  | 29  | 21  | 8  | 9   | -  |  |
| -             | 2    | -   | -    | 2             | 4     | A-7               | -                  | -    | -   | 4    | -             | 4     | 8              | -                                  | -   | -   | -   | -   | -   | -  | 2   | 6  |  |
| -             | 10   | -   | -    | -             | 10    | A-26              | -                  | -    | -   | 2    | -             | 2     | 12             | -                                  | 3   | 5   | 1   | 3   | -   | -  | -   | -  |  |
| -             | -    | 11  | -    | 5             | 16    | A-37              | -                  | -    | 6   | -    | -             | 6     | 22             | -                                  | -   | 2   | 7   | 2   | 1   | 4  | 6   | -  |  |
| -             | 4    | 13  | -    | -             | 17    | AC-47             | -                  | -    | 2   | -    | -             | 2     | 19             | 2                                  | 4   | 6   | 6   | 1   | -   | -  | -   | -  |  |
| -             | -    | 1   | 1    | -             | 2     | AC-119            | -                  | -    | 4   | -    | -             | 4     | 6              | -                                  | -   | -   | -   | 1   | 3   | -  | 2   | -  |  |
| -             | 5    | 1   | -    | -             | 6     | AC-130            | -                  | -    | -   | -    | -             | -     | 6              | -                                  | -   | -   | -   | 1   | 1   | -  | 4   | -  |  |
| -             | -    | 9   | -    | -             | 9     | B/RB-26           | -                  | -    | 1   | -    | -             | 1     | 10             | 10                                 | -   | -   | -   | -   | -   | -  | -   | -  |  |
| 18            | -    | -   | -    | -             | 18    | B-52              | -                  | -    | 6   | 2    | -             | 12    | 30             | 2                                  | -   | 3   | 2   | 3   | -   | -  | -   | -  |  |
| 5             | 12   | 21  | -    | -             | 38    | B-57              | -                  | -    | 16  | -    | -             | 18    | 56             | 27                                 | 13  | 6   | 5   | 4   | 1   | -  | -   | 2  |  |
| -             | -    | 8   | -    | -             | 8     | C-7               | -                  | -    | 12  | -    | -             | 12    | 20             | -                                  | -   | 3   | 7   | 5   | 4   | 1  | -   | -  |  |
| 1             | 4    | 3   | -    | -             | 8     | C-47 <sup>2</sup> | -                  | -    | 11  | 2    | -             | 13    | 21             | 4                                  | 3   | 2   | 3   | 4   | 3   | -  | -   | -  |  |
| -             | 3    | 18  | -    | -             | 21    | C/UC-123          | -                  | -    | 30  | 2    | -             | 32    | 53             | 16                                 | 11  | 7   | 10  | 3   | 4   | 2  | -   | 1  |  |
| 2             | 2    | 30  | -    | -             | 34    | C-130             | -                  | -    | 20  | 1    | -             | 21    | 55             | 7                                  | 6   | 14  | 14  | 7   | -   | 1  | 6   | -  |  |
| -             | -    | -   | -    | -             | -     | C-141             | -                  | -    | 2   | -    | -             | 2     | 2              | -                                  | -   | 2   | -   | -   | -   | -  | -   | -  |  |
| 1             | 10   | 2   | 1    | -             | 14    | CH-3              | -                  | 1    | -   | 2    | -             | 3     | 17             | 1                                  | -   | 2   | 2   | 9   | 3   | -  | -   | -  |  |
| -             | 2    | -   | -    | -             | 2     | CH-53             | -                  | -    | -   | -    | -             | -     | 2              | -                                  | -   | -   | -   | -   | -   | 2  | -   | -  |  |
| 3             | -    | 1   | -    | -             | 4     | EB-66             | -                  | -    | -   | 9    | -             | 9     | 13             | -                                  | 1   | 3   | 3   | 1   | 1   | 2  | 2   | -  |  |
| -             | -    | -   | -    | -             | -     | EC-121            | -                  | -    | -   | 2    | -             | 2     | 2              | -                                  | -   | -   | -   | 2   | -   | -  | -   | -  |  |
| 91            | 18   | 37  | -    | -             | 146   | F-4C              | 1                  | -    | 22  | 10   | -             | 33    | 179            | 13                                 | 56  | 79  | 15  | 15  | 1   | -  | -   | -  |  |
| 70            | 68   | 22  | 1    | 5             | 166   | F-4D              | 1                  | -    | 7   | 20   | -             | 26    | 194            | -                                  | -   | 18  | 48  | 39  | 21  | 22 | 41  | 5  |  |
| 32            | 23   | 12  | -    | 3             | 70    | F-4E              | -                  | -    | -   | 2    | -             | 2     | 72             | -                                  | -   | -   | -   | 10  | 11  | 8  | 41  | 2  |  |
| -             | -    | 7   | -    | -             | 7     | F-5               | -                  | -    | 2   | -    | -             | 2     | 9              | 1                                  | 7   | 1   | -   | -   | -   | -  | -   | -  |  |
| 16            | 29   | 147 | -    | 6             | 198   | F-100             | -                  | 1    | 42  | 2    | -             | 45    | 243            | 28                                 | 26  | 36  | 62  | 54  | 26  | 11 | -   | -  |  |
| 1             | -    | 6   | -    | -             | 7     | F/TF-102          | -                  | -    | 5   | 3    | -             | 8     | 15             | 5                                  | 3   | 3   | 3   | 1   | -   | -  | -   | -  |  |
| 4             | 2    | 2   | -    | -             | 8     | F-104             | 3                  | -    | 2   | 1    | -             | 6     | 14             | 5                                  | 5   | 4   | -   | -   | -   | -  | -   | -  |  |
| 282           | 51   | 1   | -    | -             | 334   | F-105             | 3                  | 5    | 2   | 53   | -             | 63    | 397            | 69                                 | 126 | 113 | 47  | 21  | 10  | 1  | 10  | 2  |  |
| 3             | 5    | -   | -    | -             | 8     | F-111             | -                  | -    | -   | 2    | 1             | 3     | 11             | -                                  | -   | -   | 3   | -   | -   | -  | 6   | -  |  |
| -             | -    | 2   | -    | -             | 2     | HC-130            | -                  | -    | -   | -    | -             | -     | 2              | -                                  | -   | -   | 2   | -   | -   | -  | -   | -  |  |
| 3             | 5    | 2   | -    | -             | 10    | HH-3              | 1                  | 2    | 1   | -    | -             | 4     | 14             | -                                  | 3   | 3   | 5   | 1   | 2   | -  | -   | -  |  |
| 1             | -    | 9   | -    | -             | 10    | HH-43             | -                  | -    | 2   | 2    | -             | 4     | 14             | 3                                  | 2   | 2   | 2   | 5   | -   | -  | -   | -  |  |
| 1             | 4    | 3   | -    | 1             | 9     | HH-53             | -                  | -    | -   | -    | 1             | 1     | 10             | -                                  | -   | -   | -   | 1   | 2   | 2  | 4   | 1  |  |
| 1             | -    | 1   | -    | -             | 2     | HU-16             | -                  | -    | 2   | -    | -             | 2     | 4              | 2                                  | 2   | -   | -   | -   | -   | -  | -   | -  |  |
| -             | -    | -   | -    | -             | -     | KB-50             | -                  | -    | -   | 1    | -             | 1     | 1              | 1                                  | -   | -   | -   | -   | -   | -  | -   | -  |  |
| -             | -    | -   | -    | -             | -     | KC-135            | -                  | -    | -   | 1    | -             | 1     | 1              | -                                  | -   | -   | 1   | -   | -   | -  | -   | -  |  |
| 2             | 9    | 110 | -    | 1             | 122   | O/O-1             | -                  | 2    | 48  | -    | -             | 50    | 172            | 34                                 | 38  | 40  | 38  | 14  | 7   | 1  | -   | -  |  |
| 3             | 18   | 57  | -    | 4             | 82    | O-2               | -                  | 2    | 18  | 2    | -             | 22    | 104            | -                                  | -   | 7   | 35  | 25  | 16  | 7  | 14  | -  |  |
| -             | 18   | 23  | -    | 6             | 47    | OV-10             | -                  | 3    | 10  | 2    | 1             | 16    | 63             | -                                  | -   | -   | 2   | 11  | 19  | 10 | 18  | 3  |  |
| -             | -    | -   | -    | -             | -     | QU/YOU<br>-22     | -                  | 4    | 1   | 5    | -             | 10    | 10             | -                                  | -   | -   | -   | 2   | 1   | 2  | 5   | -  |  |
| -             | -    | 2   | -    | -             | 2     | RB-57             | -                  | -    | -   | -    | -             | -     | 2              | 1                                  | -   | -   | 1   | -   | -   | -  | -   | -  |  |
| 1             | -    | 1   | -    | -             | 2     | RB-66             | -                  | -    | -   | -    | -             | -     | 2              | 1                                  | 1   | -   | -   | -   | -   | -  | -   | -  |  |
| 38            | 22   | 14  | -    | 2             | 76    | RF-4              | 1                  | -    | 4   | 2    | -             | 7     | 83             | -                                  | 7   | 23  | 25  | 10  | 9   | 3  | 6   | -  |  |
| 27            | 3    | 3   | -    | -             | 33    | RF-101            | 1                  | -    | 2   | 3    | -             | 6     | 39             | 10                                 | 16  | 11  | 2   | -   | -   | -  | -   | -  |  |
| 1             | 3    | 13  | -    | -             | 17    | T-28              | -                  | 2    | 3   | 1    | -             | 6     | 23             | 16                                 | 1   | 4   | 2   | -   | -   | -  | -   | -  |  |
| -             | -    | -   | -    | -             | -     | U-2               | -                  | -    | 1   | -    | -             | 1     | 1              | -                                  | 1   | -   | -   | -   | -   | -  | -   | -  |  |
| -             | -    | 1   | -    | -             | 1     | U-3               | -                  | -    | -   | -    | -             | -     | 1              | -                                  | -   | -   | 1   | -   | -   | -  | -   | -  |  |
| -             | -    | -   | -    | -             | -     | U-6               | -                  | -    | -   | 1    | -             | 1     | 1              | -                                  | 1   | -   | -   | -   | -   | -  | -   | -  |  |
| -             | 1    | 3   | -    | -             | 4     | U-10              | -                  | -    | 6   | -    | -             | 8     | 12             | 3                                  | 2   | 3   | 1   | 3   | -   | -  | -   | -  |  |
| -             | 1    | 12  | -    | -             | 13    | UH-1              | -                  | -    | 6   | -    | -             | 6     | 19             | -                                  | -   | 3   | 2   | 9   | 4   | 1  | -   | -  |  |
| 625           | 423  | 651 | 3    | 35            | 1737  | TOTAL             | 13                 | 29   | 319 | 152  | 3             | 520   | 2257           | 294                                | 379 | 421 | 393 | 296 | 171 | 88 | 193 | 22 |  |

<sup>1</sup>Includes 2 B-52s destroyed at Kadena and 2 at Andersen while supporting ARC LIGHT.

<sup>2</sup>Includes C/EC/HC/RC/SC-47 aircraft.

Source: OPRP-5

~~SECRET~~

SEAR -23

# USAF AIRCRAFT LOSSES SOUTHEAST ASIA BY CAUSE

| TIME PERIOD        |       |         | COMBAT LOSSES |                            |                         |               |       | OPERATIONAL     | TOTAL |
|--------------------|-------|---------|---------------|----------------------------|-------------------------|---------------|-------|-----------------|-------|
|                    |       |         | GROUND FIRE   | GROUND ATTACK ON AIR BASES | SURFACE TO AIR MISSILES | AERIAL COMBAT | OTHER |                 |       |
| CY 67              | FY 63 | JAN-JUN | 3             |                            |                         |               |       | 1               | 4     |
|                    |       | JUL-DEC | 4             |                            |                         |               |       | 2               | 6     |
| CY 63              | FY 63 | JAN-JUN | 6             |                            |                         |               |       | 3               | 9     |
|                    |       | JUL-DEC | 6             |                            |                         |               |       | 2               | 8     |
| CY 64              | FY 64 | JAN-JUN | 9             |                            |                         |               |       | 4               | 13    |
|                    |       | JUL-DEC | 16            | 6                          |                         |               |       | 6               | 28    |
| CY 65              | FY 65 | JAN-JUN | 46            |                            |                         | 2             |       | 32              | 80    |
|                    |       | JUL-DEC | 96            | 10                         | 5                       | 1             |       | 34              | 146   |
| CY 66              | FY 66 | JAN-JUN | 112           | 5                          | 4                       | 1             |       | 41              | 163   |
|                    |       | JUL-DEC | 155           | 1                          | 14                      | 7             |       | 39              | 216   |
| CY 67              | FY 67 | JAN-JUN | 121           | 5                          | 12                      | 9             |       | 38              | 185   |
|                    |       | JUL-DEC | 139           | 13                         | 16                      | 13            | 6     | 49              | 236   |
| CY 68              | FY 68 | JAN-JUN | 136           | 32                         | 3                       | 9             | 4     | 42              | 226   |
|                    |       | JUL-DEC | 116           | 3                          |                         |               | 1     | 47 <sup>2</sup> | 167   |
| CY 69              | FY 69 | JAN-JUN | 118           | 11                         |                         |               |       | 30 <sup>3</sup> | 159   |
|                    |       | JUL-DEC | 88            | 1                          |                         |               |       | 48 <sup>3</sup> | 137   |
| CY 70              | FY 70 | JAN-JUN | 89            | 2                          |                         | 1             |       | 28              | 120   |
|                    |       | JUL-DEC | 35            |                            |                         |               |       | 16              | 51    |
| CY 71              | FY 71 | JAN-JUN | 38            | 1                          | 2                       |               |       | 11              | 52    |
|                    |       | JUL-DEC | 26            |                            | 2                       | 1             | 1     | 6               | 36    |
| CY 72              | FY 72 | JAN-JUN | 46            | 2                          | 22                      | 13            |       | 13              | 96    |
|                    |       | JUL-DEC | 32            | 4                          | 27                      | 10            | 7     | 17              | 97    |
| CY 73              | FY 73 | JAN-JUN | 6             |                            | 3                       |               | 2     | 8               | 19    |
|                    |       | JUL-DEC |               |                            |                         |               |       | 3               | 3     |
| TOTAL TO 31 DEC 73 |       |         | 1,443         | 96                         | 110                     | 67            | 21    | 520             | 2,257 |

<sup>1</sup> Includes small arms, automatic weapons and antiaircraft artillery.

<sup>2</sup> Includes 2 B-52s destroyed at Kadena while supporting ARCLIGHT.

<sup>3</sup> Includes 1 B-52 destroyed at Anderson while supporting ARCLIGHT

Source: OPREP-5



## USAF AIRCRAFT LOSSES IN SE ASIA

1 FEB 1962 - 31 DEC 1973

## BY CALENDAR YEAR

| Calendar Year | Number | Cost (Millions) | Calendar Year | Number | Cost (Millions) |
|---------------|--------|-----------------|---------------|--------|-----------------|
| 1962          | 10     | \$ 3,521        | 1969          | 296    | \$ 330,622      |
| 1963          | 17     | 4,459           | 1970          | 171    | 171,747         |
| 1964          | 40     | 23,005          | 1971          | 88     | 105,331         |
| 1965          | 227    | 305,188         | 1972          | 193    | 457,254         |
| 1966          | 379    | 536,239         | 1973          | 22     | 64,437          |
| 1967          | 421    | 653,411         |               |        |                 |
| 1968          | 393    | 474,734         | Total         | 2,257  | \$3,129,948     |

## BY M/D/S AIRCRAFT

| M/D/S    | Number | Cost (Millions) | M/D/S  | Number | Cost (Millions) | M/D/S  | Number | Cost (Millions) |
|----------|--------|-----------------|--------|--------|-----------------|--------|--------|-----------------|
| A-1      | 191    | \$ 66,468       | EC-121 | 2      | \$ 6,510        | O-2    | 104    | \$ 9,464        |
| A-7      | 8      | 19,832          | F-4C   | 179    | 339,742         | OV-10  | 63     | 30,240          |
| A-26     | 12     | 6,924           | F-4D   | 194    | 326,308         | OU-22  | 10     | 6,120           |
| A-37     | 22     | 8,778           | F-4E   | 72     | 178,056         | RB-57  | 2      | 6,474           |
| AC-130   | 6      | 15,900          | F-5    | 9      | 6,804           | RF-4   | 83     | 192,643         |
| B/RB-26  | 10     | 2,430           | F-100  | 243    | 193,185         | RF-101 | 39     | 78,117          |
| B-52 D/F | 23     | 151,501         | F-102  | 15     | 19,875          | T-28   | 23     | 3,542           |
| B-52 G   | 7      | 56,273          | F-104  | 14     | 24,780          | U-2    | 1      | N/A             |
| B-57     | 56     | 65,912          | F-105  | 397    | 869,033         | U-3    | 1      | .053            |
| C-7      | 20     | 15,980          | F-111  | 11     | 106,777         | U-6    | 1      | .045            |
| C-47     | 40     | 3,800           | HC-130 | 2      | 5,338           | U-10   | 12     | .732            |
| C/AC-119 | 6      | 3,600           | HH-3   | 14     | 15,260          | UH-1   | 19     | 6,935           |
| C/UC-123 | 53     | 35,245          | HH-43  | 14     | 4,130           | Total  | 2,257  | \$3,129,948     |
| C-130    | 55     | 140,745         | HH-53  | 10     | 20,840          |        |        |                 |
| C-141    | 2      | 12,640          | HU-16  | 4      | 2,976           |        |        |                 |
| CH-3     | 17     | 13,260          | KB-50  | 1      | 1,144           |        |        |                 |
| CH-53    | 2      | 4,594           | KC-135 | 1      | 3,241           |        |        |                 |
| EB/RB-66 | 15     | 43,230          | O-1    | 172    | 4,472           |        |        |                 |

## BY COUNTRY

| Country                 | Number | Cost (Millions) |
|-------------------------|--------|-----------------|
| North Vietnam           | 638    | \$1,364,804     |
| South Vietnam           | 970    | 813,349         |
| Laos                    | 452    | 585,352         |
| Cambodia                | 38     | 49,819          |
| Thailand                | 155    | 290,276         |
| Western Pacific (B-52s) | 4      | 26,348          |
| Total                   | 2,257  | \$3,129,948     |

Source: OPREP-5

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USAF MS (C6), 6 May 1974

## STATUS OF USAF AIRCREW MEMBERS INVOLVED IN AIRCRAFT LOSSES

1 FEB 62 - 31 DEC 73

## SUMMARY

| CREW MEMBER STATUS | COMBAT             | OPERATIONAL | TOTAL |
|--------------------|--------------------|-------------|-------|
| Rescued            | 1,242              | 764         | 2,006 |
| Killed             | 721                | 372         | 1,093 |
| Missing            | 719                | 10          | 729   |
| Captured           | 303                | -           | 303   |
| (Released)         | (368) <sup>1</sup> | (-)         | (368) |
| TOTAL              | 2,985              | 1,146       | 4,131 |

## BY TYPE AIRCRAFT AND COUNTRY

| CREW MEMBERS IN COMBAT LOSSES |        |         |          | AIRCRAFT LOSSES |      |     | CREW MEMBERS IN OPERATIONAL LOSSES |        |         |          |
|-------------------------------|--------|---------|----------|-----------------|------|-----|------------------------------------|--------|---------|----------|
| Rescued                       | Killed | Missing | Captured | Combat          | Type | Opl | Rescued                            | Killed | Missing | Captured |

## NORTH VIETNAM

|     |    |     |     |     |        |    |    |   |   |   |
|-----|----|-----|-----|-----|--------|----|----|---|---|---|
| 9   | 2  | 6   | 2   | 18  | A1     | 2  |    | 2 |   |   |
| 44  | 4  | 38  | 24  | 18  | B-52   | -  |    |   |   |   |
| 4   | 2  | 3   |     | 5   | B57    | -  |    |   |   |   |
|     |    | 19  |     | 2   | C130   | -  |    |   |   |   |
| 1   |    |     | 3   | 1   | CH3    | -  |    |   |   |   |
| 7   | 2  | 4   | 12  | 4   | E/RB66 | -  |    |   |   |   |
| 130 | 7  | 128 | 116 | 193 | F4     | 2  | 4  |   |   |   |
| 14  | 2  | 5   | 5   | 16  | F100   | -  |    |   |   |   |
|     |    | 1   |     | 1   | F102   | -  |    |   |   |   |
|     |    | 3   | 1   | 4   | F104   | 3  | 3  |   |   |   |
| 99  | 18 | 96  | 99  | 282 | F105   | 3  | 3  | 1 |   |   |
|     |    | 6   |     | 3   | F-111  | -  |    |   |   |   |
|     | 1  |     | 3   | 1   | H43    | -  |    |   |   |   |
| 10  |    | 3   |     | 3   | HH3    | 1  | 4  |   |   |   |
| 6   |    |     |     | 1   | HH53   | -  |    |   |   |   |
| 4   | 2  |     |     | 1   | HU16   | -  |    |   |   |   |
|     |    | 2   |     | 2   | O1     | -  |    |   |   |   |
| 2   | 3  |     |     | 3   | O2     | -  |    |   |   |   |
|     |    | 8   |     | 1   | RC47   | -  |    |   |   |   |
| 22  | 5  | 30  | 18  | 38  | RF4    | 1  | 2  |   |   |   |
| 6   | 1  | 10  | 10  | 27  | RF101  | 1  | 1  |   |   |   |
|     |    | 2   |     | 1   | T28    | -  |    |   |   |   |
| 358 | 49 | 364 | 293 | 625 | TOTAL  | 13 | 17 | 3 | - | - |

## LAOS

|     |     |     |   |                 |       |    |    |   |   |   |
|-----|-----|-----|---|-----------------|-------|----|----|---|---|---|
| 50  | 28  | 16  |   | 89 <sup>2</sup> | A1    | 7  | 5  | 1 | 1 |   |
|     |     | 2   |   | 2               | A7    |    |    |   |   |   |
| 5   | 9   | 9   |   | 10              | A26   | -  |    |   |   |   |
|     |     | 27  |   | 4               | AC47  | -  |    |   |   |   |
| 27  | 3   | 37  |   | 5               | AC130 | -  |    |   |   |   |
| 7   | 4   | 12  |   | 12              | B57   | -  |    |   |   |   |
| 1   |     | 6   |   | 1               | C123  | -  |    |   |   |   |
|     |     | 15  |   | 2               | C130  | -  |    |   |   |   |
| 33  | 3   |     |   | 10 <sup>2</sup> | CH3   | 1  | 2  | 2 |   |   |
| 6   | 2   |     |   | 2               | CH53  | -  |    |   |   |   |
| 11  | 20  |     |   | 4               | EC47  | -  |    |   |   |   |
| 113 | 21  | 81  | 3 | 109             | F4    | -  |    |   |   |   |
| 27  | 5   | 8   |   | 29              | F100  | 1  | 1  |   |   |   |
| 1   | 1   |     |   | 2               | F104  | -  |    |   |   |   |
| 32  | 8   | 14  | 1 | 51              | F105  | 5  | 4  | 1 |   |   |
|     | 2   | 7   |   | 5               | F111  | -  |    |   |   |   |
| 15  | 5   |     |   | 5               | HH3   | 2  | 7  |   |   |   |
| 10  | 11  |     |   | 4               | HH53  | -  |    |   |   |   |
| 2   | 4   | 5   |   | 9               | O1    | 2  | 2  | 1 |   |   |
| 10  | 7   | 8   |   | 18              | O2    | 2  | 2  |   |   |   |
| 13  | 3   | 5   | 1 | 18              | OV10  | 3  | 5  |   |   |   |
|     |     |     |   | -               | QU22  | 4  | 4  |   |   |   |
| 26  | 3   | 13  | 2 | 22              | RF4   | -  |    |   |   |   |
| 2   |     |     | 1 | 3               | RF101 | -  |    |   |   |   |
|     | 1   | 3   |   | 3               | T28   | 2  | 2  |   |   |   |
|     |     |     |   | 1 <sup>2</sup>  | U10   | -  |    |   |   |   |
| 4   | 5   |     |   | 2               | UC123 | -  |    |   |   |   |
| 3   | 1   |     |   | 1               | UH1   | -  |    |   |   |   |
| 398 | 146 | 268 | 8 | 423             | TOTAL | 29 | 34 | 5 | 1 | - |

<sup>1</sup> Data from Military Personnel Casualties Report.<sup>2</sup> Destroyed on Ground: By mortar/rocket fire: 1-CH3, 1-U10.  
By fire: 1-A1.SECRET  
SEAR 26

Source: OPREP-5



~~SECRET~~

# STATUS OF USAF AIRCREW MEMBERS INVOLVED IN AIRCRAFT LOSSES

1 FEB 62 - 31 DEC 73

BY TYPE AIRCRAFT AND COUNTRY

(CONTINUED)

| CREW MEMBERS IN COMBAT LOSSES |        |         |          | AIRCRAFT LOSSES |      |     | CREW MEMBERS IN OPERATIONAL LOSSES |        |         |          |
|-------------------------------|--------|---------|----------|-----------------|------|-----|------------------------------------|--------|---------|----------|
| Rescued                       | Killed | Missing | Captured | Combat          | Type | Opl | Rescued                            | Killed | Missing | Captured |

## CAMBODIA

|    |    |   |   |    |       |   |   |   |   |   |
|----|----|---|---|----|-------|---|---|---|---|---|
| 1  | 1  |   |   | 2  | A-7   |   |   |   |   |   |
| 1  | 4  |   |   | 5  | A37   |   |   |   |   |   |
| 6  | 4  | 6 |   | 8  | F4    |   |   |   |   |   |
| 4  | 1  | 1 |   | 6  | F100  |   |   |   |   |   |
|    | 5  |   |   | 1  | HH53  | 1 | 2 |   | 3 |   |
| 1  |    |   |   | 1  | O1    |   |   |   |   |   |
| 2  | 3  | 1 |   | 4  | O2    |   |   |   |   |   |
| 4  | 3  | 1 |   | 6  | OV10  | 1 |   | 1 |   |   |
| 4  |    |   |   | 2  | RF4   |   |   |   |   |   |
|    |    |   |   |    | F-111 | 1 | 2 |   |   |   |
|    |    |   |   |    |       |   |   |   |   |   |
|    |    |   |   |    |       |   |   |   |   |   |
|    |    |   |   |    |       |   |   |   |   |   |
|    |    |   |   |    |       |   |   |   |   |   |
| 23 | 21 | 9 | - | 35 | TOTAL | 3 | 4 | 1 | 3 | - |

## THAILAND

|   |   |   |   |   |                     |     |     |     |   |   |
|---|---|---|---|---|---------------------|-----|-----|-----|---|---|
|   |   |   |   | - | A1                  | 13  | 8   | 5   |   |   |
|   |   |   |   | - | A-7                 | 4   | 3   | 1   |   |   |
|   |   |   |   | - | A26                 | 2   |     | 4   |   |   |
|   |   |   |   | 1 | AC-119 <sup>1</sup> | -   |     |     |   |   |
|   |   |   |   | - | B52                 | 2   | 7   | 5   |   |   |
|   |   |   |   | - | C123                | 2   | 4   | 4   |   |   |
|   |   |   |   | - | C130                | 1   |     | 6   |   |   |
| 1 | 4 |   |   | 1 | CH3                 | 2   | 4   |     |   |   |
|   |   |   |   | - | EB66                | 9   | 25  | 14  |   |   |
|   |   |   |   | - | EC47                | 2   | 16  | 2   |   |   |
|   |   |   |   | - | EC121               | 2   | 12  | 22  |   |   |
|   | 2 |   |   | 1 | F4                  | 32  | 50  | 14  |   |   |
|   |   |   |   | - | F100                | 2   | 3   |     |   |   |
|   |   |   |   | - | F/TF102             | 3   | 3   | 1   |   |   |
|   |   |   |   | - | F104                | 1   | 1   |     |   |   |
|   |   |   |   | - | F105                | 53  | 53  | 12  |   |   |
|   |   |   |   | - | F111                | 2   | 4   |     |   |   |
|   |   |   |   | - | H43                 | 2   | 4   | 2   |   |   |
|   |   |   |   | - | KB50                | 1   | 6   |     |   |   |
|   |   |   |   | - | KC135               | 1   |     | 4   |   |   |
|   |   |   |   | - | O2                  | 2   |     | 4   |   |   |
|   |   |   |   | - | OV10                | 2   | 1   |     |   |   |
|   |   |   |   | - | QU22                | 5   | 4   | 1   |   |   |
|   |   |   |   | - | RF4                 | 2   | 4   |     |   |   |
|   |   |   |   | - | RF101               | 3   | 3   |     |   |   |
|   |   |   |   | - | T28                 | 1   |     | 2   |   |   |
|   |   |   |   | - | U6                  | 1   | 2   |     |   |   |
|   |   |   |   |   |                     |     |     |     |   |   |
|   |   |   |   |   |                     |     |     |     |   |   |
| 1 | 6 | - | - | 3 | TOTAL               | 152 | 217 | 103 | - | - |

<sup>1</sup> Destroyed on ground: 1 - AC119.

Source: OPREP-5

~~SECRET~~

SEAR 27



# STATUS OF USAF AIRCREW MEMBERS INVOLVED IN AIRCRAFT LOSSES

1 FEB 62 - 31 DEC 73

BY TYPE AIRCRAFT AND COUNTRY

(CONTINUED)

| CREW MEMBERS IN COMBAT LOSSES |        |         |          | AIRCRAFT LOSSES |           |     | CREW MEMBERS IN OPERATIONAL LOSSES |        |         |          |
|-------------------------------|--------|---------|----------|-----------------|-----------|-----|------------------------------------|--------|---------|----------|
| Rescued                       | Killed | Missing | Captured | Combat          | Type      | Op  | Rescued                            | Killed | Missing | Captured |
| SOUTH VIETNAM                 |        |         |          |                 |           |     |                                    |        |         |          |
| 22                            | 22     |         |          | 43              | A1        | 19  | 9                                  | 13     |         |          |
| 2                             | 5      | 2       |          | 11              | A37       | 6   | 4                                  | 2      |         |          |
| 24                            | 57     | 1       |          | 13              | AC47      | 2   | 7                                  | 7      |         |          |
| 7                             | 3      |         |          | 1               | AC119     | 4   | 25                                 | 13     |         |          |
| 3                             |        | 12      |          | 1               | AC130     |     |                                    |        |         |          |
| 1                             | 20     |         |          | 9               | B/RB26    | 1   |                                    | 2      |         |          |
|                               |        |         |          | -               | B52       | 6   | 17                                 | 20     |         |          |
| 19                            | 15     | 1       | 1        | 23              | B/RB57    | 18  | 14                                 | 2      |         |          |
| 4                             | 18     |         |          | 8               | C7        | 12  | 24                                 | 13     |         |          |
|                               | 16     |         |          | 3               | C47       | 11  | 21                                 | 22     |         |          |
| 10                            | 41     | 4       |          | 18              | C1C123    | 30  | 87                                 | 46     |         |          |
| 35                            | 65     |         |          | 32              | C/HC130   | 20  | 82                                 | 32     |         |          |
|                               |        |         |          | -               | C141      | 2   | 3                                  | 12     |         |          |
| 6                             | 11     |         |          | 4               | CH/HH3    | 1   |                                    |        |         |          |
| 76                            | 40     | 8       |          | 71              | F4        | 29  | 33                                 | 19     | 2       |          |
| 2                             | 6      |         |          | 7               | F5        | 2   | 1                                  | 1      |         |          |
| 96                            | 48     | 3       |          | 147             | F100      | 42  | 28                                 | 11     | 3       |          |
| 2                             |        |         |          | 6               | F102      | 5   | 5                                  |        |         |          |
| 1                             | 1      |         |          | 2               | F104      | 2   | 2                                  |        |         |          |
| 1                             |        |         |          | 1               | F105      | 2   |                                    | 2      |         |          |
| 24                            | 3      |         |          | 9               | H43       | 2   | 4                                  | 5      |         |          |
| 2                             | 9      | 1       |          | 3               | HH53      | -   |                                    |        |         |          |
|                               |        | 7       |          | 1               | HU16      | 2   | 14                                 |        |         |          |
| 50                            | 40     | 8       |          | 110             | O/TQ1     | 48  | 50                                 | 19     |         |          |
| 15                            | 33     | 11      |          | 57              | O2        | 18  | 15                                 | 9      |         |          |
| 8                             | 16     | 8       |          | 23              | OV10      | 10  | 10                                 | 5      |         |          |
|                               |        |         |          | -               | OU22      | 1   |                                    | 1      |         |          |
| 1                             | 3      | 5       |          | 2               | RB66/EB66 | -   |                                    |        |         |          |
| 6                             | 6      | 7       | 1        | 14              | RF4       | 4   | 7                                  | 1      |         |          |
| 2                             |        |         |          | 3               | RF101     | 2   | 2                                  |        |         |          |
| 6                             | 8      |         |          | 13              | T28       | 3   | 3                                  |        |         |          |
|                               |        |         |          | -               | U2        | 1   | 1                                  |        |         |          |
|                               |        |         |          | 1               | U3        | -   |                                    |        |         |          |
|                               | 3      |         |          | 3               | U10       | 8   | 7                                  | 1      | 1       |          |
| 37                            | 10     |         |          | 12              | UH1       | 6   | 17                                 | 2      |         |          |
| 462                           | 499    | 78      | 2        | 651             | TOTAL     | 319 | 492                                | 260    | 6       | -        |

Destroyed on Ground: By mortar/rocket fire:  
2 - A1, 2 - A37, 2 - AC47, 5 - B57, 1 - C7, 4 - C123,  
12 - C-130, 1 EC47, 9 - F4, 7 - F100, 4 - F102,  
2 - HC130, 2 - HH43, 1 - HH53, 4 - RF4, 1 - RF101, 1 - U3,  
1 - U10, 28 - O1, 10 - O2, 1 - OV-10.  
By fire caused by a crash-landed, battle-damaged F-4:  
3 - O1, 2 - O2.

Includes:  
1 - C7 operational loss while aircraft was being  
airlifted; no crew on board.  
Includes:  
1 - EC47, 1 - RC47 and 1 - SC47 combat loss; 6 - C47  
2 - EC47, 2 - HC47, and 1 - RC47 operational loss.

Source: OPREP-5

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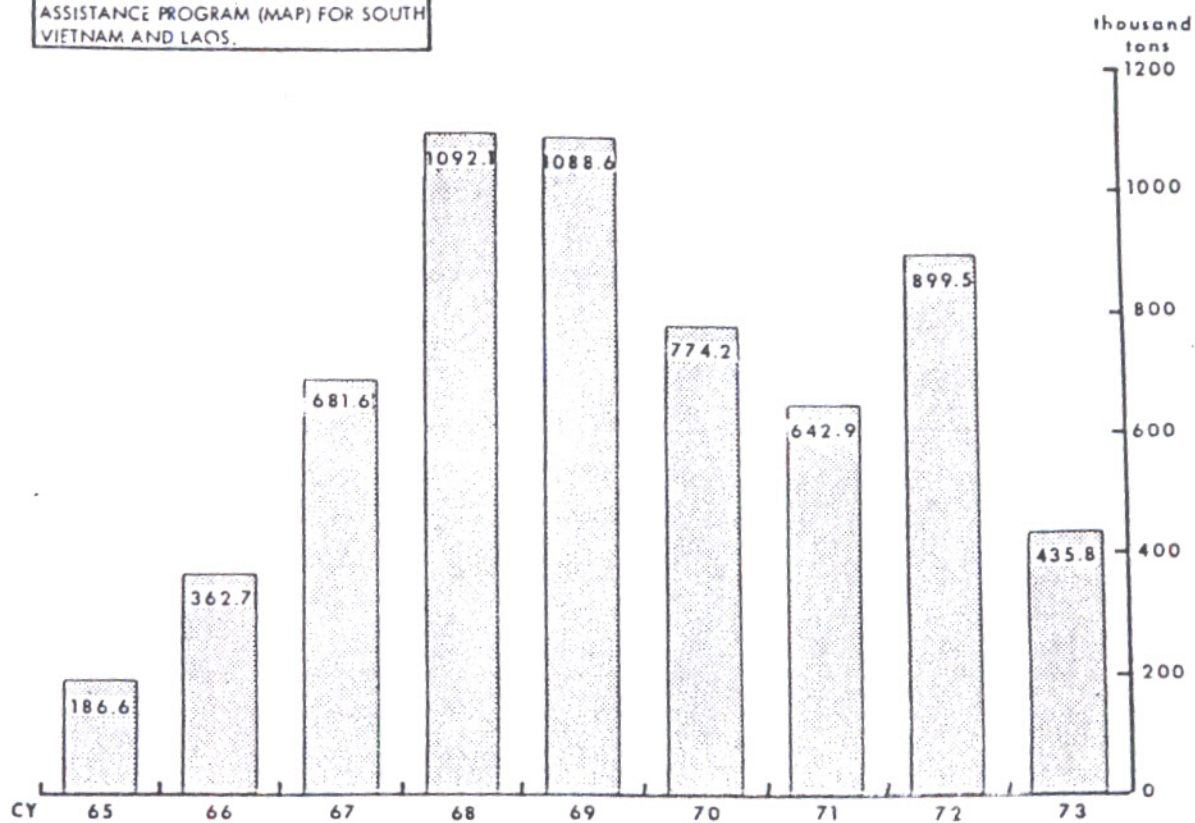
USAF MS (C6), 6 May 1974

## AIR MUNITIONS EXPENDED (TONS)

AIR FORCE

TOTAL  
6.2  
million

TONNAGE INCLUDES EXPENDITURES  
BY PACAF TACTICAL FORCES, THE  
SAC B-52 FLEET AND THE MILITARY  
ASSISTANCE PROGRAM (MAP) FOR SOUTH  
VIETNAM AND LAOS.



NOTE: Grand total does not include CY 62-64 data.

Source: PACOM

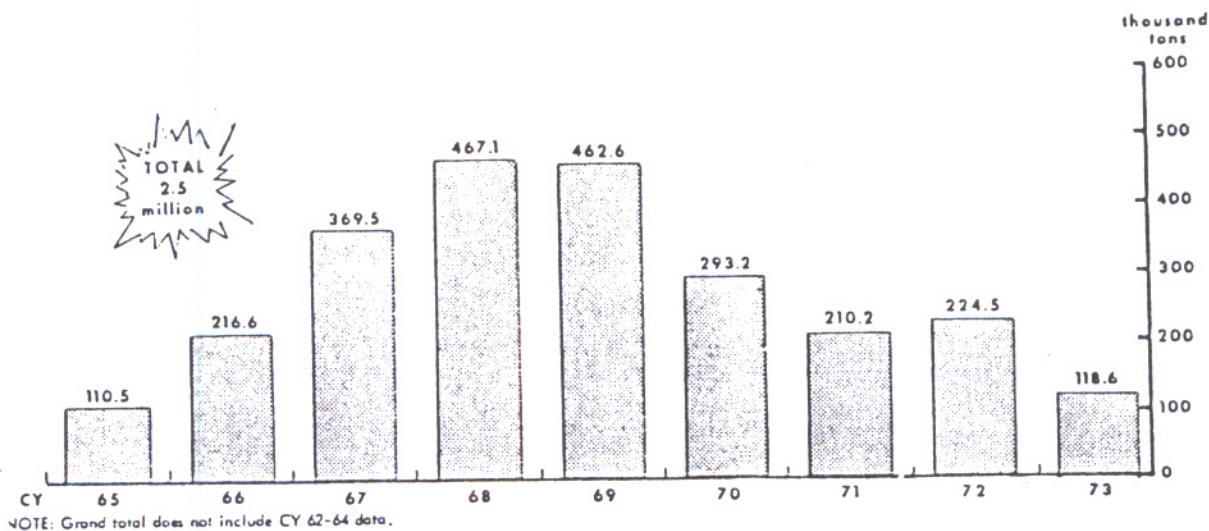
~~SECRET~~  
SEAR-29

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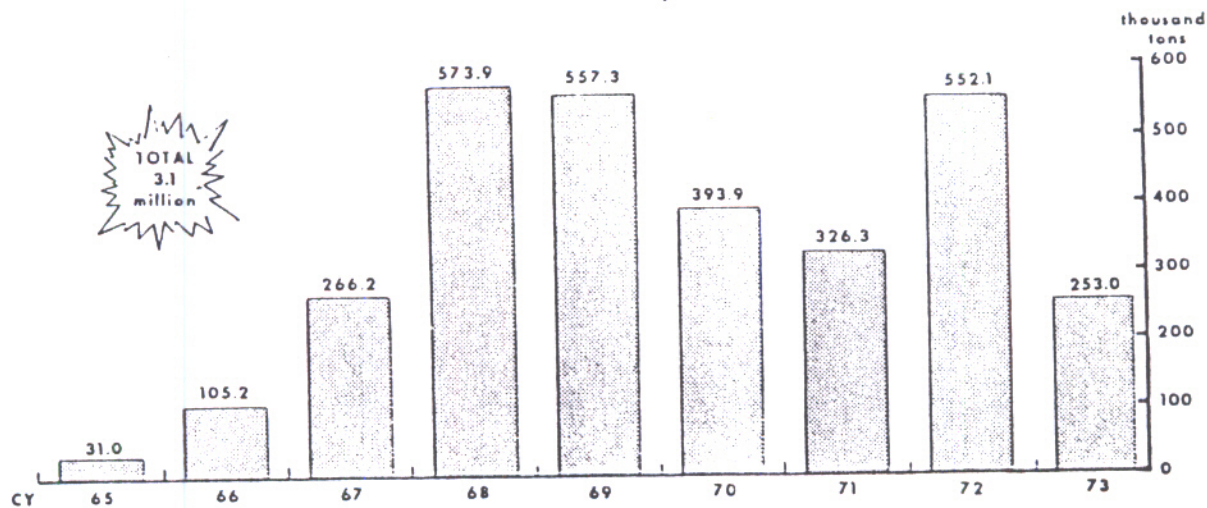
USAF MS (C6), 6 May 1974

## AIR MUNITIONS EXPENDED (TONS)

PACAF



SAC



Source: PACOM Air Munitions Status Report

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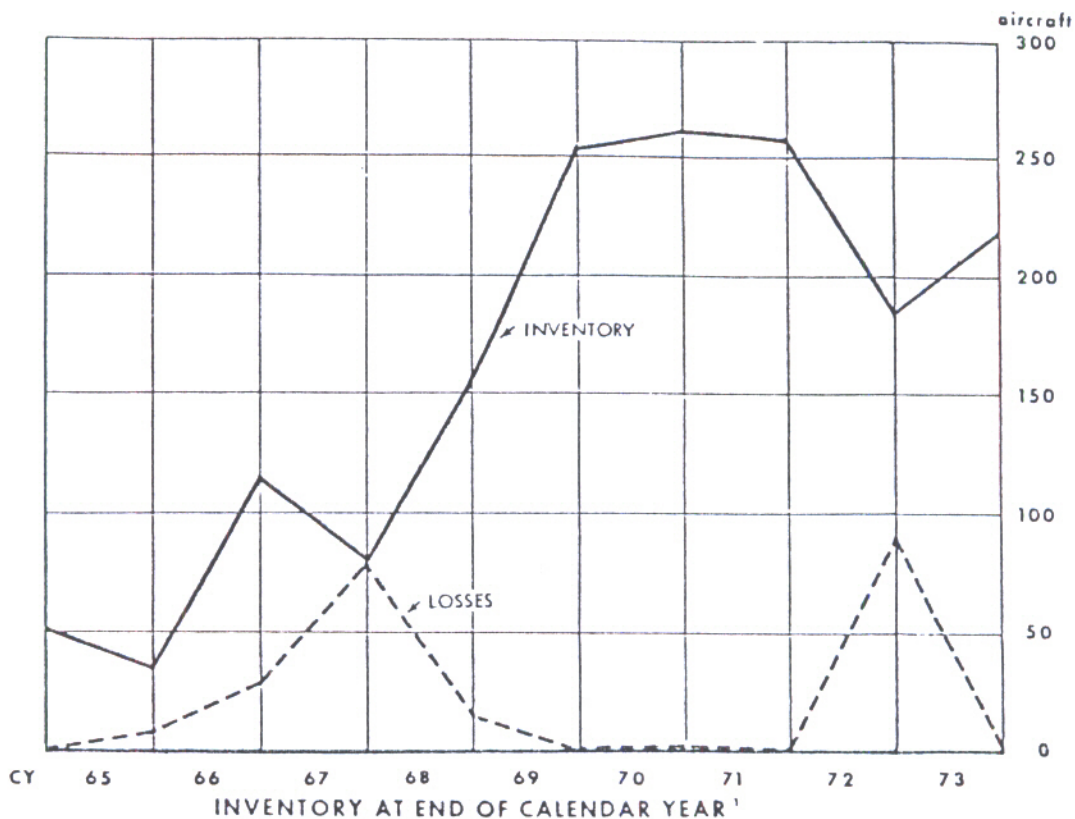
SEAR-30



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USAF MS (C6), 6 May 1974

# NORTH VIETNAM JET FIGHTER AIRCRAFT (END OF CALENDAR YEAR)



|           |    |     |    |     |     |     |     |     |     |
|-----------|----|-----|----|-----|-----|-----|-----|-----|-----|
| MIG-15/17 | 36 | 99  | 60 | 118 | 136 | 134 | 134 | 108 | 100 |
| MIG-19    | -  | -   | -  | -   | 32  | 32  | 32  | 38  | 36  |
| MIG-21    | -  | 15  | 20 | 36  | 86  | 91  | 88  | 36  | 73  |
| L-29      | -  | -   | -  | -   | -   | 4   | 4   | 4   | 8   |
| TOTAL     | 36 | 114 | 80 | 156 | 254 | 261 | 258 | 186 | 219 |

## LOSSES IN AERIAL COMBAT<sup>2</sup>

|   |    |    |    |   |   |   |    |   |
|---|----|----|----|---|---|---|----|---|
| 8 | 28 | 79 | 15 | - | 1 | - | 89 | 2 |
|---|----|----|----|---|---|---|----|---|

<sup>1</sup> Includes UMIG-15 and L-29 jet trainers.

<sup>2</sup> Includes confirmed and probable losses.

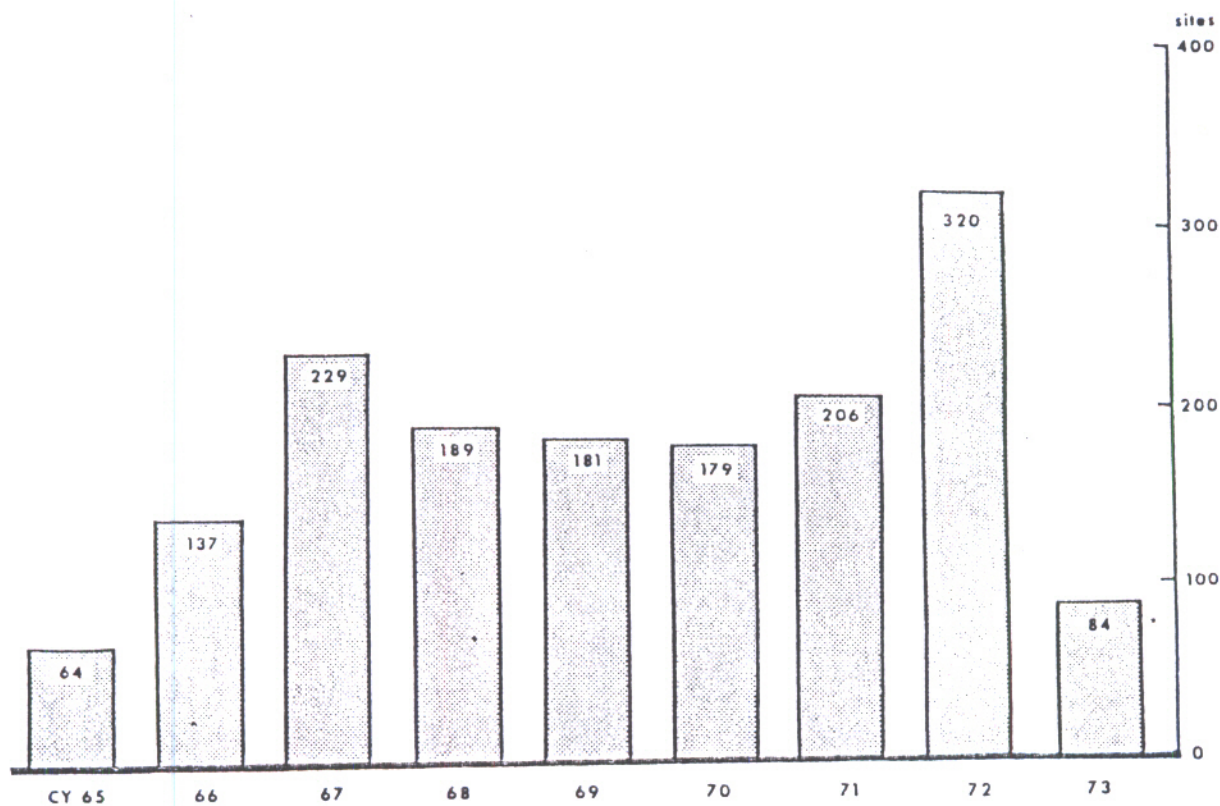
NO FOREIGN DISSEM

Source: DIA Intelligence Agency (DI-6A3)

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SEAR-31

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# NORTH VIETNAM SURFACE-TO-AIR MISSILE SITES (END OF CALENDAR YEAR)



\*A total of 599 sites have been prepared by North Vietnam but only 84 are presently considered useable.

NO FOREIGN DISSEM

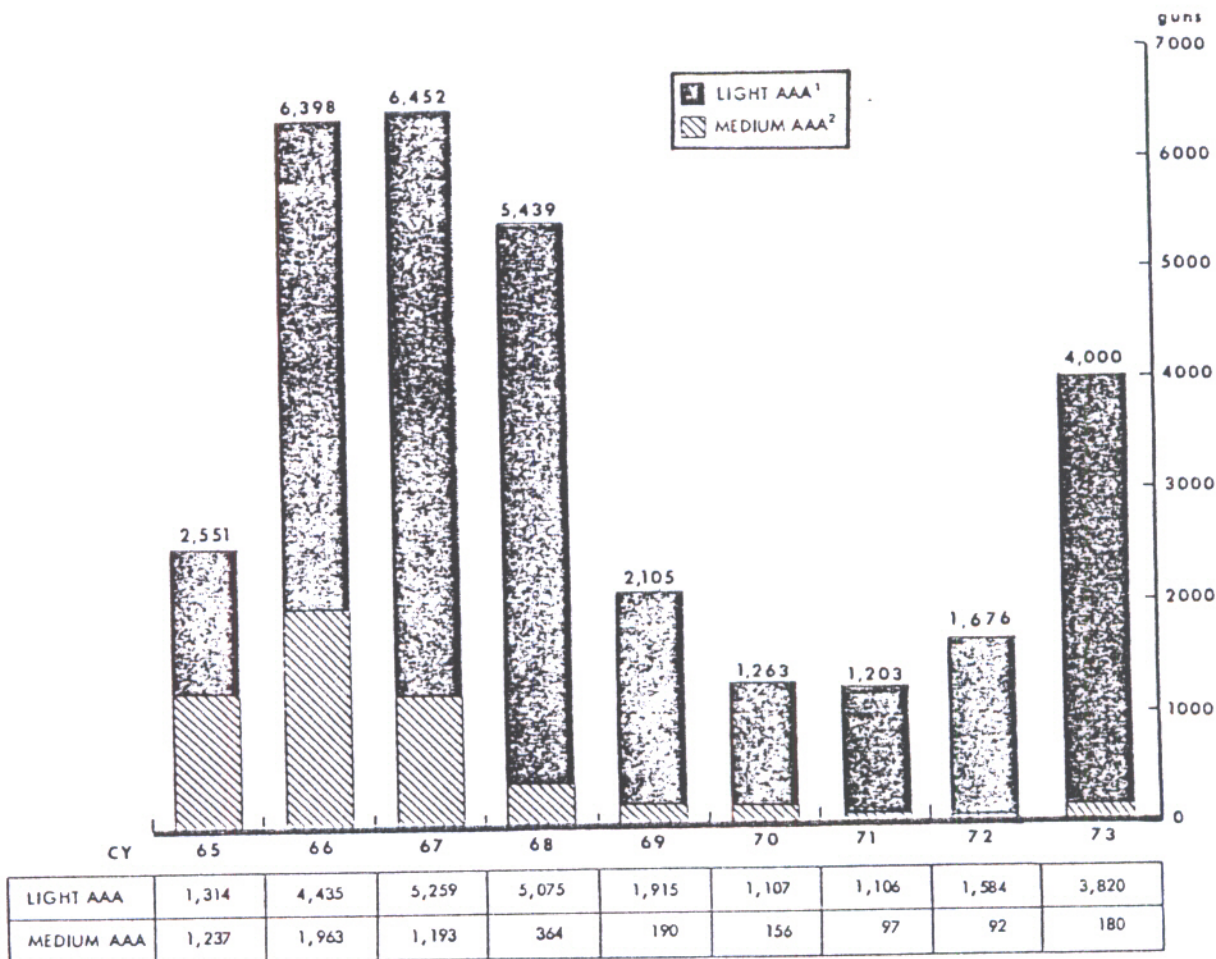
Source: Defense Intelligence Agency (DI-6A3)

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SEAR-32

# NORTH VIETNAM ANTI-AIRCRAFT ARTILLERY (END OF CALENDAR YEAR)

## TOTAL GUNS



<sup>1</sup> Twenty MM through 57 MM.

<sup>2</sup> Guns of caliber greater than 57 MM through 100 MM.

NOTE: Variations in end of calendar year totals reflect data refinement as well as reductions in order of battle.

NO FOREIGN DISSEM

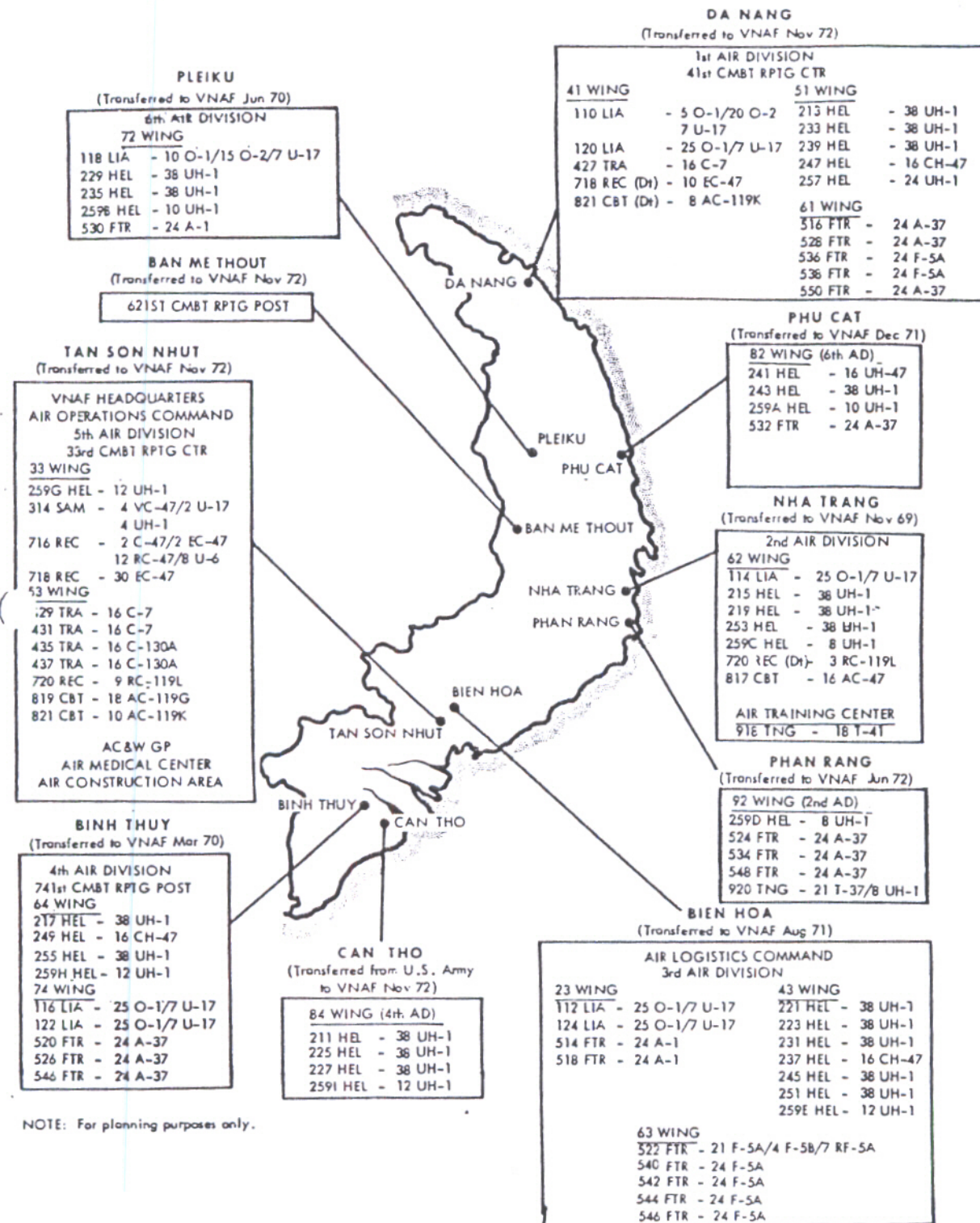
Source: Defense Intelligence Agency (DI-6A3)

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SEAR-33



# VNAF PRESENT AND PLANNED BEDDOWN LOCATIONS



NOTE: For planning purposes only.

Source: VNAF FORSTAT  
LGFD REPORTS

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USAF MS (C6), 6 May 1974

# VNAF AIRCRAFT POSSESSED (AS OF END OF CALENDAR YEAR)

| AIRCRAFT   | CY 64 | CY 65 | CY 66 | CY 67 | CY 68 | CY 69 | CY 70 | CY 71 | CY 72 | CY 73 |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A-1        | 91    | 134   | 124   | 88    | 66    | 51    | 49    | 53    | 75    | 79    |
| A-37       | -     | -     | -     | -     | 10    | 53    | 98    | 91    | 215   | 248   |
| AC-47      | -     | -     | -     | -     | -     | 15    | 15    | 13    | 11    | 11    |
| AC-119     | -     | -     | -     | -     | -     | -     | -     | 22    | 44    | 50    |
| C-7        | -     | -     | -     | -     | -     | -     | -     | -     | 47    | 56    |
| C-47       | 31    | 30    | 32    | 48    | 36    | 22    | 20    | 22    | 30    | 14    |
| C-119      | -     | -     | -     | -     | 17    | 18    | 16    | 13    | 16    | 16    |
| C-123      | -     | -     | -     | -     | -     | -     | -     | 47    | 27    | 19    |
| C-130      | -     | -     | -     | -     | -     | -     | -     | -     | 32    | 32    |
| CH-47      | -     | -     | -     | -     | -     | -     | 16    | 20    | 41    | 70    |
| EC/RC-47   | 4     | 3     | 4     | 4     | -     | 4     | 4     | 3     | 28    | 44    |
| F-5A/B     | -     | -     | -     | 20    | 20    | 16    | 19    | 16    | 135   | 143   |
| H/CH/UH-34 | 60    | 60    | 63    | 85    | 97    | 28    | 31    | 22    | -     | -     |
| O-1/U-17   | 63    | 123   | 127   | 120   | 98    | 118   | 141   | 299   | 307   | 324   |
| O-2        | -     | -     | -     | -     | -     | -     | -     | -     | 35    | 35    |
| RF-5       | -     | -     | -     | -     | -     | -     | 5     | 3     | 5     | 8     |
| RT-28      | 5     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| T-28       | 4     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| T-37       | -     | -     | -     | -     | -     | -     | -     | -     | 24    | 24    |
| T-41       | -     | -     | -     | -     | -     | -     | 20    | 21    | 22    | 24    |
| U-6        | 8     | 9     | 7     | 8     | 8     | 9     | 10    | 10    | 10    | 10    |
| UH-1       | -     | -     | -     | -     | 9     | 73    | 242   | 441   | 485   | 861   |
| UH-19      | 16    | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| VC-47      | -     | -     | -     | -     | -     | 4     | 6     | 5     | 7     | 7     |
| TOTAL      | 282   | 359   | 357   | 373   | 361   | 411   | 692   | 1,101 | 1,596 | 2,075 |

Source: MAP Detailed Supply Performance Report,  
RCS: 1 HAF-S129  
VNAF FORSTAT

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SEAR-35

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USAF MS (C6), 6 May 1974

# VNAF COMBAT SORTIES IN SOUTHEAST ASIA

January 1962 thru December 1973

| CALENDAR<br>YEAR | ATTACK     |           |              | CAP<br>EXCORT | RECCE | COMBAT SUPPORT |              | TOTAL |
|------------------|------------|-----------|--------------|---------------|-------|----------------|--------------|-------|
|                  | TAC<br>AIR | GUN SHIPS | ARC<br>LIGHT |               |       | ARMED<br>HELO  | ALL<br>OTHER |       |

## BY TYPE SORTIE AND CALENDAR YEAR

|       |         |       |   |        |         |         |           |           |
|-------|---------|-------|---|--------|---------|---------|-----------|-----------|
| 1962  | 3,312   | -     | - | 1,379  | -       | -       | 422       | 5,113     |
| 1963  | 7,125   | -     | - | 4,642  | 878     | -       | 11,124    | 23,769    |
| 1964  | 8,325   | -     | - | 6,734  | 4,855   | -       | 35,498    | 55,412    |
| 1965  | 22,215  | -     | - | 5,441  | 9,527   | -       | 50,549    | 87,732    |
| 1966  | 31,632  | -     | - | 1,187  | 10,945  | -       | 83,851    | 127,615   |
| 1967  | 29,706  | -     | - | 4,313  | 15,920  | 165     | 81,947    | 132,051   |
| 1968  | 22,644  | 173   | - | 2,273  | 19,527  | 301     | 110,399   | 155,317   |
| 1969  | 31,438  | 1,779 | - | 293    | 20,119  | 5,184   | 111,292   | 170,105   |
| 1970  | 35,833  | 2,207 | - | 631    | 25,842  | 5,582   | 222,464   | 292,559   |
| 1971  | 42,451  | 540   | - | 1,513  | 38,327  | 40,460  | 400,861   | 524,152   |
| 1972  | 51,688  | 1,937 | - | 662    | 62,766  | 79,783  | 608,075   | 804,911   |
| 1973  | 19,145  | 136   | - | 292    | 54,221  | 40,910  | 343,764   | 458,468   |
|       |         |       |   |        |         |         |           |           |
| TOTAL | 305,514 | 6,772 | - | 29,360 | 262,927 | 172,385 | 2,060,246 | 2,837,204 |

## BY TYPE SORTIE AND COUNTRY

|               |         |       |   |        |         |         |           |           |
|---------------|---------|-------|---|--------|---------|---------|-----------|-----------|
| North Vietnam | -       | -     | - | -      | -       | -       | -         | -         |
| South Vietnam | 279,578 | 5,881 | - | 29,344 | 254,015 | 172,385 | 2,053,662 | 2,794,865 |
| Laos          | 749     | -     | - | -      | 1       | -       | 1         | 751       |
| Cambodia      | 25,187  | 891   | - | 16     | 8,911   | -       | 6,577     | 41,582    |
| Thailand      | -       | -     | - | -      | -       | -       | 6         | 6         |
|               |         |       |   |        |         |         |           |           |
| TOTAL         | 305,514 | 6,772 | - | 29,360 | 262,927 | 172,385 | 2,060,246 | 2,837,204 |

Source: OPREP-5  
SEADAB~~SECRET~~  
SEAR - 35



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# VNAF COMBAT SORTIES IN SOUTHEAST ASIA

(CONTINUED)

| CALENDAR<br>YEAR | ATTACK     |               |              | CAP<br>ESCORT | RECCE | COMBAT SUPPORT |              | TOTAL |
|------------------|------------|---------------|--------------|---------------|-------|----------------|--------------|-------|
|                  | TAC<br>AIR | GUN-<br>SHIPS | ARC<br>LIGHT |               |       | ARMED<br>HELO  | ALL<br>OTHER |       |

## IN SOUTH VIETNAM

|       |         |       |   |        |         |         |           |           |
|-------|---------|-------|---|--------|---------|---------|-----------|-----------|
| 1962  | 3,312   | -     | - | 1,379  | -       | -       | 422       | 5,113     |
| 1963  | 7,125   | -     | - | 4,642  | 878     | -       | 11,124    | 23,767    |
| 1964  | 8,325   | -     | - | 6,734  | 4,855   | -       | 35,498    | 55,412    |
| 1965  | 22,215  | -     | - | 5,441  | 9,527   | -       | 50,549    | 87,732    |
| 1966  | 31,632  | -     | - | 1,187  | 10,945  | -       | 83,851    | 127,615   |
| 1967  | 29,706  | -     | - | 4,313  | 15,920  | 165     | 81,947    | 132,051   |
| 1968  | 22,644  | 173   | - | 2,273  | 19,527  | 301     | 110,399   | 155,317   |
| 1969  | 31,438  | 1,779 | - | 293    | 20,119  | 5,184   | 111,292   | 170,105   |
| 1970  | 26,388  | 1,861 | - | 631    | 25,842  | 5,582   | 222,464   | 282,768   |
| 1971  | 30,479  | 214   | - | 1,497  | 31,544  | 40,460  | 395,843   | 500,037   |
| 1972  | 47,357  | 1,724 | - | 662    | 60,637  | 79,783  | 606,510   | 796,673   |
| 1973  | 18,957  | 130   | - | 292    | 54,221  | 40,910  | 343,763   | 458,273   |
| TOTAL | 279,578 | 5,881 | - | 29,344 | 254,015 | 172,385 | 2,053,662 | 2,794,865 |

## IN LAOS

|       |     |   |   |   |   |   |   |     |
|-------|-----|---|---|---|---|---|---|-----|
| 1971  | 364 | - | - | - | - | - | - | 364 |
| 1972  | 383 | - | - | - | 1 | - | 1 | 385 |
| 1973  | 2   | - | - | - | - | - | - | 2   |
| TOTAL | 749 | - | - | - | 1 | - | 1 | 751 |

## IN CAMBODIA

|       |        |     |   |    |       |   |       |        |
|-------|--------|-----|---|----|-------|---|-------|--------|
| 1970  | 9,445  | 346 | - | -  | -     | - | -     | 9,791  |
| 1971  | 11,608 | 326 | - | 16 | 6,783 | - | 5,018 | 23,751 |
| 1972  | 3,948  | 213 | - | -  | 2,128 | - | 1,558 | 7,847  |
| 1973  | 186    | 6   | - | -  | -     | - | 1     | 193    |
| TOTAL | 25,187 | 891 | - | 16 | 8,911 | - | 6,577 | 41,582 |

## IN THAILAND

|       |   |   |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|---|---|
| 1972  | - | - | - | - | - | - | 6 | 6 |
| 1973  | - | - | - | - | - | - | - | - |
| TOTAL | - | - | - | - | - | - | 6 | 6 |

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SEAS-37

Source: OPREP-5  
SEADAB

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## VNAF AIRCRAFT LOSSES

1 JAN 64 - 28 FEB 74

| Type Aircraft | Total,<br>To Date | By Calendar Year |    |    |    |     |    |    |     |     |     |                 |
|---------------|-------------------|------------------|----|----|----|-----|----|----|-----|-----|-----|-----------------|
|               |                   | 64               | 65 | 66 | 67 | 68  | 69 | 70 | 71  | 72  | 73  | 74 <sup>1</sup> |
| A-1           | 230               | 23               | 38 | 29 | 32 | 24  | 9  | 15 | 10  | 35  | 13  | 2               |
| A-37          | 50                | -                | -  | -  | -  | -   | 1  | 8  | 1   | 15  | 22  | 3               |
| AC-47         | 11                | -                | -  | -  | -  | -   | 2  | -  | 3   | 2   | 3   | 1               |
| C-7           | 8                 | -                | -  | -  | -  | -   | -  | -  | -   | 5   | 2   | 1               |
| C/EC-47       | 20                | 3                | 2  | 2  | 2  | 4   | 1  | -  | 2   | 2   | 2   |                 |
| C/AC-119      | 8                 | -                | -  | -  | -  | 1   | -  | 2  | -   | 3   | 2   |                 |
| C-123         | 11                | -                | -  | -  | -  | -   | -  | -  | 3   | 8   | -   |                 |
| CH/HH-34      | 148               | 6                | 21 | 7  | 15 | 40  | 37 | 12 | 10  | -   | -   |                 |
| CH-47         | 14                | -                | -  | -  | -  | -   | -  | -  | 1   | 8   | 3   | 2               |
| F/RF-5        | 31                | -                | -  | -  | 1  | 2   | 2  | 2  | 3   | 2   | 16  | 3               |
| O-1           | 166               | 10               | 15 | 14 | 8  | 19  | 10 | 13 | 16  | 34  | 26  | 1               |
| O-2           | 3                 | -                | -  | -  | -  | -   | -  | -  | -   | -   | 2   | 1               |
| T-41          | 1                 | -                | -  | -  | -  | -   | -  | 1  | -   | -   | -   |                 |
| U-6           | 10                | 2                | 2  | 2  | 1  | 1   | -  | -  | 1   | -   | 1   |                 |
| U-17          | 42                | 2                | 1  | 3  | 9  | 11  | 6  | -  | 6   | 2   | 2   |                 |
| UH-1          | 378               | -                | -  | -  | -  | -   | 7  | 25 | 87  | 162 | 91  | 6               |
| TOTAL         | 1131              | 46               | 79 | 57 | 68 | 102 | 75 | 78 | 143 | 278 | 185 | 20              |

<sup>1</sup> Thru 28 Feb 74

Source: Military Assistance Program Report (RCS: AF-V12)

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SEAR#33

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# VNAF FORCE PROGRAM THROUGH FY 74

AS OF 28 FEB 74

| TYPE OF SQUADRON              |          | PRE CRIMP FORCES <sup>1</sup> |     | END FY 73 |      | END FY 74 |      |
|-------------------------------|----------|-------------------------------|-----|-----------|------|-----------|------|
| AIRCRAFT                      | UE       | SQDN                          | UE  | SQDN      | UE   | SQDN      | UE   |
| <b>FIGHTER</b>                |          |                               |     |           |      |           |      |
| A-1                           | 18       | 1                             | 18  | -         | -    | -         | -    |
| A-1                           | 24       | 1                             | 24  | 3         | 72   | 3         | 72   |
| A-37                          | 18       | 3                             | 54  | -         | -    | -         | -    |
| A-37                          | 24       | -                             | -   | 10        | 240  | 10        | 240  |
| F-5A                          | 18       | 1                             | 18  | -         | -    | -         | -    |
| F-5A/F-5B/RF-5A               | 21/4/7   | -                             | -   | 1         | 32   | 1         | 32   |
| F-5A                          | 24       | -                             | -   | 5         | 120  | 4         | 96   |
| F-5E                          | 24       | -                             | -   | -         | -    | 1         | 24   |
| <b>GUNSHIPS</b>               |          |                               |     |           |      |           |      |
| AC-47                         | 16       | 1                             | 16  | 1         | 16   | 1         | 16   |
| AC-119G                       | 18       | -                             | -   | 1         | 18   | 1         | 18   |
| AC-119K                       | 18       | -                             | -   | 1         | 18   | 1         | 18   |
| <b>HELICOPTERS</b>            |          |                               |     |           |      |           |      |
| H-34                          | 25       | 1                             | 25  | -         | -    | -         | -    |
| UH-1                          | 33       | 4                             | 132 | -         | -    | -         | -    |
| UH-1                          | 38       | -                             | -   | 19        | 722  | 19        | 722  |
| UH-1 SAR/MEDEVAC              | 24       | -                             | -   | 1         | 24   | 1         | 24   |
| UH-1 SAR/MEDEVAC <sup>2</sup> | 84       | -                             | -   | 1         | 84   | 1         | 84   |
| CH-47                         | 16       | -                             | -   | 4         | 64   | 4         | 64   |
| <b>LIAISON</b>                |          |                               |     |           |      |           |      |
| O-1                           | 10       | 1                             | 10  | -         | -    | -         | -    |
| O-1/U-17                      | 20/10    | 4                             | 120 | -         | -    | -         | -    |
| O-1/U-17                      | 25/7     | -                             | -   | 6         | 192  | 6         | 192  |
| O-1/O-2/U-17                  | 5/20/7   | -                             | -   | 1         | 32   | 1         | 32   |
| O-1/O-2/U-17                  | 10/15/7  | -                             | -   | 1         | 32   | 1         | 32   |
| <b>RECONNAISSANCE</b>         |          |                               |     |           |      |           |      |
| EC-47/RC-47/U-6               | 1/3/8    | 1                             | 12  | -         | -    | -         | -    |
| C-47/EC-47/RC-47/U-6          | 2/2/12/8 | -                             | -   | 1         | 24   | 1         | 24   |
| EC-47                         | 30       | -                             | -   | 1         | 30   | 1         | 30   |
| RC-119L                       | 12       | -                             | -   | -         | -    | 1         | 12   |
| <b>TRANSPORT</b>              |          |                               |     |           |      |           |      |
| C-47                          | 16       | 1                             | 16  | -         | -    | -         | -    |
| C-119G                        | 16       | 1                             | 16  | -         | -    | -         | -    |
| C-7                           | 16       | -                             | -   | 3         | 48   | 3         | 48   |
| C-130A                        | 16       | -                             | -   | 2         | 32   | 2         | 32   |
| <b>SPECIAL AIR MISSION</b>    |          |                               |     |           |      |           |      |
| U-17/UH-1/VF-47               | 2/4/4    | 1                             | 10  | 1         | 10   | 1         | 10   |
| <b>TRAINING</b>               |          |                               |     |           |      |           |      |
| T-41                          | 18       | 1                             | 18  | 1         | 18   | 1         | 18   |
| T-37/UH-1                     | 21/8     | -                             | -   | -         | -    | 1         | 29   |
| <b>TOTAL</b>                  |          | 22                            | 489 | 64        | 1828 | 66        | 1859 |

<sup>1</sup> FY 70 and prior. CRIMP = Consolidated RVNAF Improvement and Modernization Program.<sup>2</sup> One Sqdn/B flights

Source: AF/LGFD

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SEAF-39



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# UE AIRCRAFT DELIVERIES TO VNAF THROUGH FY 76

| AIRCRAFT            | AVG <sup>1</sup><br>UNIT<br>COST<br>(\$M) | FY 71<br>&<br>PRIOR | SCHEDULED DELIVERIES |             |              | CUM<br>TOTALS | DELIVERIES    |        |
|---------------------|-------------------------------------------|---------------------|----------------------|-------------|--------------|---------------|---------------|--------|
|                     |                                           |                     | FY 72                | FY 73       | FY 74-76     |               | THROUGH FY 74 |        |
|                     |                                           |                     |                      |             |              |               | SCHED         | ACTUAL |
| A-1                 | .297                                      | 60                  | 12                   |             |              | 72            | 72            | 72     |
| A-37                | .633                                      | 90                  | 30                   | 120         |              | 240           | 240           | 240    |
| AC-47               | .325                                      | 16                  |                      |             |              | 16            | 16            | 16     |
| AC-119G             | .808                                      |                     | 18                   |             |              | 18            | 18            | 18     |
| AC-119K             | 1.176                                     |                     |                      | 18          |              | 18            | 18            | 18     |
| C-7                 | .799                                      |                     | 48                   |             |              | 48            | 48            | 48     |
| C-47                | .095                                      | 16                  |                      | (14)        |              | 2             | 16            | 16     |
| C-119               | .508                                      | 16                  |                      | (16)        |              |               | 16            | 16     |
| C-123               | .718                                      | 16                  | 32                   | (48)        |              |               | 48            | 48     |
| C-130A              | 2.757                                     |                     |                      | 32          |              | 32            | 32            | 32     |
| CH-47               | .991                                      | 16                  | 16                   | 32          |              | 64            | 64            | 64     |
| EC-47               | .145                                      |                     |                      | 30          |              | 30            | 30            | 30     |
| EC-47A <sup>2</sup> | .110                                      | 1                   | 1                    |             |              | 2             | 2             | 2      |
| F-5A/B              | 1.125                                     | 18                  |                      | 127         | (126)        | 19            | 145           | 145    |
| F-5E                | 1.600                                     |                     |                      |             | 126          | 126           | 18            | 8      |
| H-34                | .425                                      | 25                  | (25)                 |             |              |               | 25            | 25     |
| O-1                 | .030                                      | 140                 | 15                   | 10          |              | 165           | 165           | 200    |
| O-2A                | .097                                      |                     |                      | 35          |              | 35            | 35            | 35     |
| RC-47               | .130                                      | 3                   |                      |             | 9            | 12            | 3             | 12     |
| RC-119 <sup>4</sup> | 1.251                                     |                     |                      |             | 12           | 12            |               | 12     |
| RF-5A               | 1.180                                     | 6                   |                      | 1           |              | 7             | 7             | 7      |
| T-37                | .184                                      |                     |                      |             | 21           | 21            |               | 21     |
| T-41                | .030                                      | 18                  |                      |             |              | 18            | 18            | 18     |
| U-6                 | .045                                      | 8                   |                      |             |              | 8             | 8             | 8      |
| U-17                | .043                                      | 42                  |                      | 16          |              | 58            | 56            | 58     |
| UH-1                | .319                                      | 376                 | 124                  | 334         | 8            | 842           | 834           | 842    |
| VC-47               | .105                                      | 4                   |                      |             |              | 4             | 4             | 4      |
| TOTAL               |                                           | 871                 | 296<br>(25)          | 755<br>(78) | 176<br>(126) | 1,869         | 1,940         | 2,015  |

<sup>1</sup> Data obtained from DoD Military Assistance Articles and Service List (MASL), 9 July 73, adjusted/supplemented by AF/LGFDB.

<sup>2</sup> Calibration of navigation aids.

<sup>3</sup> Parentheses ( ) indicate reductions.

<sup>4</sup> To be converted from C-119s.

Source: AF/LGFDB Delivery Report

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SEAR-40

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## ATTRITION/NOA AIRCRAFT DELIVERIES TO VNAF

FY 71 - 74

| AIRCRAFT | AVG<br>UNIT<br>COST <sup>1</sup><br>(\$M) | ESTIMATED DELIVERIES |       |       |                 |                   | DELIVERIES    |         |
|----------|-------------------------------------------|----------------------|-------|-------|-----------------|-------------------|---------------|---------|
|          |                                           | FY 71                | FY 72 | FY 73 | FY 74           | TOTAL<br>FY 71-74 | THROUGH FY 74 |         |
|          |                                           |                      |       |       |                 |                   | ESTIMATE      | ACTUAL* |
| A-1      | .297                                      | 9                    | 22    | 45    |                 | 76                | 76            | 76      |
| A-37     | .633                                      | 7                    | 7     | 18    |                 | 32                | 32            | 32      |
| AC-47    | .325                                      |                      |       | 3     |                 | 3                 | 3             | 3       |
| AC-119G  | .808                                      |                      | 6     |       |                 | 6                 | 6             | 6       |
| AC-119K  | 1.376                                     |                      |       | 4     |                 | 4                 | 4             | 4       |
| C-7      | .799                                      |                      | 4     | 10    |                 | 14                | 14            | 14      |
| C-47     | .095                                      | 2                    | 2     |       |                 | 4                 | 4             | 4       |
| C-119    | .508                                      | 2                    | 1     | 3     |                 | 6                 | 6             | 6       |
| C-123    | .718                                      |                      | 2     | 19    |                 | 21                | 21            | 21      |
| CH-47    | .991                                      |                      | 6     |       |                 | 6                 | 6             | 6       |
| EC-47    | .145                                      |                      |       | 3     |                 | 3                 | 3             | 3       |
| F-5A     | 1.125                                     |                      | 2     |       |                 | 2                 | 2             | 2       |
| F-5E     | 1.600                                     |                      |       |       | 20 <sup>2</sup> | 20                | 20            | 20      |
| H-34     | .425                                      | 10                   |       |       |                 | 10                | 10            | 10      |
| O-1      | .030                                      | 18                   | 19    | 67    |                 | 104               | 104           | 104     |
| RC-47    | .130                                      |                      |       | 2     |                 | 2                 | 2             | 2       |
| RF-5     | 1.180                                     |                      | 1     | 3     |                 | 4                 | 4             | 4       |
| T-37     | .184                                      |                      |       | 3     |                 | 3                 | 3             | 3       |
| T-41     | .030                                      | 1                    | 1     | 3     |                 | 5                 | 5             | 5       |
| U-6      | .045                                      | 1                    | 1     |       |                 | 2                 | 2             | 2       |
| U-17     | .043                                      | 5                    | 11    | 11    |                 | 27                | 27            | 27      |
| UH-1     | .319                                      | 64                   | 65    | 205   |                 | 334               | 334           | 334     |
| TOTAL    |                                           | 119                  | 150   | 399   | 20              | 688               | 688           | 688     |

NOTE: Attrition deliveries are estimates of the number of aircraft needed to maintain UE strength and should not be considered firm delivery commitments.

<sup>1</sup> Cost data obtained from DoD Military Assistance Articles and Service List (MASL), 9 July 73, adjusted/supplemented by AF/LGFDB.

<sup>2</sup> Advanced attrition aircraft being utilized at Williams AFB to train MAP/MASF pilots.

Source: AF/LGFD Delivery  
Reports

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SEAR-41

# RLAF TACTICAL UNIT STATUS (LAOS)

AS OF 31 DEC 73

## LUANG PRABANG

| COMPOSITE SQDN 101 |                |              |
|--------------------|----------------|--------------|
| M/D/S              | Acft Possessed | Crews Formed |
| AC-47              | 2              | 4            |
| C-47               | 1              | 2            |
| T-28               | 8              | 25           |
| UH-34              | 5              | 10           |
| O-1                | 2              | 2            |
| U-17               | 1              | 1            |
| TOTAL              | 19             | 44           |

## TOTAL FORCE

| M/D/S   | Proposed * UE | Current UE | Acft Possessed  | Crews Formed |
|---------|---------------|------------|-----------------|--------------|
| AC-47   | 10            | 8          | 10              | 22           |
| C-47    | 12            | 19         | 24 <sup>2</sup> | 24           |
| H/UH-34 | 28            | 43         | 44 <sup>3</sup> | 59           |
| O-1     | 22            | 23         | 22 <sup>5</sup> | 14           |
| RT/T-28 | 40            | 86         | 67 <sup>6</sup> | 139          |
| T-41    | 6             | 6          | 7 <sup>7</sup>  | 10           |
| U-4     | -             | -          | 1 <sup>4</sup>  | 0            |
| U-6     | -             | -          | 1               | 0            |
| U-17    | 5             | 7          | 5               | 6            |
| C-123   | 10            | 10         | 10              | 31           |
| TOTAL   | 133           | 202        | 191             | 305          |



## VIENTIANE

| COMPOSITE SQDN 102 |                |              |
|--------------------|----------------|--------------|
| M/D/S              | Acft Possessed | Crews Formed |
| AC-47              | 1              | 0            |
| AC-47              | 2              | 6            |
| C-47               | 8              | 18           |
| T-28               | 18             | 58           |
| U-6                | 1              | 0            |
| UH-34              | 10             | 23           |
| O-1                | 6              | 7            |
| U-17               | 2              | 3            |
| C-123              | 10             | 31           |
| TOTAL              | 58             | 146          |

## THAILAND

| TRAINING SQDN |    |    |
|---------------|----|----|
| AC-47         | 3  | UK |
| T-28          | 10 | UK |
| T-41          | 6  | 10 |
| O-1           | 2  | 2  |
| UH-34         | 3  | UK |
| TOTAL         | 24 | ?  |

## SAVANNAKHET

| COMPOSITE SQDN 103 |                |              |
|--------------------|----------------|--------------|
| M/D/S              | Acft Possessed | Crews Formed |
| AC-47              | 1              | 8            |
| C-47               | 1              | 2            |
| UH-34              | 5              | 16           |
| T-28               | 9              | 28           |
| U-17               | 1              | 1            |
| TOTAL              | 17             | 55           |

## PAKSE

| COMPOSITE SQDN 104 |                |              |
|--------------------|----------------|--------------|
| M/D/S              | Acft Possessed | Crews Formed |
| AC-47              | 2              | 4            |
| C-47               | 1              | 2            |
| T-28               | 9              | 28           |
| UH-34              | 5              | 10           |
| O-1                | 3              | 3            |
| U-17               | 1              | 1            |
| TOTAL              | 21             | 48           |

\* Includes mission/support/training aircraft operating from various locations in Laos.

<sup>2</sup> Includes 3 provided by Australia and 13 are in flyable storage.

<sup>3</sup> Includes 14 in non-flyable storage as advanced attrits.

<sup>4</sup> King's aircraft.

<sup>5</sup> Includes 9 in non-flyable storage as advanced attrits.

<sup>6</sup> 8 in storage with cracked wings and 6 in maintenance.

<sup>7</sup> Includes 1 in flyable storage as advanced attrition.

\* Proposed UE 1 Jul 74.

NOTE: For planning purposes only.

Sources: PA 75-1

MAP Report, RCS: AF-V-12 (Adjusted)



## RLAF COMBAT SORTIES IN SOUTHEAST ASIA

January 1962 thru December 1973

| CALENDAR<br>YEAR | ATTACK     |          |              | CAP<br>ESCORT | RECCE | COMBAT SUPPORT |              | TOTAL |
|------------------|------------|----------|--------------|---------------|-------|----------------|--------------|-------|
|                  | TAC<br>AIR | GUNSHIPS | ARC<br>LIGHT |               |       | ARMED<br>HELO  | ALL<br>OTHER |       |

### BY TYPE SORTIE AND CALENDAR YEAR

|       |        |       |   |   |     |   |        |        |
|-------|--------|-------|---|---|-----|---|--------|--------|
| 1972  | 16,913 | 1,560 | - | - | -   | - | -      | 18,473 |
| 1973  | 8,029  | 600   | - | - | 386 | - | 12,837 | 21,852 |
|       |        |       |   |   |     |   |        |        |
| TOTAL | 24,942 | 2,160 | - | - | 386 | - | 12,837 | 40,325 |

### BY TYPE SORTIE AND COUNTRY

|               |        |       |   |   |     |   |        |        |
|---------------|--------|-------|---|---|-----|---|--------|--------|
| North Vietnam |        |       |   |   |     |   |        |        |
| South Vietnam |        |       |   |   |     |   |        |        |
| Laos          | 24,942 | 2,160 | - | - | 386 | - | 12,837 | 40,325 |
| Cambodia      |        |       |   |   |     |   |        |        |
| Thailand      |        |       |   |   |     |   |        |        |
|               |        |       |   |   |     |   |        |        |
| TOTAL         | 24,942 | 2,160 | - | - | 386 | - | 12,837 | 40,325 |

<sup>1</sup> Royal Lantian Air Force combat sorties have been reported only since June 1972.

Source: SEADAB

# KAF COMBAT SORTIES<sup>1</sup> IN SOUTHEAST ASIA

January 1962 thru December 1973

| CALENDAR<br>YEAR | ATTACK     |          |              | CAP<br>ESCORT | RECCE | COMBAT        | SUPPORT      | TOTAL |
|------------------|------------|----------|--------------|---------------|-------|---------------|--------------|-------|
|                  | TAC<br>AIR | GUNSHIPS | ARC<br>LIGHT |               |       | ARMED<br>HELO | ALL<br>OTHER |       |

## BY TYPE SORTIE AND CALENDAR YEAR

|       |       |     |   |     |     |   |        |        |
|-------|-------|-----|---|-----|-----|---|--------|--------|
| 1971  | 446   | 60  | - | -   | -   | - | 1,080  | 1,586  |
| 1972  | 2,683 | 538 | - | 5   | 292 | - | 7,408  | 10,926 |
| 1973  | 177   | 56  | - | 540 | 55  | 9 | 32,040 | 32,877 |
|       |       |     |   |     |     |   |        |        |
| TOTAL | 3,306 | 654 | - | 545 | 347 | 9 | 40,528 | 45,389 |

## BY TYPE SORTIE AND COUNTRY

|               |       |     |   |     |     |   |        |        |
|---------------|-------|-----|---|-----|-----|---|--------|--------|
| North Vietnam | -     | -   | - | -   | -   | - | -      | -      |
| South Vietnam | -     | -   | - | -   | -   | - | -      | -      |
| Laos          | -     | -   | - | -   | -   | - | -      | -      |
| Camodia       | 3,306 | 654 | - | 545 | 347 | 9 | 40,509 | 45,370 |
| Thailand      | -     | -   | - | -   | -   | - | 19     | 19     |
|               |       |     |   |     |     |   |        |        |
| TOTAL         | 3,306 | 654 | - | 545 | 347 | 9 | 40,528 | 45,389 |

<sup>1</sup> Khmer Air Force combat sorties have been reported only since December 1971

Source: SEADAB