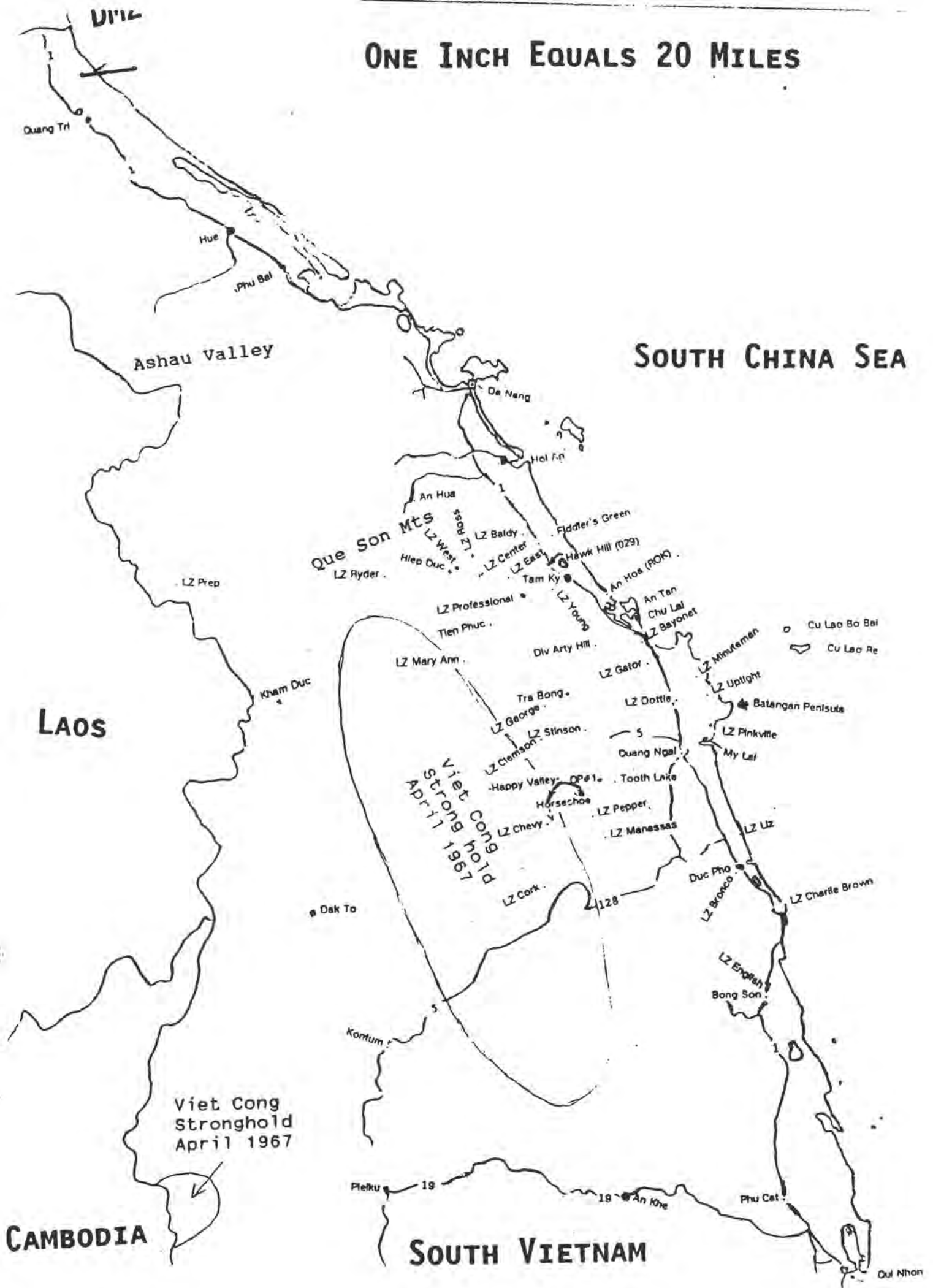
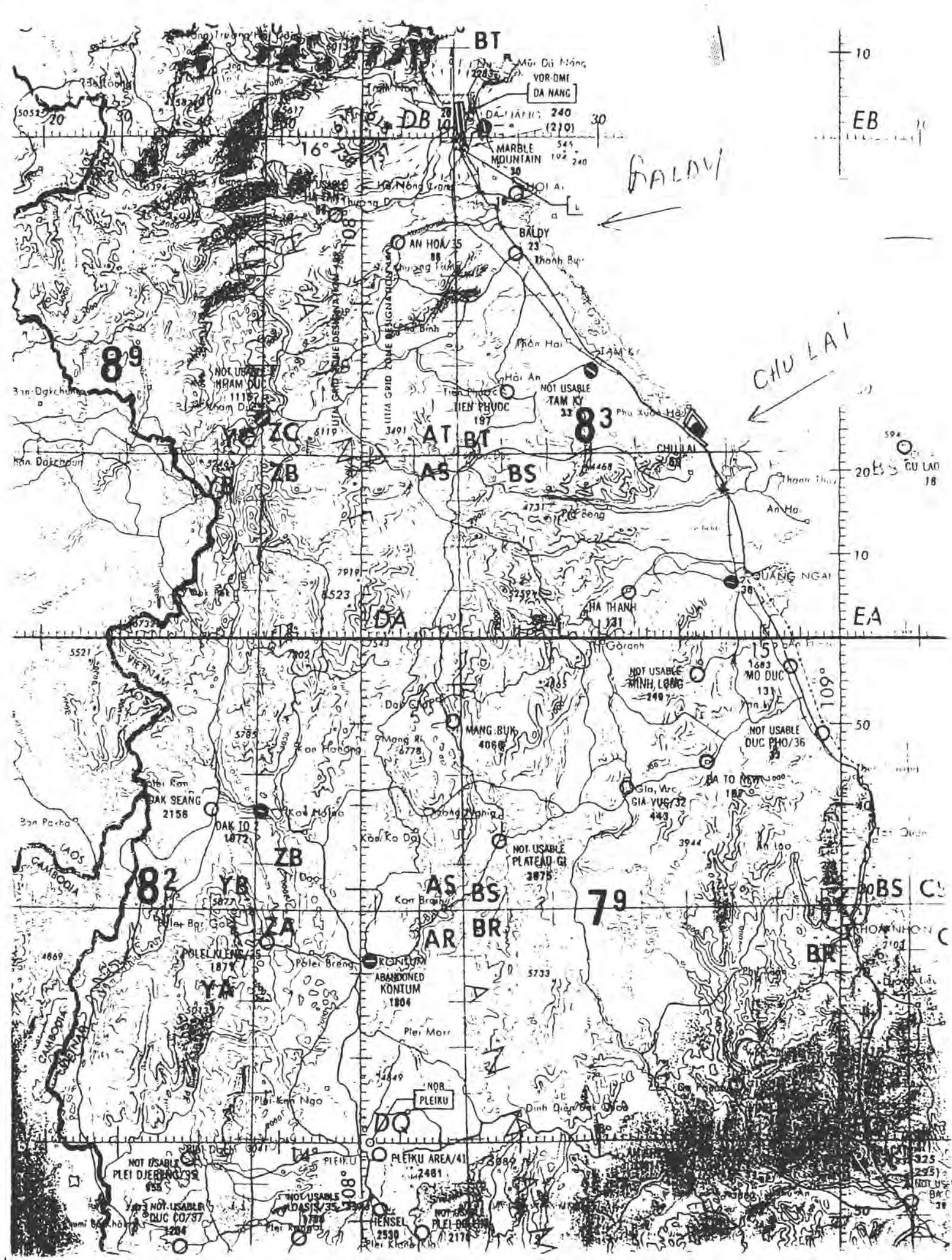


ONE INCH EQUALS 20 MILES





**23d Infantry Division
(Americal)
Area of Operations**



From Americal Division Artillery ORLL from May 69.

FSB Buck AT806320, LZ Center BT 050250, LZ Gimlet (BT858230, LZ West 990250, LZ Cacti BT060473, Polar Bear II AT939211, Baldy BT130449, LZ Ross BT028341, LZ O'Connor AT935243, Fat City BT 440077, LZ Lurch AT 926238, LZ Professional BT173076, LZ Bowman BT238140, LZ Pleasantville, Hawk Hill (BT224311, LZ Chippewa BS485 967, LZ Sheryl BT302192, Hau Duc BT048043, LZ Buff BS539824, LZ Jane BS 660758, LZ Cork BS450612. LZ Gator BS571963, Hill 54 BT396143, Uptight BS726857, Chevy BS428714, Bronco BS450612, Quang Ngai Air Field BS605719, Minh Long (BS 458466, Bato BS555325, Dragon BS730529, Ha Thanh BS 428718, LZ Bulldog BS730528, Div Arty Hill BT51580399, Hill 10 BS 583722, LZ Pepper BS496716, LZ Dancer BS682402, LZ East BT 13102025

Courtesy of Frank Jodaitis.

From "Operational Report- Lessons Learned, Headquarters, 3rd Brigade 4th Infantry Division, Period Ending 30 April 1968.

U.S. Army Landing Zones & Fire Bases

LZ Hardcore (west of Hoi An)	AT 977 501
LZ Baldy aka Hill 63	BT 132 453
LZ Cacti	BT 059 479
LZ English	BS 875 010
LZ Mile High	YA 937 931
LZ Bass	ZA 027 934
LZ Ross	AT 025 043
LZ Ross (2) (in Que Son)	BT 029 341
LZ Ryder	BT 947 345
LZ Thunder	BS 874 325
FSB 7	ZA 025 933
LZ No Slack	ZB 997 067
FSB West	AT 990 025
LZ Mary Lou	BT 132 203
LZ Uptight	BS 731 840
LZ Colt	BT 113 327
LZ Liz	BS 751 436
LZ Sue	BS 567 877
LZ OD (Olive Drab)	BS 786 368
LZ Mary Ann	AS 961 998
LZ Siberia	AT 901 232
FSB Debbie	BS 872 324
FSB San Juan Hill	BS 634 380
Hill 76	BT 452 039

The best civilian style map of Vietnam came from a February 1967 issue of National Geographics. Perhaps the best high level map available is the easiest and quickest to obtain from "Sporty's", a catalogue supplier to aviators. Almost all of South Vietnam is on the ONC-K10 map. If you are interested in areas North of Da Nang, then you may want ONC-J11 as well. The maps are scaled 1:1,000,000 and are 42" x 57" and in color. Grid coordinates are marked on the map. The advertised cost of each map is \$4.50 (they only charged 3.25 each when I ordered two) plus about \$4.75 shipping and handling. Phone 1-800-543-8633 to place an order.

I found it interesting that Minh Long, Duc Pho, and Tam Ky airports were marked as not useable. The runways at Chu Lai appear to be operational. LZ Baldy, Marble Mountain, and Chu Lai are marked on the map even though these were not Vietnamese names. Saigon is marked as Hoi Chi Minh City. These warnings appear on the map:

WARNING VIETNAM AND LAOS ARE DESIGNATED SPECIAL AREAS. STATE DEPARTMENT CLEARANCE REQUIRED FOR OVERFLIGHT. SEE FOREIGN CLEARANCE GUIDE.

WARNING. Aircraft infringing upon Non-Free flying territory may be fired upon without warning.

WARNING. Unlisted radio emissions from this area may constitute a navigation hazard or result in overflight unless unusual precaution is exercised.

Highway 535 was also known as Tien Phuoc Highway.
Highway 534 was also known as the old French Road.

- Hoi An was Quang Nam province headquarters.
- Tam Ky was Quang Tin province headquarters.
- Quang Ngai was Quang Ngai province headquarters
- Bong Son and Qui Nhon shared province headquarters for Binh Dinh province.

I received this information from Joe Kralich.
One may order xerox copies of the AO grid maps for \$4.80 per map, with a minimum order of \$9.60. The maps are 1:50,000 scale. You would need to know the map number. Joe has identified the following map numbers:

Dia-Loc	6640-IV
Hoi An	6640-I
Hiep Duc	6640-III
Tam Ky	6640-II
Hau-Duc	6639-IV
Tien-Phuoc	6639-I
Tra-Bong	6739-IV
Binh-Son	6739-I
Lac-Trom-Dong	6639-III
Gil-Ang	6639-II
Son-Ha	6739-III
Quang-Ngai	6739-II

The address to order from is:

National Archives Trust Fund
P.O. Box 100794
Atlanta, GA 30384

Allow four weeks for delivery.

Maps used for reference in the ORLL reports:

Map references: Vietnam 1:50,000, Series L7014, Sheets: 6538 I; 6539 II, III, IV; 6638 I, IV; 6639 I, II, III, IV; 6640 I, II, III, IV; 6738 II, III, IV; 6739 I, II, III, IV; 6838 III, IV.

Map referenced in book, "Friendly Fire" was AMS Vietnam scale 1:50,000 scale. Tra Bong Sheet 6739 IV Series L7014

- LZ Two Bits
- LZ Uptight five miles east of LZ Dottie and four miles North of My Lai (IV). Aproximately BS720780? (Div Arty ORLL BS726857)
- Wedding cake hill. Northeast of Million dollar hill near the Song Lau river.
- LZ West was 196th Brigade headquarters. Nineteen miles west of Tam Ky. (The mountain is known as the mountain of leeches to the Vietnamese). LZ Karen was just the next hill west of LZ West. To the south was the Song Chang River. In the valley to the north was the Song Lau River and the Old French Road. To the east was the Nui Lon Mountain. AT990251/990250
- LZ Young - Four or Five miles west of Tam Ky. Really bad place to go, until the area was pacified. Was area near NVA Divisional headquarters at one time. BT182146 ??BT188168??
- NVA division headquarters found 22 miles west of Duc Pho.

LZ O'Connor near Antenna Valley. AT935243 Named after 1st Cav pilot who later became POW near DMZ in February 1968.
 -- OP#1 BS515780. (BS516778 ORL) Mortar attacks on helicopters.
 LZ Pepper BS491729? (Div Arty BS496716)
 -- Phu Bai North of Da Nang
 LZ Pineapple BS371966
 -- Pineapple Forest is west of Tam Ky or across the bay from Ky Ha?
 LZ Pinkville near My Lai on Batangan Peninsula. My Lai also known as Pinkville massacre, or Song My massacre.
 LZ Pleasantville BT051049
 LZ Polar Bear II AT939211
 LZ Prep way the heck out west. CIA helicopters and Laotian mercenaries hung out here. AT007148
 LZ Professional twenty miles northwest of Chu Lai. BT176070 (Div Arty ORLL BT173076)
 -- Quang Ngai City was south of Chu Lai on highway 1. Area was the third most populated area in Vietnam. BS647723
 -- Quang Ngai Air Field BS605719
 -- Rice Bowl - area east of Hiep Duc
 LZ Rock Crusher BT108428
 -- Rock Pile - area west of Quang Ngai
 -- Rocket Pocket included area five miles southwest of Chu Lai.
 LZ Ross was refueling point between LZ Baldy and Hiep Duc area. BT027342 (BT028341 Div Arty ORLL)
 LZ Ryder West of LZ Ross. Highest Peak around (closed down then rebuilt) Thirty miles west of Tam Ky. BS948346?
 LZ San Juan Hill west of Duc Pho. Mortar attacks on helicopters. BS634380
 LZ Sheryl BT302192
 LZ Siberia. West of Tam Ky? 35 miles northwest of Chu Lai. Overlooked the resettlement village for Hiep Duc. AT901232
 LZ Snoopy. BS705612?
 -- Song Ve twelve miles south of Quang Ngai
 -- Song Chang Valley better known as AK valley. Near Hiep Duc Valley.
 -- Song Re Valley 25 miles southwest of Quang Ngai.
 LZ South. 11th Infantry Brigade
 Son Tra BT622015
 LZ Sooner. BS868359?
 LZ Stinson. Was LZ Buff renamed for LTC Stinson killed on A Co. Helicopter. West of Quang Ngai City along Song Tra Khuc river. BS538824
 -- Tam Ky North of Chu Lai and South of Hawk Hill
 Tam Ky Airfield BT305199 (BT309186 pilot pocket guide)
 LZ Thunder. South of Chu Lai. BS872325?
 -- Tien Phuoc fifteen miles Southwest of Tam Ky. BT116138
 -- Tooth Lake BS528752?
 -- Tra Bong 25 miles northwest of Quang Ngai City BS341880? (Pilot's guide BS338878)

LZ Manassas BS551663?
 LZ Mary Ann. Scary, it wasn't cleared for field of fire. Open perimeter, permanent bunkers and wire were not set up yet. South of Hiep Duc area. On a remote mountain in the 19th AO. AS961998 (38 miles west of Chu Lai.
 -- Marble Mountain. Mountain a little south of DaNang along the coast. BT065738
 LZ Maude. Northwest of LZ professional. Opened up with a 10,000 lb daisy cutter around August 1970?
 LZ Max BS759469?
 LZ Mellon. In Que Son Valley. AT804184 or 805184 blocked infiltration route from Kham Duc.
 LZ Mildred at Hau Duc.
 -- Million Dollar Hill (Hill 102). Around Hiep Duc. Just North of LZ Karen across the old French Road. South of Song Lau River and Nui Chom Mountain. Named after losing over a million dollars in helicopters during a battle.
 -- Minh Long Special forces. BS536511? (Div Arty ORLL BS458466)
 LZ Minuteman (First LZ built on Batangan peninsula. Fifteen miles south of Chu Lai.) BS786857?
 -- Mo Duc district capital south near coast. Not far from Duc Pho. (BS733543) (Pilot's guide BS725535)
 -- Monkey Mountain on the Peninsula that juts out from Da Nang.
 -- My Lai. Four small hamlets associated with the village of Song My. My Lai (IV) was site of massacre near LZ Pinkville. South of LZ Uptight about 4-5 five miles,
 Nghia Hanh BS614641 (battle nearby was vic BS6061)
 LZ North - bad times real close to an old 2nd NVA division headquarters.
 -- Nui Yon OP guarded western approach to Tam Ky. Overrun.
 -- Nui Loc Son 13 kilometers west of battle at BT1528

— Hill 10 BT200390 Between Hawk Hill and Baldy.
 (Div Arty ORLL Hill 10 BS583722)
 — Hill 14 BT286190
 — Hill 29 (AKA Hawk Hill)
 — Hill 35 AKA Charger Hill, AKA Fat City
 — Hill 38 BT282225
 — Hill 43 BS6791? Operation Starlite 3d Marines August
 18-19, 1965.
 — Hill 54 North of Chu Lai, provided arty support for Chu
 Lai North BT396145? (Div Arty ORLL BT396143)
 — Hill 59 BT165233 Northwest of LZ East.
 — Hill 69 BT462072
 — Hill 76 BT451038 (Mentioned in book, "Friendly Fire").
 — Hill 102 AKA Million Dollar Hill.
 — Hill 165 Near LZ Professional
 — Hill 173 Near BT1624
 — Hill 251 near BT1528
 — Hill 270 BT420048
 — Hill 285 BS829285
 — Hill 314 near BT1528
 — Hill 410 BT389034 (Mentioned in book, "Friendly Fire").
 Used intermittently as a Fire base.
 FSB 497 BT189047
 — Hoi An BT146517? (BT142576 Pilot's guide)
 — Horseshoe area. On Song Tra Khuc River twenty miles
 south of Chu Lai.
 — Huong My BT242403
 — LZ Hustler?
 -- Iron Mountain ? West of Duc Pho?
 LZ Jane BS 660758
 LZ Jeff south, near San Juan Hill
 LZ Judy seven miles west of LZ Mary Ann.
 OP Juliet (Around Hiep Duc?)
 LZ Karen Between LZ West and LZ Siberia (Hiep Duc area).
 AT955238 (38 mi NW of Tam Ky)
 -- Kham Duc West of Chu Lai by border ZC003081
 -- Ky Ha BT529116?
 -- Ky My RF outpost BT247254
 -- Ky Sanh Valley. Northwest of LZ Bayonet
 LZ Leslie in Que Son valley?
 LZ Liz lowland five miles Northwest of Duc Pho was bad place
 at times. BS757432 BS743435?
 LZ Lowboy ?
 LZ Lurch AT926238

LZ Cindy by Tra Bong. Big Battle Aug 69. Had 155mm and 175mm battery
 LZ Chippewa BS485967
 LZ Clemson BS480828?
 LZ Colt - 196th AO.
 LZ Cork - High up in the mountains lots of down drafts. West of Duc Pho. Bad to fly into during monsoon. BS448612? (Div Arty ORLL BS450612)
 -- Craterville Area BT1528
 LZ Crunch. ?
 -- Cu La Re. Beautiful island off the coast of Chu Lai.
 LZ Dancer BS682402
 LZ Debbie south around San Juan Hill?
 LZ Div Arty Hill BT51580399
 LZ Don south around San Juan Hill?
 LZ Dottie twelve miles south of Chu Lai BS630855
 — Duc Pho south of Quang Ngai on Highway one. LZ Bronco home of 11th infantry brigade and sharks was here. Pilot's guide BS809384.
 — Dragon Valley. West of LZ Ross also known as Antenna Valley.
 LZ Dragon. South of Mo Duc BS730529 (ARVN)
 LZ East (Hill 488) was eleven miles west of Tam Ky BT132203 (DivArty ORLL BT13102025)
 LZ English (173rd Airborne) South along the coast near Bong Son BS879005.
 LZ Fat City, AKA Hill 35, AKA LZ Charger, Close to Chu Lai BT435079 (Div Arty ORLL BT440077)
 LZ Fiddlers Green (named after 1-1 Cav ditty) BT215437
 Re-taken by US troops several times for ARVNs.
 LZ Frederick Hill - Marine Engineers base?
 LZ Gator South of Chu Lai BS 578961 (Div Arty ORLL BS571963)
 LZ George BS478859
 LZ Gimlet AT858230
 LZ Goldie South along coast?
 -- Ha Binh BT2445 vicinity (Barrier Island)
 -- Ha Thanh. CIDG west of Quang Ngai BS395705? (Div Arty ORLL BS428718)
 — Hau Duc - LZ Mildred. I've was run out by mortars here. Saw ARVNs with cross bows. Five miles east of LZ Mary Ann. Hau Duc BT048043
 LZ Hawk Hill (AKA Hill 29) North of Tam Ky and south of LZ Baldy West of Highway One. BT231315? or BT230315 (Div Arty ORLL BT224311)
 -- Happy Valley BS4100790? is somewhere in the middle.
 -- Hiep Duc 20 miles north west of Tam Ky. Thirty miles south of Da Nang. Thirty-five miles northwest of Chu Lai. Hiep Duc Valley was also known as Death Valley.

FB 4-11 in Quang Ngai area. ARVN & 11th BS539732/BS539731
 — AK Valley East part of Que Son valley.
 LZ Amy?
 -- An Hoa. Marine 3rd division headquarters. North west
 of LZ Baldy. Twenty-two miles southwest of Da Nang.
 AT874475
 -- An Tan BT513048
 — Antenna Valley west of LZ Ross. Also known as Dragon
 Valley.
 LZ Artillery Hill. (Divarty Hill) BS 515042
 LZ Baldy North of Hawk Hill, South of An Hoa. Thirty-five
 miles North of Chu Lai. Thirty-two miles from Da Nang.
 On Highway One near the coast. BT133453 ??BT139448?
 (Baldy BT130449 per Div Arty ORL, BT139455 Pilot's guide)
 — Batangan Peninsula (AKA Van Tuong Peninsula 12 miles South
 of Chu Lai.
 Ba To. BS555325 (Pilot's guide BS565324)
 LZ Bayonet. Headquarters of the 198th Brigade at Chu Lai at
 the top of 1,000 foot hill. BT549016
 Binh Son BS596927? (BS612933 Pilot's guide)
 LZ Birmingham ? 15 Miles Northwest of Chu Lai.
 LZ Blue. 3rd Marine operation Starlite ?BS6792 site of
 first significant action by Americans in area August
 17-19 1965 (573 CKIA enemy vs 46 Americans).
 -- Bong Son. BR846947 pilot's guide
 LZ Bowman. Southwest of Tam Ky Approximately BT3015?
 (Div Arty ORLL BT238140)
 LZ Bronco was west outside of Duc Pho. Base Camp for
 Eleventh Infantry Brigade. BS812383
 -- Bu Dop - Special forces camp just South of the Cambodian
 border. Twenty miles north of An Loc.
 FSB Buck AT806320
 LZ Buddha?
 LZ Buff - renamed to LZ Stinson after Colonel Stinson was
 killed. Platoon leader, sergeant Smith' mission on 737
 Mar 3, 1969. BS539824
 LZ Bulldog BS730528
 LZ Cacti BT060473
 LZ Center was east of Hiep Duc. In Hiep Duc Valley 1 mile
 northeast of Vinh Dong hill. BT050250
 LZ Charger Hill, AKA Fat City, AKA Hill 35.
 LZ Charlie Brown. Ten miles southeast of Duc Pho. Almost
 completely surrounded by water. BS933223?
 LZ Chevy BS429718 (Div Arty ORLL BS428714)
 LZ CHIC. Refugee camp North of Quang Ngai along the river.
 over 11,000 kept their from clearing operation on
 Batangan peninsula. (Combined Holding and Interrogation
 Center.
 -- Chin Sung Southwest of Tam Ky
 — Chu Lai BT555035. (Pilot's guide BT537062)
 — Chu Lai Main Gate BT520044.

Major Bridges

An Tan Bridge	BT 497 006
Ba Ren Bridge (Song Chiem Son & QL-1)	BT 102 510
(Song Cau Lau & QL-1)	BT 083 550
Cay Bua Bridge	BS 692 648
Liberty Bridge (Song Thu Bon & Rte 540)	BS 692 648
Nam O Bridge	AT 934 834
Song Ve Bridge	BS 695 635

Special Forces Camp

Minh Long	BS 541 525
Ba To	BS 558 327
Gia Vuc	BS 379 270
Ha Thanh	BS 386 704
Dak Pek (Airfield) aka Dal Pek	YB 948 682
Dak To (Airfield #1)	ZB 050 230
Dak To (Airfield #2)	ZB 016 218
FOG Ngok Tavak	
Camp Kham Duc (A 105)	ZC 006 079
Do Xa	XJ 10 41
Tra Bong	BS 344 884
Ha Thanh (2)	BS 390 701
Tien Phouc (A102)	BT 105 142
Gia Vuc (A103)	BS 376 271

VC/NVA Operational Areas

Op. Area "A"	YD 01 66
"B"	YD 54 17
"C"	AT 97 52
"D"	BT 18 18
"E"	BS 39 73
"F"	BS 70 57

U.S. Marine Corps Bases - from USMC CAAR & Comd Chrono's

Hill 29 (Tam Ky)	BT 235 315
Hill 35	BT 437 077
Hill 37	AT 916 582
Hill 43 (Que Son no FSB)	BT 113 327
Hill 49	BT 501 037
Hill 51 (Que Son aka LZ Ross)	BT 025 343
Hill 55	AT 970 620
Hill 63 (LZ Baldy)	BT 135 452
(LZ Baldy)	BT 136 455
Hill 65	AT 882 578
Hill 69	BT 436 073
LZ Leslie (Hill 138)	AT 979 307

Miscellaneous

Ha Tan District Town	ZT 962 480
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F. T. Jodaitis, 28 March 1993, A:\LZsectc.doc/SWIFT/UNION

MAPS

Here are the names and the best information I have at this time. The grid coordinates with "?" marks are coordinates I worked out using the markings from maps provided by Mr McCaig, Bill Staffa, Frank (Jim) Stefancic, and Tony May. I have ten different military maps that can be copied. The dimensions are 2'x 3'. I can copy them for you, but I will ask you to pay for the cost. The copy store charges \$3.05 per copy. If I do my own set up and copy, I am charged \$2.04 per copy. Mailing tubes are \$1.60 and postage has varied from \$2.90 up to \$8.00. It is possible to obtain maps from the Defense Agency Depot. The order will be mailed to your reserve unit. Call 1-410-757-1673 SFC Marsh. Fax orders 1-410-626-8767, with name, rank, unit, address, and quantity.

1. Series 1501 Sheet ND 49-1 Edition 2. 1:250,000. Da Nang area south to Mo Duc. LZ Sooner, LZ Baldy, LZ Ross, LZ Ryder, LZ Fiddlers Green, LZ Hawk Hill, LZ Professional, LZ Cork, LZ Snoopy, LZ Gator, LZ Buff (Stinson), OP1, LZ Chippewa, and LZ Bowman. Not as detailed as other maps, but shows more area with one map.
2. Song Ha (La Lang) Stock No. L70146739111. Horseshoe Area, Happy Valley, LZ Stinson (LZ Buff), LZ Cork, etc. 1:50,000
3. Sheet 6738 series L607. 1:100,000. LZ Liz, Charlie Brown, Thunder, Duc Pho, LZ Dragon, LZ Max.
4. Sheet 6640 Series L607. scale 1:100,000. LZ Young, LZ Sooner, LZ East, LZ Center, LZ Baldy, LZ Ross, LZ East, Hill 59, Hawk Hill (Hill 29), and Hoi An.
5. Sheet 6739 Series L607. 1:100,000. Arty Hill, LZ Bayonet, Tra Bong, Ha Thanh, Ba Gia, LZ Buff, LZ Dottie, Binh Son, LZ Minuteman, LZ Snoopy, Fat City, Ky Ha (123d Avn Bn Hqtrs), and LZ Dottie.
- How* 6. Sheet 6640 Tam Ky. Scale 1:50,000. Hill 29 marked. Area includes LZ East, Thang Binh, Tam Ky, LZ Young and Barrier Island. Detailed map of area around Chu Lai.
7. Kon Tum, Vietnam 12 October 1965. JOG(a) 1501 ND49-5 version 1. 1:250,000. South of Quang Ngai along the coast to Quin Nhon.
8. Quang Ngai, Vietnam 9 August 1962. AGC-ND 49-1. Scale 1:250,000. Ranges from North of the Hoi An river south of Da Nang along the coast to south of Quang Ngai City. Includes Cu Lao Re island on the east and goes out a few miles west of Hiep Duc. Brilliant colors, best color map. Created by the Aeronautical Chart and Information Center, U.S. Air Force, St Louis, MO, 63118.
9. Sheet 6539 IV, Series L7014; Border area with Laos; Tinh Quan Nam and Tinh Quang Tin province border shown.
10. Sheet 6639 i, series L7014 Tien Phuoc on Northern edge of map.