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**NATO ORDER OF BATTLE**

**1989**

**V3.0**

**The original document, including many of the orbats and the forward was prepared by Andy Johnson, to whom I owe a debt of gratitude for preparing the original document.**

**His commentary is in blue**

**Last update by Mr. Johnson: 27 May 00**

**Last update by Pat Callahan: 10 July 06**

## NATO ORDER OF BATTLE - 1989

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### **Andy Johnson's References:**

#### **References:**

1. Almanac of Airpower 1989
2. Jane's Defense Weekly's published in the late 1980's
3. Military Technology's World Defense Almanac 1988, 1989 and 1990
4. NATO Armies Today, Osprey Publishing 1987
5. NATO in Europe 1989
6. The British Army in the 1980's, Osprey Publishing 1987
7. US Army Active Troop List, June 1988 and June 1989
8. US Army Field Manual 1-111 Aviation Brigades August 1990
9. US Army Green Book 1988, 1989, and 1990
10. US Army, British Army, Canadian Army, and assorted unit internet home pages

**Note 1:** Only the Combat and Combat Support units are listed. The Combat Service Support such as maintenance, medical, and transport were excluded.

**Note 2:** Throughout this OOB there will be an occasional **bold** designation or value other than titles. Since research is not an exact science, sometimes I had to resort to a more refined approach...I took a swag (stupid wild a-- guess), hence the bold lettering. Newly updated information will be underlined.

#### **References Added For Revised Edition:**

1. Armies of NATO's Central Front, David Isby and Charles Kamps, 1985
2. Jane's Armour & Artillery, 1986-87 and 1992-93
3. ORBATs available at ORBAT.com
4. "Combined Arms," GDW, Frank Chadwick, 1987
5. World Armies Today, John Keegan, 2<sup>nd</sup> Edition, 1983 (good for general organizational information)
6. IISS Military Balance 1989-90 and 1990-1991
7. USNI's Combat Fleets of the World 1988/89 and 1990/91
8. Various Micro Mark army lists for some specialist units (for example, Gurkhas, Spanish Marines and Paras, Greek special forces, etc)
9. Jane's NATO Handbook 1990-91 (OOB comes straight from IISS, but best source out there for holdings of older equipment)
10. John Baugher's US Aircraft Encyclopedia was extremely useful for nations holding US aircraft.

In addition, numerous web sites were utilized and are noted in each individual section.

## **NORTH ATLANTIC TREATY ORGANIZATION**

**Historical Introduction:** NATO was organized on 4 April 1949 with 12 original members as a response to the growing Soviet threat. Belgium, Canada, Denmark, France, Great Britain, Iceland, Italy, Luxembourg, Netherlands, Norway, Portugal and the United States became a unified force to protect Western Europe. Greece and Turkey joined NATO on 18 February 1952 followed by West Germany on 9 May 1955. Spain joined on 30 May 1982. As the Cold War in the eighties heated up, new and modern equipment entered into service throughout NATO and the Warsaw Pact in ever increasing numbers. By July 1989, most of Europe had become an armed camp with both sides having reached a pinnacle of proficiency and capability. Unexpectedly, in November 1989, the Berlin wall came crashing down and in December, Soviet President Gorbachev stunned the world by announcing a unilateral withdrawal from Eastern Europe. This was soon followed by massive downsizing throughout Europe and America with units and designations changing faster than ever before. In August 1991, Soviet hard-liners attempted to reverse the situation and following a failed coup attempt, the Soviet Union ceased to exist. Presently, the former foes are no longer poised for global annihilation, but face new challenges as old hatreds and fears re-surface. Recently, Poland, Hungary, and the Czech Republic, all former Warsaw Pact members, joined NATO in March of 1999. Other former Warsaw Pact and Soviet Republics are seeking membership as NATO struggles to find new purpose.

The NATO military chain of command began with the North Atlantic Council based in Brussels under the Secretary General and aided by the International Military Staff controlling all NATO forces. The various commands included Allied

Command Europe (ACE), Allied Command Channel (ACCHAN), Allied Command Atlantic (ACLANT), and the Canada-US Regional Group. ACE contains the majority of the NATO ground forces and is based at the Supreme Headquarters Allied Powers Europe (SHAPE) in Belgium. The Commander is titled Supreme Allied Commander Europe (SACEUR) and is usually a US Army General. The four subordinate commands to the SACEUR are Allied Forces Northern Europe (AFNORTH) at Kolsas, Norway responsible for defending Scandinavia. The Allied Forces Central Europe (AFCENT) at Brunssum, Netherlands which include NORTHAG and CENTAG are responsible for the defense of West Germany, Great Britain, Netherlands, Belgium, Luxembourg, and France. The Allied Forces Southern Europe (AFSOUTH) at Naples, Italy defends southern Europe and Asia Minor. Finally, the Allied Mobile Force (AMF) was an international quick reaction force of US, UK, Belgium, Canadian, W. German, Italian, Luxembourg, and Spanish battalions or brigades capable of deploying anywhere within NATO. A British Admiral commands ACCHAN while a US Admiral commands ACLANT.

Named locations were peacetime barracks positions. Prior to hostilities, all units would deploy to their wartime General Defense Plan (GDP). There were three wartime scenarios that could have occurred. The first was where the Warsaw Pact attacked directly out of their barracks locations with only a few days of preparation, depending on strategic surprise, NATO would have had about 48 to 72 hours warning. This was the scenario NATO feared the most. The second, and most likely, was a 7 to 10 day warning with REFORGER units moving into place and the Soviets mobilizing for 2 to 3 weeks. The last scenario would have allowed full deployment for both sides. A nuclear exchange was a high probability in the 1<sup>st</sup> and 3<sup>rd</sup> scenarios.

## **UNITED STATES OF AMERICA**

During the 1970's, the US Military was recovering from the Vietnam era with much of its strength downsized and that which was left seriously neglected. With the election of Ronald Reagan and the coming of the early eighties the military underwent a Renaissance. The US Army grew from 13 Divisions to 18, new equipment such as the M1 Abrams tank, M2 Bradley Infantry Fighting Vehicle, Multiple Launch Rocket System, and the AH-64 Apache were but a few of the systems integrated into the force structure. For the individual soldier, new uniforms, kevlar helmets, better pay and realistic training had much improved the situation. All this along with determined leadership created an entirely new image for the US Army. No longer was the Army a haven for drugs and alcohol. A new breed of soldier was emerging and with it the pride and esprit de corps that had been so long neglected. This was one of many legacies of the 1980's, the re-birth of the US Army.

With the new equipment came new tactics and a reorganization that maximized combat power. The Airland battle concept was developed emphasizing a combined-arms approach. Although this was not really new, the degree of combined arms integration and the new approach onto a non-linear three dimensional battlefield was. The Division 86 or "Army of Excellence" was born and fully in place by the summer of 1989.

This Order of Battle includes the entire US Army, US Marine Corps, and the US Air Force with their respective Reserve and National Guard components. Although not all the forces listed were scheduled for deployment to Europe in the event of a war with the Warsaw Pact, many of the forces did have multiple wartime contingencies.

## **US ARMY**

**Note 1:** National Guard and Army Reserve Round-out units are included in their designated active Army organization's.

**Note 2:** A generic Airborne, Air Assault, Armor, Artillery, Cavalry, and Infantry Tables of Organization and Equipment are included at the end of the US Army section. Unique equipment types are incorporated within each specific unit.

## **FORCES COMMAND**

**Note:** The Army level headquarters located within the States did not have any designated subordinate units as their counterparts in Germany or Korea had. They were primarily responsible for the mobilization of Reserve and National Guard forces in their region in time of national crisis. Each headquarters could be assigned combat formations and sent to a theatre of operations as did the Third US Army during the Gulf War. All of the active duty units were assigned to an existing Corps Headquarters. Several of the National Guard and Reserve units would also go to existing Corps but in the event of a major war additional Corps Headquarters would be activated and assigned to support Combat Operations as needed.

1. FORSCOM Headquarters - Ft McPherson, GA:
2. First US Army - Ft Meade, MD:

3. Second US Army - Ft Gillem, GA:
4. Third US Army - Ft McPherson, GA:
5. Fourth US Army - Ft Sheridan, IL:
6. Fifth US Army - Ft Sam Houston, TX:
7. Sixth US Army - San Francisco, CA:
8. I US Corps HQ - Ft Lewis, WA:
  - a. 7<sup>th</sup> Infantry Division (Light) - Ft Ord, CA:
    - 1) 1<sup>st</sup> Brigade:
      - a) 1 -9<sup>th</sup> Light Infantry Battalion:
      - b) 2 -9<sup>th</sup> Light Infantry Battalion:
      - c) 3 -9<sup>th</sup> Light Infantry Battalion:
    - 2) 2<sup>nd</sup> Brigade:
      - a) 3 -17<sup>th</sup> Light Infantry Battalion:
      - b) 4 -17<sup>th</sup> Light Infantry Battalion:
      - c) 2 -27<sup>th</sup> Light Infantry Battalion:
    - 3) 3<sup>rd</sup> Brigade:
      - a) 4 -21<sup>st</sup> Light Infantry Battalion:
      - b) 5 -21<sup>st</sup> Light Infantry Battalion:
      - c) 3 -27<sup>th</sup> Light Infantry Battalion:
    - 4) 7<sup>th</sup> Combat Aviation Brigade:
      - a) 2<sup>nd</sup> Squadron, 9<sup>th</sup> Cavalry Regiment:
      - b) 1 -123<sup>rd</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
      - c) C Co, 123<sup>rd</sup> Aviation Regiment: 15 UH60A
      - d) D Co, 123<sup>rd</sup> Aviation Regiment: 15 UH60A
    - 5) 7<sup>th</sup> ID Divarty:
      - a) 2 -8<sup>th</sup> Field Artillery Battalion: 18 M101
      - b) 6 -8<sup>th</sup> Field Artillery Battalion: 18 M101
      - c) 7 -15<sup>th</sup> Field Artillery Battalion: 18 M101
      - d) B Battery, 15<sup>th</sup> Field Artillery Regiment: 8 M198
    - 6) 7<sup>th</sup> ID Discom:
    - 7) 13<sup>th</sup> Combat Engineer Battalion: 18 SEE, 6 ACE
    - 8) 2 -62<sup>nd</sup> Air Defense Battalion: 18 Towed Vulcan, 40 Stinger
    - 9) 107<sup>th</sup> Military Intelligence Battalion (CEWI):
    - 10) 7<sup>th</sup> Military Police Company:
  - b. 9<sup>th</sup> Infantry Division (Motorized) - Ft Lewis, WA: The 9<sup>th</sup> ID was the High Technology Test Bed with a very unique organization of Combined Arms (CA) Battalions.
    - 1) 1<sup>st</sup> Brigade:
      - a) 1 -33<sup>rd</sup> Armor Battalion: M60A3
      - b) 2 -23<sup>rd</sup> CA Heavy Battalion: 44 TOW HMMWV, 67 Mk19 GL, 15 Dragon, 6 4.2in mortars, 9 Infantry squads
      - c) 4 -23<sup>rd</sup> CA Light Battalion: 24 TOW HMMWV, 75 Mk19 GL, 30 Dragon, 6 4.2in mortars, 18 Infantry squads
      - d) 2 -2<sup>nd</sup> Light Attack Battalion: 31 TOW HMMWV, 96 Mk19 GL, 6 4.2in mortars
    - 3) 81<sup>st</sup> Mech Infantry Brigade - Washington NG:
      - a) 1 -303<sup>rd</sup> Armor Battalion: M60A3
      - b) 1 -803<sup>rd</sup> Armor Battalion: M60A3
      - c) 1 -161<sup>st</sup> Mech Infantry Battalion: M113
      - d) 3 -161<sup>st</sup> Mech Infantry Battalion: M113
    - 2) 3<sup>rd</sup> Brigade:
      - a) 2 -60<sup>th</sup> CA Heavy Battalion: 44 TOW HMMWV, 67 Mk19 GL, 15 Dragon, 6 4.2in mortars, 9 Infantry squads
      - b) 3 -47<sup>th</sup> CA Light Battalion: 24 TOW HMMWV, 75 Mk19 GL, 30 Dragon, 6 4.2in mortars, 18 Infantry squads
      - c) 2 -1<sup>st</sup> Light Attack Battalion: 31 TOW HMMWV, 96 Mk19 GL, 6 4.2in mortars

- 4) 9<sup>th</sup> Combat Aviation Brigade:
  - a) 1<sup>st</sup> Squadron, 9<sup>th</sup> Cavalry Regiment: 12 OH58C, 8 AH1F, 1 UH60A, 42 TOW HMMWV
  - b) 1 -9<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
  - c) 2 -9<sup>th</sup> Aviation Battalion: 15 UH60A, 6 UH1H, 6 OH58C, 6 OH58D, 3 EH60
- 5) 9<sup>th</sup> ID Divarty:
  - a) 1 -11<sup>th</sup> Field Artillery Battalion: 18 M198
  - b) 3 -11<sup>th</sup> Field Artillery Battalion: 18 M198
  - c) 2 -146<sup>th</sup> Field Artillery Battalion - Washington NG: 18 M109A2
  - d) 1 -84<sup>th</sup> Field Artillery Battalion: 12 M102, 9 MLRS
- 6) 9<sup>th</sup> ID Discom:
- 7) 15<sup>th</sup> Combat Engineer Battalion:
- 8) 1-44<sup>th</sup> Air Defense Battalion: 12 Chaparral, 27 Vulcan SP, 60 Stinger
- 9) 109<sup>th</sup> Military Intelligence Battalion (CEWI):
- 10) 9<sup>th</sup> Military Police Company:
- 11) 9<sup>th</sup> Chemical Company:

**Note 1:** Throughout the late 1980's, this divisions organization was in flux. At times, the roundout brigade was the 39<sup>th</sup> Infantry Brigade, Arkansas National Guard in the of the 81<sup>st</sup> Mech Brigade, Washington National Guard.

**Note 2:** In case of war, the division was to deploy by air to North Germany and reinforce the LandJut command.

c. 35<sup>th</sup> Air Defense Brigade: 1 Bn 48 Patriot, 2 Bn's 24 I-Hawk each

9. III US Corps HQ - Ft Hood, TX: Primary mission was to reinforce NATO's NORTHAG with contingencies to Southwest and Northeast Asia. The 1<sup>st</sup> and 4<sup>th</sup> Infantry Divisions would reinforce the VII and V Corps respectively in the event of war in Europe.

a. 1<sup>st</sup> Infantry Division (Mech) - Ft Riley, KS: Reinforces VII Corps, POMCUS set 1 at Mannheim, FRG:

- 1) 1<sup>st</sup> Brigade:
  - a) 1 -34<sup>th</sup> Armor Battalion: M1
  - b) 2 -34<sup>th</sup> Armor Battalion: M1
  - c) 5 -16<sup>th</sup> Mech Infantry Battalion: M113
  - d) 2 -136<sup>th</sup> Mech Infantry Battalion - Minnesota NG: M113
- 2) 2<sup>nd</sup> Brigade:
  - a) 3 -37<sup>th</sup> Armor Battalion: M1
  - b) 4 -37<sup>th</sup> Armor Battalion: M1
  - c) 2 -16<sup>th</sup> Mech Infantry Battalion: M113
- 3) 3<sup>rd</sup> Brigade - Forward deployed at Goppingen, FRG: see USAREUR forces
- 4) 1<sup>st</sup> Combat Aviation Brigade:
  - a) 1<sup>st</sup> Squadron, 4<sup>th</sup> Cavalry Regiment: 40 M3A1, 10 M113, 4 M106, 4 M577, 8 AH1F, 12 OH58C, 1 UH1H
  - b) 1 -1st Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
  - c) D Co/1<sup>st</sup> Aviation Regiment: 6 UH1H, 6 OH58A, 6 OH58D, 3 EH60
  - d) E Co/1<sup>st</sup> Aviation Regiment: 15 UH1H
- 5) 1<sup>st</sup> ID Divarty - 1 battalion forward deployed to FRG with 3<sup>rd</sup> Brigade:
  - a) 1 -5<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - b) 4 -5<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - c) B Battery, 6<sup>th</sup> Field Artillery Regiment: 9 MLRS
- 6) 1<sup>st</sup> ID Discom:
- 7) 1<sup>st</sup> Combat Engineer Battalion - 1 company forward deployed:
- 8) 2 -67<sup>th</sup> Air Defense Battalion - 1 battery forward deployed: 18 Vulcan SP, 36 Stinger
- 9) 101<sup>st</sup> Military Intelligence Battalion (CEWI):
- 10) 1<sup>st</sup> Military Police Company:
- 11) 12th Chemical Company:

b. 1<sup>st</sup> Cavalry Division - Ft. Hood, TX - REFORGER unit, POMCUS set 5 in Belgium:

- 1) 1<sup>st</sup> Brigade:
  - a) 3 -32<sup>nd</sup> Armor Battalion: M1
  - b) 2 -8<sup>th</sup> Cavalry Battalion: M1

- c) 2 -5<sup>th</sup> Cavalry Battalion: M2
    - d) 3 -141<sup>st</sup> Mech Infantry Battalion - Texas NG: M2
  - 2) 2<sup>nd</sup> Brigade:
    - a) 1 -32<sup>nd</sup> Armor Battalion: M1
    - b) 1 -8<sup>th</sup> Cavalry Battalion: M1
    - c) 1 -5<sup>th</sup> Cavalry Battalion: M2
  - 3) 155<sup>th</sup> Armor Brigade - Mississippi NG:
    - a) 1 -198<sup>th</sup> Armor Battalion: M1
    - b) 2 -198<sup>th</sup> Armor Battalion: M1
    - c) 1 -155<sup>th</sup> Mech Infantry Bn: M2
  - 4) 4<sup>th</sup> Brigade (Aviation):
    - a) 1<sup>st</sup> Squadron, 7<sup>th</sup> Cavalry Regiment: 40 M3A1, 10 M113, 4 M106, 4 M577, 8 AH1F, 12 OH58C, 1 UH1H
    - b) 1-227<sup>th</sup> Attack Helicopter Battalion: 18 AH64, 13 OH58C, 3 UH1H
    - c) D Co/227<sup>th</sup> Aviation Regiment: 6 UH1H, 6 OH58C, 6 OH58D, 3 EH60
    - d) E Co/227<sup>th</sup> Aviation Regiment: 15 UH-60A
  - 5) 1<sup>st</sup> CD Divarty:
    - a) 1 -82<sup>nd</sup> Field Artillery Battalion: 24 M109A3
    - b) 3 -82<sup>nd</sup> Field Artillery Battalion: 24 M109A3
    - c) 2 -114<sup>th</sup> Field Artillery Battalion - Mississippi NG: 24 M109A2
    - d) A Battery, 21<sup>st</sup> Field Artillery Regiment: 9 MLRS
  - 6) 1<sup>st</sup> CD Discom:
  - 7) 8<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 8) 1-68<sup>th</sup> Air Defense Battalion: 12 Chaparral, 27 Vulcan SP, 60 Stinger
  - 9) 312<sup>th</sup> Military Intelligence Battalion (CEWI):
  - 10) 545<sup>th</sup> Military Police Company:
  - 11) 68<sup>th</sup> Chemical Company:
- c. 2nd Armored Division - Ft. Hood, TX - REFORGER unit, POMCUS set 4 at Monchengladbach, FRG:
- 1) 1<sup>st</sup> Brigade:
    - a) 1 -67<sup>th</sup> Armor Battalion: M1
    - b) 3 -67<sup>th</sup> Armor Battalion: M1
    - c) 3 -41<sup>st</sup> Mech Infantry Battalion: M2
  - 2) 2<sup>nd</sup> Brigade:
    - a) 1 -66<sup>th</sup> Armor Battalion: M1
    - b) 2 -252<sup>nd</sup> Armor Battalion - North Carolina NG: M1
    - c) 2 -41<sup>st</sup> Mech Infantry Battalion: M2
    - d) 4 -41<sup>st</sup> Mech Infantry Battalion: M2
  - 3) 3<sup>rd</sup> Brigade - Forward deployed to Garlstadt, FRG: see USAREUR forces
  - 4) 4<sup>th</sup> Brigade (Aviation):
    - a) 2<sup>nd</sup> Squadron, 1<sup>st</sup> Cavalry Regiment: 40 M3A1, 10 M113, 4 M106, 4 M577, 8 AH1F, 12 OH58C, 1 UH1H
    - b) 1-3<sup>rd</sup> Attack Helicopter Battalion: 18 AH64A, 13 OH58C, 3 UH60A
    - c) D Co/3<sup>rd</sup> Aviation Regiment: 6 UH1H, 6 OH58A, 6 OH58D, 3 EH60
    - d) E Co/3<sup>rd</sup> Aviation Regiment: 15 UH1H
  - 5) 2<sup>nd</sup> AD Divarty - 1 Battalion forward deployed to Garlstadt, FRG: see USAREUR forces
    - a) 1 -3<sup>rd</sup> Field Artillery Battalion: 24 M109A3
    - b) 3 -3<sup>rd</sup> Field Artillery Battalion: 24 M109A3
    - c) A Battery, 92<sup>nd</sup> Field Artillery Regiment: 9 MLRS
  - 6) 2<sup>nd</sup> AD Discom:
  - 7) 17<sup>th</sup> Combat Engineer Battalion - D Co in FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 8) 2 -5<sup>th</sup> Air Defense Battalion - 1 battery in FRG: 18 Vulcan SP, 36 Stinger
  - 9) 552<sup>nd</sup> Military Intelligence Battalion:
  - 10) 503<sup>rd</sup> Military Police Company:
  - 11) 44<sup>th</sup> Chemical Company:
- d. 4<sup>th</sup> Infantry Division (Mech) - Ft Carson, CO: Reinforces V Corps, POMCUS set 2 at Kaiserslautern, FRG:
- 1) 1<sup>st</sup> Brigade:
    - a) 1 -77<sup>th</sup> Armor Battalion: M60A3
    - b) 2 -77<sup>th</sup> Armor Battalion: M60A3



- c) 1 -12<sup>th</sup> Mech Infantry Battalion: M113
  - d) 2 -120<sup>th</sup> Mech Infantry Battalion - North Carolina NG: M113
  - 2) 2<sup>nd</sup> Brigade:
    - a) 3 -68<sup>th</sup> Armor Battalion: M60A3
    - b) 4 -68<sup>th</sup> Armor Battalion: M60A3
    - c) 1 -10<sup>th</sup> Mech Infantry Battalion: M113
  - 3) 3<sup>rd</sup> Brigade:
    - a) 4 -40<sup>th</sup> Armor Battalion: M60A3
    - b) 1 -8<sup>th</sup> Mech Infantry Battalion: M113
    - c) 2 -8<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 4<sup>th</sup> Combat Aviation Brigade:
    - a) 2<sup>nd</sup> Sqdn, 7<sup>th</sup> Cavalry Regt: 19 M60A3, 32 M113, 4 M577, 4 M106, 24 Dragon, 8 AH1F, 12 OH58C, 1 UH1H
    - b) 1-4<sup>th</sup> Attack Helicopter Battalion: 18 AH64A, 13 OH58C, 3 UH60A
    - c) D Co/4<sup>th</sup> Aviation Regiment: 6 UH1H, 6 OH58C, 6 OH58D, 3 EH60
    - d) E Co/4<sup>th</sup> Aviation Regiment: 15 UH1H
  - 5) 4<sup>th</sup> ID Divarty:
    - a) 1 -29<sup>th</sup> Field Artillery Battalion: 24 M109A3
    - b) 3 -29<sup>th</sup> Field Artillery Battalion: 24 M109A3
    - c) 5 -29<sup>th</sup> Field Artillery Battalion: 24 M109A3
    - d) C Battery, 10<sup>th</sup> Field Artillery Regiment: 9 MLRS
  - 6) 4<sup>th</sup> ID Discom:
  - 7) 4<sup>th</sup> Combat Engineer Battalion:
  - 8) 4 -61<sup>st</sup> Air Defense Battalion: 12 Chaparral, 27 Vulcan SP, 60 Stinger
  - 9) 104<sup>th</sup> Military Intelligence Battalion (CEWI):
  - 10) 4<sup>th</sup> Military Police Company:
  - 11) 31st Chemical Company:
- e. 5<sup>th</sup> Infantry Division (Mech) - Ft. Polk, LA - REFORGER unit, POMCUS set 6 in the Netherlands: 7
- 1) 1<sup>st</sup> Brigade:
    - a) 1 -70<sup>th</sup> Armor Battalion: M1
    - b) 3 -70<sup>th</sup> Armor Battalion: M1
    - c) 1 -61<sup>st</sup> Mech Infantry Battalion: M113
  - 2) 2<sup>nd</sup> Brigade:
    - a) 3 -77<sup>th</sup> Armor Battalion: M1
    - b) 2 -152<sup>nd</sup> Armor Battalion - Alabama NG: M60A3 (May Be NC NG)
    - c) 3 -6<sup>th</sup> Mech Infantry Battalion: M113
    - d) 4 -6<sup>th</sup> Mech Infantry Battalion: M113
  - 3) 256<sup>th</sup> Mech Infantry Brigade - Louisiana NG:
    - a) 1 -156<sup>th</sup> Armor Battalion: M60A3
    - b) 2 -156<sup>th</sup> Mech Infantry Battalion: M113
    - c) 3 -156<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 4<sup>th</sup> Brigade (Aviation):
    - a) 4<sup>th</sup> Sqdn, 12<sup>th</sup> Cavalry Regt: 19 M60A3, 32 M113, 4 M577, 4 M106, 24 Dragon, 8 AH1F, 12 OH58C, 1 UH1H
    - b) 1-5<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
    - c) C Co/5<sup>th</sup> Avn Regiment: 6 UH1H, 6 OH68A, 6 OH58D, 3 EH60
    - d) D Co/5<sup>th</sup> Avn Regiment: 15 UH1H
  - 5) 5<sup>th</sup> ID Divarty:
    - a) 4 -1<sup>st</sup> Field Artillery Battalion: 24 M109A3
    - b) 5 -1<sup>st</sup> Field Artillery Battalion: 24 M109A3
    - c) 1 -141st Field Artillery Battalion - Louisiana NG: 24 M109A2
    - d) C Battery, 21<sup>st</sup> Field Artillery Regiment: 9 MLRS
  - 6) 5<sup>th</sup> ID Discom:
  - 7) 7<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 8) 1-55<sup>th</sup> Air Defense Battalion: 12 Chaparral, 27 Vulcan SP, 60 Stinger
  - 9) 105<sup>th</sup> Military Intelligence Battalion (CEWI):
  - 10) 5<sup>th</sup> Military Police Company:
  - 11) 45th Chemical Company:

f. 3<sup>rd</sup> Armored Cavalry Regiment - Ft Bliss, TX: REFORGER unit, POMCUS set 4 at Monchengladbach, FRG:

- 1) 1, 2, 3 - 3rd Armored Cavalry Sqdns: 28 M1A1, 40 M3, 12 M113, 6 M106, 4 M577, 8 M109
  - 2) 4 -3<sup>rd</sup> Air Cavalry Squadron: 26 AH1F, 27 OH58C, 3 EH60, 18 UH60A
  - 3) 43<sup>rd</sup> Combat Engineer Company:
  - 4) 1 Air Defense Battery: 9 Vulcan SP, 12 Stinger
- g. 6<sup>th</sup> Cavalry Brigade (Air Combat) - Ft Hood, TX:
- 1) 1 Air Cavalry Squadron (Attack): 18 AH64A, 13 OH58C, 3 UH60A
  - 2) 1 Air Cavalry Squadron (Attack): 18 AH64A, 13 OH58C, 3 UH60A
  - 3) 1 Air Cavalry Squadron (Attack): 18 AH64A, 13 OH58C, 3 UH60A
- h. 75<sup>th</sup> Field Artillery Brigade - Ft Sill, OK:
- 1) 1 -17<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 2) 6 -27<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 3) 1 -77<sup>th</sup> Field Artillery Battalion: 27 MLRS
- i. 212<sup>th</sup> Field Artillery Brigade - Ft Sill, OK: REFORGER unit, POMCUS set 4 at Monchengladbach, FRG
- 1) 2 -17<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 2) 3 -17<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 3) 3 -27<sup>th</sup> Field Artillery Battalion: 27 MLRS
- j. 214<sup>th</sup> Field Artillery Brigade - Ft Sill, OK:
- 1) 2 -4<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 2) 3 -13<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 3) 1 -14<sup>th</sup> Field Artillery Battalion: 27 MLRS
- k. 31<sup>st</sup> Air Defense Artillery Brigade:
- 1) 2 -1<sup>st</sup> ADA Battalion: 24 I-Hawk
  - 2) 2 -52<sup>nd</sup> ADA Battalion: 24 I-Hawk
  - 3) 2 -7<sup>th</sup> ADA Battalion: 48 Patriot
  - 4) 3 -43<sup>rd</sup> ADA Battalion: 48 Patriot
  - 5) 1 -2<sup>nd</sup> ADA Battalion: 36 Chaparral
- l. 13<sup>th</sup> Support Command:
10. XVIII US Airborne Corps HQ - Ft Bragg, NC - Rapid Deployment Force:
- a. 82<sup>nd</sup> Airborne Division - Ft Bragg, NC: The 82<sup>nd</sup> could deploy a battalion task force within 24 hours and a brigade task force within 3 days. The remainder of the Division would take up to 10 days to deploy.
- 1) 1<sup>st</sup> Brigade - 504th Parachute Infantry Regiment: 18 TOW HMMWV (AT)
    - a) 1 -504<sup>th</sup> Parachute Infantry Battalion:
    - b) 2 -504<sup>th</sup> Parachute Infantry Battalion:
    - c) 3 -504<sup>th</sup> Parachute Infantry Battalion:
  - 2) 2<sup>nd</sup> Brigade - 325th Parachute Infantry Regiment: 18 TOW HMMWV (AT)
    - a) 1 -325<sup>th</sup> Parachute Infantry Battalion:
    - b) 2 -325<sup>th</sup> Parachute Infantry Battalion:
    - c) 4 -325<sup>th</sup> Parachute Infantry Battalion:
  - 3) 3<sup>rd</sup> Brigade - 505th Parachute Infantry Regiment: 18 TOW HMMWV (AT)
    - a) 1 -505<sup>th</sup> Parachute Infantry Battalion:
    - b) 2 -505<sup>th</sup> Parachute Infantry Battalion:
    - c) 3 -505<sup>th</sup> Parachute Infantry Battalion:
  - 4) 82<sup>nd</sup> Divarty - 1, 2, 3 -319<sup>th</sup> Field Artillery Regiment (Airborne): 18 M101 each
  - 5) 82<sup>nd</sup> Combat Aviation Brigade (Airborne):
    - a) 1<sup>st</sup> Squadron, 17<sup>th</sup> Cavalry Regiment: 18 OH58C, 12 AH1F, 8 UH60A, 12 .50 Cal HMMWV, 6 TOW HMMWV
    - b) 1 -82<sup>nd</sup> Attack Helicopter Battalion: 18 AH64A, 13 OH58C, 3 UH60A

- c) 2 -82<sup>nd</sup> Aviation Battalion: 30 UH60A, 12 OH58A, 6 OH58D, 3 EH60
  - 6) 82<sup>nd</sup> Discom (Airborne):
  - 7) 3 -73<sup>rd</sup> Armor Battalion (Airborne): 58 M-551, 7 HMMWV .50 Cal, 6 M-106, 4 M-577, 14 M113, 6 Dragon
  - 8) 307<sup>th</sup> Combat Engineer Battalion (Airborne): 4 dozers, 12 MAB (bridge)
  - 9) 3 -4<sup>th</sup> Air Defense Battalion (Airborne): 18 Towed Vulcan, 48 Stinger
  - 10) 313<sup>th</sup> Military Intelligence Battalion (Airborne):
  - 11) 82<sup>nd</sup> Military Police Company (Airborne):
  - 12) 21st Chemical Company (Airborne):
- b. 101<sup>st</sup> Airborne Division (Air Assault) - Ft Campbell, KY: The 101<sup>st</sup> would use air and sea lift assets to deploy requiring 10 days for a brigade task force and up to 30 days for the remainder of the Division.
- 1) 1<sup>st</sup> Brigade - 327<sup>th</sup> Infantry Regiment: 18 TOW HMMWV (AT)
    - a) 1 -327<sup>th</sup> Air Assault Infantry Battalion:
    - b) 2 -327<sup>th</sup> Air Assault Infantry Battalion:
    - c) 3 -327<sup>th</sup> Air Assault Infantry Battalion:
  - 2) 2<sup>nd</sup> Brigade - 502<sup>nd</sup> Infantry Regiment: 18 TOW HMMWV (AT)
    - a) 1 -502<sup>nd</sup> Air Assault Infantry Battalion:
    - b) 2 -502<sup>nd</sup> Air Assault Infantry Battalion:
    - c) 3 -502<sup>nd</sup> Air Assault Infantry Battalion:
  - 3) 3<sup>rd</sup> Brigade - 187<sup>th</sup> Infantry Regiment: 18 TOW HMMWV (AT)
    - a) 1 -187<sup>th</sup> Air Assault Infantry Battalion:
    - b) 2 -187<sup>th</sup> Air Assault Infantry Battalion:
    - c) 3 -187<sup>th</sup> Air Assault Infantry Battalion:
  - 4) 101<sup>st</sup> Divarty - 320<sup>th</sup> Field Artillery Regiment: 3 Bn's 18 M101 ea
  - 5) 101<sup>st</sup> Aviation Brigade:
    - a) 2<sup>nd</sup> Squadron, 17<sup>th</sup> Cavalry Regiment: 24 OH58C, 16 AH1F, 10 UH60A
    - b) 1 -101<sup>st</sup> Attack Helicopter Battalion: 18 AH64A, 13 OH58C, 3 UH60A
    - c) 2 -101<sup>st</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
    - d) 3 -101<sup>st</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
    - e) 4 -101<sup>st</sup> Aviation Battalion: 30 UH60A
    - f) 5 -101<sup>st</sup> Aviation Battalion: 30 UH60A
    - g) 6 -101<sup>st</sup> Aviation Battalion: 30 UH1H, 15 OH58A, 6 OH58D, 3 EH60
    - h) 7 -101<sup>st</sup> Aviation Battalion: 24 CH47D
    - i) 8 -101<sup>st</sup> Aviation Maintenance Battalion:
    - j) 9 -101<sup>st</sup> Aviation Battalion: 30 UH60A
  - 6) 101<sup>st</sup> Discom:
  - 7) 326<sup>th</sup> Combat Engineer Battalion: 4 dozers, 12 MAB (bridge)
  - 8) 2 -44<sup>th</sup> Air Defense Battalion: 18 Towed Vulcan, 48 Stinger
  - 9) 311<sup>th</sup> Military Intelligence Battalion:
  - 10) 101<sup>st</sup> Military Police Company:
  - 11) 63rd Chemical Company:
- c. 10<sup>th</sup> Mountain Division (Light) - Ft Drum, NY - contingency mission to reinforce Norway, deploying within 10 days:
- 1) 1<sup>st</sup> Brigade:
    - a) 1 -22<sup>nd</sup> Light Infantry Battalion:
    - b) 2 -22<sup>nd</sup> Light Infantry Battalion:
    - c) 1 -87<sup>th</sup> Light Infantry Battalion:
  - 2) 2<sup>nd</sup> Brigade:
    - a) 2 -14<sup>th</sup> Light Infantry Battalion:
    - b) 3 -14<sup>th</sup> Light Infantry Battalion:
    - c) 2 -87<sup>th</sup> Light Infantry Battalion:
  - 3) 27<sup>th</sup> Light Infantry Brigade - New York NG:
    - a) 1 -105<sup>th</sup> Light Infantry Battalion:
    - b) 2 -108<sup>th</sup> Light Infantry Battalion:
    - c) 3 -108<sup>th</sup> Light Infantry Battalion:
  - 4) 10<sup>th</sup> Combat Aviation Brigade:
    - a) 3<sup>rd</sup> Squadron, 17<sup>th</sup> Cavalry Regiment: 12 OH58C, 8 AH1F, 1 UH60A, 12 .50 Cal HMMWV, 6 TOW HMMWV
    - b) 2 -25<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H

- c) C Co/25<sup>th</sup> Aviation Regiment: 15 UH1H
  - d) D Co/25<sup>th</sup> Aviation Regiment: 15 UH1H
  - 5) 10<sup>th</sup> ID Divarty:
    - a) 1 -7<sup>th</sup> Field Artillery Battalion: 18 M101
    - b) 2 -7<sup>th</sup> Field Artillery Battalion: 18 M101
    - c) 1 -156<sup>th</sup> Field Artillery Battalion - New York NG: 18 M101
    - d) E Battery 7<sup>th</sup> Field Artillery Regiment: 8 M198
  - 6) 10<sup>th</sup> ID Discom:
  - 7) 41<sup>st</sup> Combat Engineer Battalion: 18 SEE, 6 ACE
  - 8) 3 -62<sup>nd</sup> Air Defense Battalion: 18 Towed Vulcan, 40 Stinger
  - 9) 110<sup>th</sup> Military Intelligence Battalion (CEWI):
  - 10) 10<sup>th</sup> Military Police Company:
- d. 24<sup>th</sup> Infantry Division (Mech) - Ft Stewart, GA: The 24<sup>th</sup> ID would take 10-14 days to deploy to Europe using 5 Ro-Ro ships, the 48<sup>th</sup> GA National Guard Brigade would require 30 days.
- 1) 1<sup>st</sup> Brigade:
    - a) 4 -64<sup>th</sup> Armor Battalion: M1
    - b) 1 -263<sup>rd</sup> Armor Battalion - South Carolina NG: M1
    - c) 2 -7<sup>th</sup> Mech Infantry Battalion: M2
    - d) 3 -7<sup>th</sup> Mech Infantry Battalion: M2
  - 2) 2<sup>nd</sup> Brigade:
    - a) 1 -64<sup>th</sup> Armor Battalion: M1
    - b) 3 -69<sup>th</sup> Armor Battalion: M1
    - c) 3 -19<sup>th</sup> Mech Infantry Battalion: M2
  - 3) 48<sup>th</sup> Mech Infantry Brigade - Georgia NG:
    - a) 1 -108<sup>th</sup> Armor Battalion: M1
    - b) 1 -121<sup>st</sup> Mech Infantry Battalion: M2
    - c) 2 -121<sup>st</sup> Mech Infantry Battalion: M2
  - 4) 24<sup>th</sup> Combat Aviation Brigade:
    - a) 2<sup>nd</sup> Sqdn, 4<sup>th</sup> Cavalry Regt: 40 M3A1, 10 M113, 4 M106, 4 M577, 8 AH1F, 12 OH58C, 1 UH1H
    - b) 1 -24<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
    - c) D Co/24<sup>th</sup> Aviation Regiment: 6 UH1H, OH58A, 6 OH58D, 3 EH60
    - d) E Co/24<sup>th</sup> Aviation Regiment: 15 UH60A
  - 5) 24<sup>th</sup> ID Divarty:
    - a) 1 -41<sup>st</sup> Field Artillery Battalion: 24 M109A3
    - b) 3 -41<sup>st</sup> Field Artillery Battalion: 24 M109A3
    - c) 1 -230<sup>th</sup> Field Artillery Battalion - Georgia NG: 24 M109A3
    - d) A Battery, 13<sup>th</sup> Field Artillery Regiment: 9 MLRS
  - 6) 24<sup>th</sup> ID Discom:
  - 7) 3<sup>rd</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 8) 5 -52<sup>nd</sup> Air Defense Battalion: 12 Chaparral, 27 Vulcan SP, 60 Stinger
  - 9) 124<sup>th</sup> Military Intelligence Battalion (CEWI):
  - 10) 24<sup>th</sup> Military Police Company:
  - 11) 91<sup>st</sup> Chemical Company:
- e. 194<sup>th</sup> Armored Brigade - Ft Knox, KY - REFORGER unit, POMCUS set 3 at Pirmasens, FRG:
- 1) 1 -10<sup>th</sup> Armor Battalion: M1
  - 2) 2 -10<sup>th</sup> Armor Battalion: M1
  - 3) 4 -15<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 1 -77<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 5) 522<sup>nd</sup> Combat Engineer Company:
  - 6) D Troop/10<sup>th</sup> Cavalry Regiment: 9 M1, 13 M3, 2 M113, 2 M106
- f. 197<sup>th</sup> Infantry Brigade (Mech) - Ft Benning, GA - REFORGER unit, POMCUS set 3 at Pirmasens, FRG:
- 1) 2 -69<sup>th</sup> Armor Battalion: M60A3
  - 2) 2 -18<sup>th</sup> Mech Infantry Battalion: M2
  - 3) 1 -58<sup>th</sup> Mech Infantry Battalion: M113

- 4) 4 -41<sup>st</sup> Field Artillery Battalion: 24 M109A3
  - 5) 72<sup>nd</sup> Combat Engineer Company:
  - 6) A Troop/15<sup>th</sup> Cavalry Regiment: 9 M60A3, 15 M113, 2 M106
- g. 18<sup>th</sup> Combat Aviation Brigade - Ft Bragg, NC:
- 1) 1-58<sup>th</sup> Aviation Battalion: 45 UH60A
  - 2) 118<sup>th</sup> Aviation Battalion: 5 U21, 15 OH58A, 15 OH58D, 30 UH1H
  - 2) 218<sup>th</sup> Aviation Battalion: 32 CH47D
  - 3) 196<sup>th</sup> Aviation Company:
- h. 18th Field Artillery Brigade - Ft Bragg, NC:
- 1) 1 -39<sup>th</sup> Airborne Field Artillery Battalion (Airborne): 24 M198
  - 2) 3 -8<sup>th</sup> Field Artillery Battalion: 24 M198
  - 3) 5 -8<sup>th</sup> Field Artillery Battalion: 24 M198
- i. 20<sup>th</sup> Engineer Brigade - Ft Bragg, NC:
- 1) 27<sup>th</sup> Combat Engineer Battalion (Airborne): 4 dozers, 12 MAB
  - 2) 37<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB
  - 3) 30<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB
  - 4) 264<sup>th</sup> Engineer Company (Bridge):
  - 5) 116<sup>th</sup> Engineer Company (Airborne):
- j. 6<sup>th</sup> Air Defense Brigade - Ft Bliss, TX: 1 Bn 48 Patriot, 2 Bn'2 24 I-Hawk each
- k. 11<sup>th</sup> Air Defense Brigade - Ft Bliss, TX: 1 Bn 48 Patriot, 2 Bn'2 24 I-Hawk each
- l. 16<sup>th</sup> Military Police Brigade:
- 1) 503<sup>rd</sup> MP Battalion (Airborne):
  - 2) 21<sup>st</sup> MP Company:
  - 3) 65<sup>th</sup> MP Company:
  - 4) 108<sup>th</sup> MP Company:
  - 5) 118<sup>th</sup> MP Company (Airborne):
- m. 1<sup>st</sup> Support Command - Ft Bragg, NC:

### **1<sup>st</sup> SPECIAL OPERATIONS COMMAND**

1. SOCOM HQ - Ft Bragg, NC:
  - a. 1<sup>st</sup> Special Forces Group - Ft Lewis, WA: 1 battalion forward deployed to Okinawa
  - b. 5<sup>th</sup> Special Forces Group - Ft Campbell, KY:
  - c. 7<sup>th</sup> Special Forces Group - Ft Bragg, NC: 1 battalion forward deployed to Panama
  - d. 10<sup>th</sup> Special Forces, Group - Ft Devens, MA: 1 battalion forward deployed to Bad Tolz, FRG
  - e. 75<sup>th</sup> Ranger Regiment - Ft Benning, GA:
    - 1) 1 -75<sup>th</sup> Ranger Battalion - Ft Stewart, GA:
    - 2) 2 -75<sup>th</sup> Ranger Battalion - Ft Lewis, WA:
    - 3) 3 -75<sup>th</sup> Ranger Battalion - Ft Benning, GA:
  - f. 160<sup>th</sup> Special Operations Aviation Group - Ft Campbell, KY:
  - g. 4<sup>th</sup> Psychological Operations Group - Ft Bragg, NC:
  - h. Delta Force - Ft Bragg, NC:

### **MILITARY DISTRICT OF WASHINGTON**

1. 3<sup>rd</sup> Infantry Regiment (The Old Guard) - Ft Myers, VA: Ceremonial unit

## US ARMY - EUROPE

**Note 1:** The Seventh US Army Commander was also NATO's Central Army Group (CENTAG) Commander and commands the V and VII US Corps, 2<sup>nd</sup> and 3<sup>rd</sup> German Corps, 1<sup>st</sup> and 2<sup>nd</sup> French Corps, and the 1<sup>st</sup> Canadian Division.

**Note 2:** The US can deploy its combat forces to their GDP positions within 24 hours and maintains 30 days of war stocks.

1. 7<sup>th</sup> US Army HQ - Heidelberg, FRG - CENTAG HQ: 24 M577

a. 199<sup>th</sup> Infantry Brigade (Primarily known as the Berlin Brigade) - Berlin, GDR: 8 M577, 4 M113, 2 M88

- 1) 4 -502<sup>nd</sup> Infantry Battalion: 7 .50 Cal HMMWV, 6 M106, 12 M901, 14 M113, 8 M125, 42 Dragon
- 2) 5 -502<sup>nd</sup> Infantry Battalion: 7 .50 Cal HMMWV, 6 M106, 12 M901, 14 M113, 8 M125, 42 Dragon
- 3) 6 -502<sup>nd</sup> Infantry Battalion: 7 .50 Cal HMMWV, 6 M106, 12 M901, 14 M113, 8 M125, 42 Dragon
- 4) F Company, 40<sup>th</sup> Armor Battalion: 22 IPM1
- 5) C Battery, 94<sup>th</sup> Field Artillery Battalion: 8 M109A3
- 6) 42<sup>nd</sup> Engineer Company:

b. 3<sup>rd</sup> Brigade, 2nd Armored Division (Forward) - Garlstadt, FRG: assigned to NORTHAG during wartime

- 1) 2 -66<sup>th</sup> Armor Battalion: M1A1
- 2) 3 -66<sup>th</sup> Armor Battalion: M1A1
- 3) 1 -41<sup>st</sup> Mech Infantry Bn: M2
- 4) 4 -3<sup>rd</sup> Field Artillery Battalion: 24 M109A3
- 5) D Co, 17<sup>th</sup> Combat Engineer Battalion:
- 6) 1 Air Defense Battery: 9 Vulcan SP, 12 Stinger Missile

c. 32<sup>nd</sup> Air Defense Command - Darmstadt, FRG:

1) 10<sup>th</sup> Air Defense Artillery Brigade - Darmstadt, FRG:

- a) 1 -1<sup>st</sup> ADA Battalion - Wildflecken, FRG: 24 I-Hawk
- b) 2 -2<sup>nd</sup> ADA Battalion - Giessen, FRG: 24 I-Hawk
- c) 4 -3<sup>rd</sup> ADA Battalion - Giessen, FRG: 48 Patriot
- d) 2 -43<sup>rd</sup> ADA Battalion - Hanau, FRG: 48 Patriot

2) 69<sup>th</sup> Air Defense Artillery Brigade - Wurzburg, FRG:

- a) 3 -7<sup>th</sup> ADA Battalion - Schweinfurt, FRG: 24 I-Hawk
- b) 6 -52<sup>nd</sup> ADA Battalion - Wurzburg, FRG: 48 Patriot
- c) 2 -57<sup>th</sup> ADA Battalion - Ansbach, FRG: 48 Patriot
- d) 6 -1<sup>st</sup> ADA Battalion - Grafenwohr, FRG: 24 I-Hawk

3) 94<sup>th</sup> Air Defense Artillery Brigade - Kaiserslautern, FRG:

- a) 4 -1<sup>st</sup> ADA Battalion - Hanau, FRG: 24 I-Hawk
- b) 5 -1<sup>st</sup> ADA Battalion - Spangdahlem, FRG: 24 I-Hawk
- c) ? ADA Battalion - Bitburg, FRG: 48 Patriot
- d) ? ADA Battalion - Munich, FRG: 48 Patriot

4) 108<sup>th</sup> Air Defense Artillery Brigade - Spangdahlem, FRG:

- a) 6 -4<sup>th</sup> ADA Battalion - Spangdahlem, FRG: 36 Chaparral
- b) 7 -4<sup>th</sup> ADA Battalion - Mainz, FRG: 36 Chaparral
- c) 1 -5<sup>th</sup> ADA Battalion - Mannheim, FRG: 36 Chaparral

d. 56<sup>th</sup> Pershing II Brigade - Schwabisch-Gmund, FRG:

- 1) 1 -9<sup>th</sup> Field Artillery Battalion: 36 Pershing II
- 2) 2 -9<sup>th</sup> Field Artillery Battalion: 36 Pershing II
- 3) 4 -9<sup>th</sup> Field Artillery Battalion: 36 Pershing II
- 4) 2 -4<sup>th</sup> Infantry Battalion (Security):

**Note:** This brigade was in the process of being dismantled under the terms of the INF treaty. The three missile battalions were being converted into MLRS units (along with 2-32 FA (Lance)), while the 2-4<sup>th</sup> Infantry was designated to become a full-time opfor for units training in Germany.

e. 18<sup>th</sup> Engineer Brigade - Karlsruhe, FRG:

- 1) 79<sup>th</sup> Combat Engineer Battalion - Knielingen, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 2) 94<sup>th</sup> Combat Engineer Battalion - Darmstadt, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 3) 249<sup>th</sup> Combat Engineer Battalion - Knielingen, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 4) 293<sup>rd</sup> Combat Engineer Battalion - Baumholder, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)

f. 1-10<sup>th</sup> Special Forces Battalion - Bad Tolz, FRG:

- g. 3 -325<sup>th</sup> Parachute Infantry Battalion - Vincenza, Italy: 7 .50 Cal HMMWV, 4 4.2in mortar, 6 81mm mortar, 12 TOW HMMWV, 60 Dragon

h. 7<sup>th</sup> Support Command - Rheinberg, FRG:

2. V US Corps HQ - Frankfurt, FRG - assigned to CENTAG: 24 M577

a. 3<sup>rd</sup> Armored Division - Frankfurt-am-Main, FRG:

- 1) 1<sup>st</sup> Brigade - Kirchgoens, FRG:
  - a) 2 -32<sup>nd</sup> Armor Battalion: M1A1
  - b) 4 -32<sup>nd</sup> Armor Battalion: M1A1
  - c) 2 -36<sup>th</sup> Mech Infantry Battalion: M2
  - d) 3 -36<sup>th</sup> Mech Infantry Battalion: M2
- 2) 2nd Brigade - Gelnhausen, FRG:
  - a) 3 -8<sup>th</sup> Armored Cavalry Squadron: M1A1
  - b) 4 -8<sup>th</sup> Armored Cavalry Squadron: M1A1
  - c) 1 -48<sup>th</sup> Mech Infantry Battalion: M2
- 3) 3rd Brigade - Friedburg, FRG:
  - a) 2 -67<sup>th</sup> Armor Battalion: M1A1
  - b) 4 -67<sup>th</sup> Armor Battalion: M1A1
  - c) 1 -36<sup>th</sup> Mech Infantry Battalion: M2
- 4) 3<sup>rd</sup> Combat Aviation Brigade - Hanau, FRG:
  - a) 3<sup>rd</sup> Sqdn 12<sup>th</sup> Cavalry Regt - Bidingen, FRG: M3 CFV
  - b) 2 -227<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
  - c) 3 -227<sup>th</sup> Attack Helicopter Battalion: 18 AH64A, 13 OH58C, 3 UH60A
  - d) G Co/227<sup>th</sup> Aviation Regiment: 6 UH1H, 6 OH58A, 6 OH58D, 3 EH60
  - e) H Co/227<sup>th</sup> Aviation Regiment: 15 UH60A
- 5) 3<sup>rd</sup> AD Divarty - Hanau, FRG:
  - a) 2 -3<sup>rd</sup> Field Artillery Battalion - Butzbach, FRG: 24 M109A3
  - b) 2 -82<sup>nd</sup> Field Artillery Battalion - Gelnhausen, FRG: 24 M109A3
  - c) 4 -82<sup>nd</sup> Field Artillery Battalion - Friedburg, FRG: 24 M109A3
  - d) A Battery, 40<sup>th</sup> Field Artillery Regiment - Hanau, FRG: 9 MLRS
- 6) 3<sup>rd</sup> AD Discom - Hanau, FRG:
- 7) 23<sup>rd</sup> Engineer Battalion - Hanau, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 8) 3 -5<sup>th</sup> Air Defense Battalion - Bidingen, FRG: 24 Chaparral, 27 Vulcan SP, 72 Stinger
- 9) 533<sup>rd</sup> Military Intelligence Battalion (CEWI) - Frankfurt, FRG:
- 10) 503<sup>rd</sup> Military Police Company:
- 11) 22<sup>nd</sup> Chemical Company:

b. 8<sup>th</sup> Infantry Division (Mechanized) - Bad Kreuznach, FRG:

- 1) 1<sup>st</sup> Brigade - Gonsenheim, FRG:
    - a) 1 -68<sup>th</sup> Armor Battalion: M1A1
    - b) 4 -69<sup>th</sup> Armor Battalion: M1A1
    - c) 3 -8<sup>th</sup> Mech Infantry Battalion: M113
    - d) 5 -8<sup>th</sup> Mech Infantry Battalion: M113
  - 2) 2<sup>nd</sup> Brigade - Baumholder, FRG:
    - a) 2 -69<sup>th</sup> Armor Battalion: M1A1
    - b) 1 -13<sup>th</sup> Mech Infantry Battalion: M113
    - c) 1 -39<sup>th</sup> Mech Infantry Battalion: M113
  - 3) 3<sup>rd</sup> Brigade - Sandhofen, FRG:
    - a) 5 -68<sup>th</sup> Armor Battalion: M1A1
    - b) 5 -77<sup>th</sup> Armor Battalion: M60A3
    - c) 4 -8<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 8<sup>th</sup> Combat Aviation Brigade - Mainz-Finthen, FRG:
    - a) 3<sup>rd</sup> Squadron 7<sup>th</sup> Cavalry Regiment - Mannheim, FRG: M60A3
    - b) 2 -4<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
    - c) 3 -4<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
    - d) G Co/4<sup>th</sup> Aviation Regiment: 6 UH1H, 6 OH58A, 6 OH58D, 3 EH60
    - e) H Co/4<sup>th</sup> Aviation Regiment: 15 UH60A
  - 5) 8<sup>th</sup> ID Divarty - Baumholder, FRG:
    - a) 2 -29<sup>th</sup> Field Artillery Battalion: 24 M109A3
    - b) 4 -29<sup>th</sup> Field Artillery Battalion: 24 M109A3
    - c) 6 -29<sup>th</sup> Field Artillery Battalion: 24 M109A3
    - d) C Batty, 18<sup>th</sup> Field Artillery Regiment: 9 MLRS
  - 6) 8<sup>th</sup> ID Discom - Mainz, FRG:
  - 7) 12<sup>th</sup> Engineer Battalion - Dexheim, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 8) 1-59<sup>th</sup> Air Defense Battalion - Wachenheim, FRG: 24 Chaparral, 27 Vulcan SP, 72 Stinger
  - 9) 108<sup>th</sup> Military Intelligence Battalion - Bad Kreuch, FRG:
  - 10) 8<sup>th</sup> Military Police Company - Bad Kreuch, FRG:
  - 11) 25<sup>th</sup> Chemical Company:
- c. 11<sup>th</sup> Armored Cavalry Regiment - Fulda, FRG: 8 M577, 4 M113, 2 M88
- 1) 1, 2, 3 - 11<sup>th</sup> Armored Cavalry Sqdns: M1A1
  - 2) 4 -11<sup>th</sup> Air Cavalry Squadron: 26 AH1F, 27 OH58C, 3 EH60, 18 UH60A
  - 3) 58<sup>th</sup> Combat Engineer Company:
  - 4) 1 Air Defense Battery: 9 Vulcan SP, 12 Stinger Missile
- d. 12<sup>th</sup> Combat Aviation Brigade - Wiesbaden, FRG:
- 1) 2 -229<sup>th</sup> Attack Helicopter Battalion: 18 AH64, 13 OH58C, 3 UH60A
  - 2) 5 -6<sup>th</sup> Air Cavalry Squadron (Attack): 18 AH64, 13 OH58C, 3 UH60A
  - 3) Attack Helicopter Battalion (NG): 18 AH64, 13 OH58C, 3 UH60A
  - 4) 1 Aviation Battalion: 45 UH60A
  - 5) 1 Aviation Battalion: 32 CH47D
  - 6) 1 Aviation Battalion: 5 U21, 15 OH58A, 15 OH58D, 30 UH1H
- e. 41<sup>st</sup> Field Artillery Brigade - Babenhausen, FRG:
- 1) 2 -15<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 2) 4 -7<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 3) 4 -77<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 4) 1 -32<sup>nd</sup> Field Artillery Battalion: 27 MLRS
- f. 42<sup>nd</sup> Field Artillery Brigade - Giessen, FRG:
- 1) 5 -3<sup>rd</sup> Field Artillery Battalion: 24 M109A3
  - 2) 6 -82<sup>nd</sup> Field Artillery Battalion: 12 M110A2
  - 3) 2 -32<sup>nd</sup> Field Artillery Battalion: 12 M110A2



- 4) 1 -27<sup>th</sup> Field Artillery Battalion: 27 MLRS
- g. 130<sup>th</sup> Engineer Brigade - Hanau, FRG:
  - 1) 54<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 2) 317<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 3) 547<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 4) 549<sup>th</sup> Engineer Battalion (Bridge)
  - 5) 559<sup>th</sup> Engineer Battalion (Bridge)
- h. 18<sup>th</sup> Military Police Brigade - Frankfurt, FRG:
- i. 3<sup>rd</sup> Support Command: Wiesbaden, FRG
3. VII US Corps HQ - Stuttgart, FRG - assigned to CENTAG: 24 M577
  - a. 1<sup>st</sup> Armored Division - Ansbach, FRG:
    - 1) 1<sup>st</sup> Brigade - Vilseck, FRG:
      - a) 1 -13<sup>th</sup> Armor Battalion: M1A1
      - b) 1 -37<sup>th</sup> Armor Battalion: M1A1
      - c) 1 -6<sup>th</sup> Mech Infantry Battalion: M113
    - 2) 2<sup>nd</sup> Brigade - Erlangen, FRG:
      - a) 1 -35<sup>th</sup> Armor Battalion: M1A1
      - b) 2 -70<sup>th</sup> Armor Battalion: M1A1
      - c) 2 -81<sup>st</sup> Armor Battalion: M1A1
      - d) 2 -6<sup>th</sup> Mech Infantry Battalion: M113
    - 3) 3<sup>rd</sup> Brigade - Bamberg, FRG:
      - a) 3 -35<sup>th</sup> Armor Battalion: M1A1
      - b) 7 -6<sup>th</sup> Mech Infantry Battalion: M113
      - c) 1 -54<sup>th</sup> Mech Infantry Battalion: M113
    - 4) 4<sup>th</sup> Brigade (Aviation) - Katterbach, FRG:
      - a) 1<sup>st</sup> Squadron 1<sup>st</sup> Cavalry Regiment: Ansbach, FRG: M60A3
      - b) 2 -1<sup>st</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
      - c) 3 -1<sup>st</sup> Attack Helicopter Battalion: 18 AH64A, 13 OH58C, 3 UH60A
      - d) G Co/1<sup>st</sup> Aviation Regiment: 6 UH1H, 6 OH58A, 6 OH58D, 3 EH60
      - e) H Co/1<sup>st</sup> Aviation Regiment: 15 UH60A
    - 5) 1<sup>st</sup> AD Divarty - Zirndorf, FRG:
      - a) 2 -1<sup>st</sup> Field Artillery Battalion: 24 M109A3
      - b) 3 -1<sup>st</sup> Field Artillery Battalion: 24 M109A3
      - c) 6 -1<sup>st</sup> Field Artillery Battalion: 24 M109A3
      - d) A Battery, 94<sup>th</sup> Field Artillery Battalion: 9 MLRS
    - 6) 1<sup>st</sup> AD Discom - Furth, FRG:
    - 7) 16<sup>th</sup> Combat Engineer Battalion - Furth, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
    - 8) 2 -59<sup>th</sup> Air Defense Battalion - Schwabach, FRG: 24 Chaparral, 27 Vulcan SP, 72 Stinger
    - 9) 501<sup>st</sup> Military Intelligence Battalion (CEWI) - Ansbach, FRG:
    - 10) 501<sup>st</sup> Military Police Company - Katterbach, FRG:
    - 11) 69<sup>th</sup> Chemical Company - Katterbach, FRG:
  - b. 3<sup>rd</sup> Infantry Division (Mechanized) - Wurzburg, FRG:
    - 1) 1<sup>st</sup> Brigade - Schweinfurt, FRG:
      - a) 2 -64<sup>th</sup> Armor Battalion: M1A1
      - b) 3 -64<sup>th</sup> Armor Battalion: M1A1
      - c) 1 -30<sup>th</sup> Mech Infantry Battalion: M2
      - d) 2 -30<sup>th</sup> Mech Infantry Battalion: M2
    - 2) 2<sup>nd</sup> Brigade - Kitzingen, FRG:
      - a) 3 -63<sup>rd</sup> Armor Battalion: M1A1
      - b) 1 -64<sup>th</sup> Armor Battalion: M1A1
      - c) 1 -15<sup>th</sup> Mech Infantry Battalion: M2

- 3) 3<sup>rd</sup> Brigade - Aschaffenburg, FRG:
    - a) 4 -68<sup>th</sup> Armor Battalion: M1A1
    - b) 1 -7<sup>th</sup> Mech Infantry Battalion: M2
    - c) 4 -7<sup>th</sup> Mech Infantry Battalion: M2
  - 4) 4th Brigade (Aviation) - Giebelstadt, FRG:
    - a) 4<sup>th</sup> Squadron 4<sup>th</sup> Cavalry Regiment - Schweinfurt, FRG: M3 CFV
    - b) 2 -3<sup>rd</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
    - c) 3 -3<sup>rd</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH60A
    - d) G Co/3<sup>rd</sup> Aviation Regiment: 6 UH1H, 6 OH58A, 6 OH58D, 3 EH60
    - e) H Co/3<sup>rd</sup> Aviation Regiment: 15 UH-60A
  - 5) 3<sup>rd</sup> ID Divarty - Kitzingen, FRG:
    - a) 2 -41<sup>st</sup> Field Artillery Battalion: 24 M109A3
    - b) 5 -41<sup>st</sup> Field Artillery Battalion: 24 M109A3
    - c) 6 -41<sup>st</sup> Field Artillery Battalion: 24 M109A3
    - d) A Battery, 76<sup>th</sup> Field Artillery Regiment: 9 MLRS
  - 6) 3<sup>rd</sup> ID Discom - Wurzburg, FRG:
  - 7) 10<sup>th</sup> Combat Engineer Battalion -Kitzingen, FRG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - 8) 4 -3<sup>rd</sup> Air Defense Battalion - Wurzburg, FRG: 24 Chaparral, 27 Vulcan SP, 72 Stinger
  - 9) 103<sup>rd</sup> Military Intelligence Battalion - Wurzburg, FRG:
  - 10) 3<sup>rd</sup> Military Police Company - Wurzburg, FRG:
  - 11) 92<sup>nd</sup> Chemical Company - Wurzburg, FRG:
- c. 3<sup>rd</sup> Brigade, 1st Infantry Division (Forward) - Goppingen, FRG:
- 1) 3 -34<sup>th</sup> Armor Battalion: M1A1
  - 2) 1 -16<sup>th</sup> Mech Infantry Battalion: M113
  - 3) 4 -16<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 2 -5<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 5) D Co, 1<sup>st</sup> Combat Engineer Battalion:
  - 6) 1 Air Defense Battery: 9 Vulcan SP, 12 Stinger Missile
- d. 2<sup>nd</sup> Armored Cavalry Regiment - Nurnburg, FRG:
- 1) 1, 2, 3 - 2<sup>nd</sup> Armored Cavalry Sqdns: M1A1
  - 2) 4 -2<sup>nd</sup> Air Cavalry Squadron: 12 AH64A, 12 AH1F, 27 OH58C, 3 EH60, 18 UH60A
  - 3) 84<sup>th</sup> Combat Engineer Company:
  - 4) 1 Air Defense Battery: 9 Vulcan SP, 12 Stinger Missile
- e. 11<sup>th</sup> Combat Aviation Brigade - Illesheim, FRG:
- 1) 4 -229<sup>th</sup> Attack Helicopter Battalion: 18 AH64, 13 OH58C, 3 UH60A
  - 2) 2 -6<sup>th</sup> Air Cavalry Squadron (Attack): 18 AH64, 13 OH58C, 3 UH60A
  - 3) Attack Helicopter Battalion (NG): 18 AH64, 13 OH58C, 3 UH60A
  - 4) 1 Aviation Battalion: 45 UH60A
  - 5) 1 Aviation Battalion: 32 CH47D
  - 6) 1 Aviation Battalion: 5 U21, 15 OH58A, 15 OH58D, 30 UH1H
- f. 17<sup>th</sup> Field Artillery Brigade - Augsburg, FRG:
- 1) 5 -17<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 2) 1 -6<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 3) 6 -17<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 4) 4 -12<sup>th</sup> Field Artillery Battalion: 27 MLRS
- g. 72<sup>nd</sup> Field Artillery Brigade - Wertheim, FRG:
- 1) 6 -5<sup>th</sup> Field Artillery Battalion: 24 M109A3
  - 2) 6 -10<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 3) 4 -13<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - 4) 3 -12<sup>th</sup> Field Artillery Battalion: 27 MLRS

h. 210<sup>th</sup> Field Artillery Brigade - Herzogenaurach, FRG:

- 1) 3 -17<sup>th</sup> Field Artillery Battalion: 24 M109A3
- 2) 3 -5<sup>th</sup> Field Artillery Battalion: 12 M110A2
- 3) 7 -41<sup>st</sup> Field Artillery Battalion: 12 M110A2
- 4) 4 -27<sup>th</sup> Field Artillery Battalion: 27 MLRS

i. 7<sup>th</sup> Engineer Brigade - Kornwestheim, FRG:

- 1) 9<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 2) 78<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 3) 82<sup>nd</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 4) 237<sup>th</sup> Combat Engineer Battalion: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- 5) 563<sup>rd</sup> Engineer Battalion (Bridge):
- 6) 565<sup>th</sup> Engineer Battalion (Bridge):

j. 14<sup>th</sup> Military Police Brigade - Ludwigsburg, FRG:

l. 2<sup>nd</sup> Support Command - Nellingen, FRG:

### US ARMY - PACIFIC

1. US Army Pacific HQ - Ft Shafter, HI:

a. 6<sup>th</sup> Infantry Division (Light) - Ft Richardson, Alaska:

- 1) 1<sup>st</sup> Brigade - Ft Richardson, AK:
  - a) 1 -17<sup>th</sup> Light Infantry Battalion:
  - b) 2 -17<sup>th</sup> Light Infantry Battalion:
- 2) 2<sup>nd</sup> Brigade - Ft Wainright, AK:
  - a) 4 -9<sup>th</sup> Light Infantry Battalion:
  - b) 5 -9<sup>th</sup> Light Infantry Battalion:
- 3) 205<sup>th</sup> Light Infantry Brigade - Ft Snelling, Minnesota: US Army Reserve round-out unit
  - a) 3 -3<sup>rd</sup> Light Infantry Battalion:
  - b) 1 -409<sup>th</sup> Light Infantry Battalion:
  - c) 1 -410<sup>th</sup> Light Infantry Battalion:
- 4) 6<sup>th</sup> Combat Aviation Brigade - Ft Wainright, AK:
  - a) 4<sup>th</sup> Squadron, 9<sup>th</sup> Cavalry Regiment:
  - b) NG Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
  - c) F Co/123<sup>rd</sup> Aviation Regiment: 15 UH1H
  - d) G Co/123<sup>rd</sup> Aviation Regiment: 15 UH1H
- 5) 6<sup>th</sup> ID Divarty:
  - a) 4 -11<sup>th</sup> Field Artillery Battalion: 18 M101
  - b) 5 -11<sup>th</sup> Field Artillery Battalion: 18 M101
  - c) 3 -14<sup>th</sup> USAR Field Artillery Battalion: 18 M101
- 6) 6<sup>th</sup> ID Discom:
- 7) 90<sup>th</sup> Combat Engineer Battalion: 18 SEE, 6 ACE
- 8) 1 -188<sup>th</sup> USAR Air Defense Battalion: 18 Towed Vulcan, 40 Stinger
- 9) 106<sup>th</sup> Military Intelligence Battalion (CEWI):
- 10) 6<sup>th</sup> Military Police Company:

Note: Division also had 5-297<sup>th</sup> Light Infantry Battalion (Alaska National Guard), but 2 battalions were cut due to budgetary constraints in 1988, leaving 1<sup>st</sup> & 2<sup>nd</sup> Brigade short 1 battalion.

b. 25<sup>th</sup> Infantry Division (Light) - Schofield Barracks, HI:

- 1) 1<sup>st</sup> Brigade:
  - a) 1 -14<sup>th</sup> Light Infantry Battalion:

- b) 1 -27<sup>th</sup> Light Infantry Battalion:
- c) 4 -27<sup>th</sup> Light Infantry Battalion:
- 2) 2<sup>nd</sup> Brigade:
  - a) 5 -14<sup>th</sup> Light Infantry Battalion:
  - b) 1 -21<sup>st</sup> Light Infantry Battalion:
  - c) 3 -21<sup>st</sup> Light Infantry Battalion:
- 3) 3<sup>rd</sup> Brigade:
  - a) 3 -22<sup>nd</sup> Light Infantry Battalion:
  - b) 4 -22<sup>nd</sup> Light Infantry Battalion:
  - c) 4 -87<sup>th</sup> Light Infantry Battalion:
- 4) 25<sup>th</sup> Combat Aviation Brigade:
  - a) 3<sup>rd</sup> Squadron, 4<sup>th</sup> Cavalry Regiment:
  - b) 1 -25<sup>th</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
  - c) 4 -25<sup>th</sup> Aviation Battalion: 6 UH1H, 6 OH58A, 6 OH58D, 3 EH60
  - d) F Co/25<sup>th</sup> Aviation Regiment: 15 UH60A
- 5) 25<sup>th</sup> ID Divarty:
  - a) 3 -7<sup>th</sup> Field Artillery Battalion: 18 M101
  - b) 7 -8<sup>th</sup> Field Artillery Battalion: 18 M101
  - c) 2 -11<sup>th</sup> Field Artillery Battalion: 18 M101
  - d) F Battery 7<sup>th</sup> Field Artillery Regiment: 8 M198
- 6) 25<sup>th</sup> ID Discom:
- 7) 65<sup>th</sup> Combat Engineer Battalion: 18 SEE, 6 ACE
- 8) 1-62<sup>nd</sup> Air Defense Battalion: 18 Towed Vulcan, 40 Stinger
- 9) 125<sup>th</sup> Military Intelligence Battalion (CEWI):
- 10) 25<sup>th</sup> Military Police Company:

#### **US ARMY - JAPAN**

- 1. IX US Corps HQ - Camp Zama, Japan:

#### **US ARMY - KOREA**

- 1. Eighth US Army HQ - Seoul, South Korea:
  - a. 2<sup>nd</sup> Infantry Division - Tongduchon, South Korea: The HQ was based at Camp Casey
    - 1) 1<sup>st</sup> Brigade - Camp Casey, S Korea:
      - a) 1 -72<sup>nd</sup> Armor Battalion: M60A3
      - b) 5 -20<sup>th</sup> Mech Infantry Battalion: M113
    - 2) 2<sup>nd</sup> Brigade - Camp Hovey, S Korea:
      - a) 2 -72<sup>nd</sup> Armor Battalion: M60A3
      - b) 1 -5<sup>th</sup> Mech Infantry Battalion: M113
    - 3) 3<sup>rd</sup> Brigade - Camp Howze, S Korea:
      - a) 1 -503<sup>rd</sup> Infantry Battalion:
      - b) 2 -503<sup>rd</sup> Infantry Battalion:
      - c) 1 -506<sup>th</sup> Infantry Battalion:
    - 4) 4<sup>th</sup> Brigade (Aviation) - Camp Stanley, S Korea:
      - a) 5<sup>th</sup> Squadron, 17<sup>th</sup> Cavalry Regiment - Camp Gary Owen, S Korea:
      - b) 1 -2<sup>nd</sup> Attack Helicopter Battalion: 21 AH1F, 13 OH58C, 3 UH1H
      - c) 2 -2<sup>nd</sup> Aviation Battalion: 15 UH60A, 6 UH1H, 6 OH58D, 3 EH60
    - 5) 2<sup>nd</sup> ID Divarty - Camp Stanley, S Korea:
      - a) 1 -4<sup>th</sup> Field Artillery Battalion: 24 M109A3
      - b) 8 -8<sup>th</sup> Field Artillery Battalion: 24 M109A3
      - c) 1 -15<sup>th</sup> Field Artillery Battalion: 24 M109A3
      - d) 6 -37<sup>th</sup> Field Artillery Battalion: 12 M110A2, 9 MLRS
    - 6) 2<sup>nd</sup> ID Discom - Camp Casey, S Korea:
    - 7) 2<sup>nd</sup> Combat Engineer Battalion - Camp Castle, S Korea:
    - 8) 5 -5<sup>th</sup> Air Defense Battalion - Camp Pelham, S Korea: 27 Vulcan SP, 60 Stinger
    - 9) 102<sup>nd</sup> Military Intelligence Battalion (CEWI) - Camp Hovey, S Korea:

- 10) 2<sup>nd</sup> Military Police Company - Camp Casey, S Korea:
- 11) 4<sup>th</sup> Chemical Company - Camp Casey, S Korea:
- b. 17<sup>th</sup> Aviation Brigade - Camp Humphries, South Korea:
  - 1) Attack Helicopter Battalion - Camp Page, S Korea: 21 AH1F, 13 OH58C, 3 UH1H
  - 2) Attack Helicopter Battalion - Camp Eagle, Wonju, S Korea: 21 AH1F, 13 OH58C, 3 UH1H
  - 3) Aviation Battalion - Camp Humphries, S Korea: 24 CH-47D
- c. 8<sup>th</sup> Military Police Brigade - Seoul, South Korea:
- d. 19<sup>th</sup> Support Command - Taegu, South Korea:

### **US ARMY - SOUTH**

- 1. SOUTHCOM HQ - Ft Clayton, Panama:
  - a. 193<sup>rd</sup> Infantry Brigade - Ft Clayton, Panama:
    - 1) 5 -87<sup>th</sup> Light Infantry Battalion:
    - 2) 1 -508<sup>th</sup> Parachute Infantry Battalion:
    - 3) D Battery, 320<sup>th</sup> Field Artillery Regiment: 6 M101

### **US ARMY NATIONAL GUARD**

**Note:** The US Army National Guard had various levels of readiness with many of the units equipped with first line equipment such as M1 tanks and AH64 Apache helicopters. The roundout Brigades and Battalions assigned to an active duty unit had a 30 day mobilization requirement and were equipped similarly to their active duty counterpart. The 49<sup>th</sup> and 50<sup>th</sup> Armored, 35<sup>th</sup> and 40<sup>th</sup> Mech, and 29<sup>th</sup> Light Infantry National Guard Divisions along with several of the separate brigades had wartime contingencies in support of NATO and were organized under the Division 86 TO&E. The remaining National Guard units were still task organized under the former ROAD TO&E. Most of the separate Brigades were Divisions at one time and could easily reform with other Guard units to bring up to Divisional strength.

- 1. 26<sup>th</sup> Infantry Division - MA, CT, VT and RI NG - Boston, MA:
  - a. 3<sup>rd</sup> Massachusetts Infantry Brigade:
    - 1) 1 -101<sup>st</sup> Mech Infantry Battalion: M113
    - 2) 1 -104<sup>th</sup> Infantry Battalion:
    - 3) 2 -104<sup>th</sup> Infantry Battalion:
    - 4) 1 -181<sup>st</sup> Infantry Battalion:
    - 5) 1 -182<sup>nd</sup> Infantry Battalion:
  - b. 43<sup>rd</sup> Connecticut Infantry Brigade:
    - 1) 1 -102<sup>nd</sup> Infantry Battalion:
    - 2) 2 -102<sup>nd</sup> Infantry Battalion:
    - 3) 1 -169<sup>th</sup> Infantry Battalion:
  - c. 86<sup>th</sup> Vermont Infantry Brigade:
    - 1) 1 -172<sup>nd</sup> Armor Battalion: M60A1
    - 2) 2 -172<sup>nd</sup> Armor Battalion: M60A1
  - d. 26<sup>th</sup> Aviation Brigade - MA NG:
    - 1) 1<sup>st</sup> Sqdn, 110<sup>th</sup> Cavalry Regt - MA NG:
    - 2) 1 -126<sup>th</sup> Attack Helicopter Battalion - RI NG: 21 AH1S, 13 OH58A, 3 UH1H
    - 3) D Co -126<sup>th</sup> Aviation Battalion - MA NG: 15 UH1H
  - e. 26<sup>th</sup> ID Divarty - MA NG:
    - 1) 1 -86<sup>th</sup> Field Artillery Battalion - VT NG: 24 M109A1
    - 2) 1 -101<sup>st</sup> Field Artillery Battalion - MA NG: 24 155mm Towed Howitzers
    - 3) 2 -192<sup>nd</sup> Field Artillery Battalion - CT NG: 18 155mm Towed Howitzers

- 4) 1 -211<sup>th</sup> Field Artillery Battalion - MA NG: 12 M110
  - f. 26<sup>th</sup> ID Discom - MA NG:
  - g. 101<sup>st</sup> Combat Engineer Battalion - MA NG:
  - h. 2 -263<sup>rd</sup> Air Defense Battalion - SC NG: Duster, Stinger
  - i. 126<sup>th</sup> Military Intelligence Battalion (CEWI) - CT NG:
  - j. 26<sup>th</sup> Military Police Company - MA NG:
  - k. 272<sup>nd</sup> Chemical Company - MA NG:
2. 28<sup>th</sup> Infantry Division - PA and VA NG - Harrisburg, PA:
- a. 2<sup>nd</sup> Pennsylvania Infantry Brigade:
    - 1) 1 -103<sup>rd</sup> Armor Battalion: M60A1
    - 2) 1 -109<sup>th</sup> Mech Infantry Battalion: M113:
    - 3) 2 -109<sup>th</sup> Infantry Battalion:
  - b. 55<sup>th</sup> Pennsylvania Infantry Brigade:
    - 1) 3 -109<sup>th</sup> Infantry Battalion:
    - 2) 1 -110<sup>th</sup> Infantry Battalion:
    - 3) 2 -110<sup>th</sup> Infantry Battalion:
  - c. 56<sup>th</sup> Pennsylvania Infantry Brigade:
    - 1) 1 -111<sup>th</sup> Infantry Battalion:
    - 2) 2 -111<sup>th</sup> Infantry Battalion:
    - 3) 1 -112<sup>th</sup> Infantry Battalion:
  - d. 28<sup>th</sup> Aviation Brigade - PA NG:
    - 1) 1<sup>st</sup> Sqdn, 104<sup>th</sup> Cavalry Regt - PA NG:
    - 2) 1 -104<sup>th</sup> Attack Helicopter Battalion - PA NG: 21 AH1S, 13 OH58A, 3 UH1H
    - 3) D Co -104<sup>th</sup> Aviation Battalion - VA NG: 15 UH1H
  - e. 28<sup>th</sup> ID Divarty - PA NG:
    - 1) 1 -107<sup>th</sup> Field Artillery Battalion: 18 M101
    - 2) 1 -108<sup>th</sup> Field Artillery Battalion : 18 M101
    - 3) 2 -129<sup>th</sup> Field Artillery Battalion: 18 M101
    - 4) 1 -109<sup>th</sup> Field Artillery Battalion: 18 155mm Towed Howitzers, 4 M110
  - f. 28<sup>th</sup> ID Discom - PA NG:
  - g. 103<sup>rd</sup> Combat Engineer Battalion - PA NG:
  - h. 3 -111<sup>th</sup> Air Defense Battalion - PA NG: Duster, Stinger
  - i. 128<sup>th</sup> Military Intelligence Battalion (CEWI) - PA NG:
  - j. 28<sup>th</sup> Military Police Company - PA NG:
  - k. 128<sup>th</sup> Chemical Company - PA NG:
3. 29<sup>th</sup> Infantry Division (Light) - MD and VA NG - Ft Belvoir, VA: NATO mission
- a. 1<sup>st</sup> Virginia Infantry Brigade:
    - 1) 1 -116<sup>th</sup> Light Infantry Battalion:
    - 2) 2 -116<sup>th</sup> Light Infantry Battalion:
    - 3) 3 -116<sup>th</sup> Light Infantry Battalion:
  - b. 2<sup>nd</sup> Virginia Infantry Brigade:
    - 1) 1 -170<sup>th</sup> Light Infantry Battalion:
    - 2) 1 -183<sup>rd</sup> Light Infantry Battalion:
  - c. 3<sup>rd</sup> Maryland Infantry Brigade:
    - 1) 1 -115<sup>th</sup> Light Infantry Battalion:
    - 2) 2 -115<sup>th</sup> Light Infantry Battalion:
    - 3) 1 -175<sup>th</sup> Light Infantry Battalion:
    - 4) 2 -115<sup>th</sup> Light Infantry Battalion:
  - d. 29<sup>th</sup> Aviation Brigade - VA NG:
    - 1) 1<sup>st</sup> Squadron, 158<sup>th</sup> Cavalry Regiment: 12 OH58A, 8 AH1E, 1 UH60A, 12 .50 Cal HMMWV, 6 TOW HMMWV
    - 2) 1 -224<sup>th</sup> Attack Helicopter Battalion: 21 AH1E, 13 OH58A, 3 UH1H
    - 3) D Co/224<sup>th</sup> Aviation Regiment: 15 UH60A
    - 4) E Co/224<sup>th</sup> Aviation Regiment: 15 UH1H
  - e. 29<sup>th</sup> ID Divarty - VA NG:
    - 1) 2 -110<sup>th</sup> Field Artillery Battalion - MD NG: 18 M101
    - 2) 2 -111<sup>th</sup> Field Artillery Battalion - VA NG: 18 M101

- 3) 1 -146<sup>th</sup> Field Artillery Battalion - VA NG: 18 M101
  - 4) E Battery 111<sup>th</sup> Field Artillery Regiment - VA NG: 8 M198
  - f. 29<sup>th</sup> ID Discom - MD NG:
  - g. 229<sup>th</sup> Combat Engineer Battalion - VA NG: 18 SEE, 6 ACE
  - h. 29<sup>th</sup> Air Defense Battalion - VA NG: 18 Towed Vulcan, 40 Stinger
  - i. 629<sup>th</sup> Military Intelligence Battalion (CEWI) - MD NG:
  - j. 29<sup>th</sup> Military Police Company - MD NG:
4. 35<sup>th</sup> Infantry Division (Mech) - KS, KY, NE, CO, and NM NG - Ft Leavenworth, KS: 24 M577 - NATO mission
- a. 67<sup>th</sup> Nebraska Infantry Brigade:
    - 1) 1 -195<sup>th</sup> Armor Battalion: M60A1
    - 2) 1 -134<sup>th</sup> Mech Infantry Battalion: M113
    - 3) 2 -134<sup>th</sup> Mech Infantry Battalion: M113
  - b. 69<sup>th</sup> Kansas Infantry Brigade:
    - 1) 1 -635<sup>th</sup> Armor Battalion: M60A1
    - 2) 2 -635<sup>th</sup> Armor Battalion: M60A1
    - 3) 1 -137<sup>th</sup> Mech Infantry Battalion: M113
    - 4) 2 -137<sup>th</sup> Mech Infantry Battalion: M113
  - c. 149<sup>th</sup> Kentucky Armor Brigade:
    - 1) 1 -123<sup>rd</sup> Armor Battalion: M60A3
    - 2) 2 -123<sup>rd</sup> Armor Battalion: M60A3
    - 3) 1 -149<sup>th</sup> Mech Infantry Battalion: M113
  - d. 35<sup>th</sup> Aviation Brigade - KY NG:
    - 1) 1 -135<sup>th</sup> Attack Helicopter Battalion - MO NG: 21 AH1E, 13 OH58A, 3 UH1H
    - 2) 2 -135<sup>th</sup> Attack Helicopter Battalion - CO NG: 21 AH1S, 13 OH58A, 3 UH1H
    - 3) D Co/135<sup>th</sup> Aviation Regiment - KS NG: 15 UH1H
    - 4) E Co/135<sup>th</sup> Aviation Regiment - KY NG: 15 UH60A
    - 5) 1<sup>st</sup> Sqdn, 167<sup>th</sup> Cavalry Regt - NE NG: 19 M60A3, 32 M113, 4 M577, 4 M106, 24 Dragon, 12 AH1S, 18 OH58A
  - e. 35<sup>th</sup> Divarty - KS NG:
    - 1) 1 -127<sup>th</sup> Field Artillery Battalion - KS NG: 18 M109A2
    - 2) 2 -138<sup>th</sup> Field Artillery Battalion - KY NG: 18 M109A2
    - 3) 1 -168<sup>th</sup> Field Artillery Battalion - NE NG: 18 M109A2
    - 4) 1 -161<sup>st</sup> Field Artillery Battalion - KS NG: 12 M110A2
  - f. 35<sup>th</sup> ID Discom - KS NG:
  - g. 206<sup>th</sup> Combat Engineer Battalion - KY NG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - h. 2 -200<sup>th</sup> Air Defense Battalion - NM NG: 12 Chaparral, 27 Vulcan SP, 60 Stinger
  - i. 135<sup>th</sup> Military Intelligence Battalion (CEWI) - KS NG:
  - j. 35<sup>th</sup> Military Police Company - KS NG:
  - k. 141<sup>st</sup> Chemical Company - KY NG:
5. 38<sup>th</sup> Infantry Division - IN, IL, and MI NG - Indianapolis, IN:
- a. 2<sup>nd</sup> Indiana Infantry Brigade:
    - 1) 1 -151<sup>st</sup> Infantry Battalion:
    - 2) 2 -151<sup>st</sup> Infantry Battalion:
    - 3) 1 -152<sup>nd</sup> Infantry Battalion:
  - b. 46<sup>th</sup> Michigan Infantry Brigade:
    - 1) 1 -246<sup>th</sup> Armor Battalion: M60A1
    - 2) 1 -125<sup>th</sup> Infantry Battalion:
    - 3) 3 -126<sup>th</sup> Infantry Battalion:
    - 4) 1 -225<sup>th</sup> Infantry Battalion:
  - c. 76<sup>th</sup> Indiana Infantry Brigade:
    - 1) 2 -152<sup>nd</sup> Mech Infantry Battalion: M113
    - 2) 1 -293<sup>rd</sup> Infantry Battalion:
    - 3) 2 -293<sup>rd</sup> Infantry Battalion:
  - d. 38<sup>th</sup> Aviation Brigade - IN NG:
    - 1) 1 -238<sup>th</sup> Attack Helicopter Battalion - MI NG: 21 AH1E, 13 OH58A, 3 UH1H
    - 2) D Co/238<sup>th</sup> Aviation Regiment - IN NG: 15 UH1H
    - 3) E Co/238<sup>th</sup> Aviation Regiment - MI NG: 15 UH1H

- 4) 1<sup>st</sup> Sqdn, 238<sup>th</sup> Cavalry Regt - IN NG:
  - e. 38<sup>th</sup> Divarty - IN NG:
    - 1) 1 -119<sup>th</sup> Field Artillery Battalion - MI NG: 18 M101
    - 2) 3 -139<sup>th</sup> Field Artillery Battalion - IN NG: 18 M101
    - 3) 1 -163<sup>rd</sup> Field Artillery Battalion - IN NG: 18 M101
    - 4) 2 -150<sup>th</sup> Field Artillery Battalion - IN NG: 18 155mm Towed Howitzers, 4 M110
  - f. 38<sup>th</sup> ID Discom - In NG:
  - g. 113<sup>th</sup> Combat Engineer Battalion - IN NG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - h. 1 -138<sup>th</sup> Air Defense Battalion - IN NG: 60 Stinger
  - i. 138<sup>th</sup> Military Intelligence Battalion (CEWI) - IL NG:
  - j. 38<sup>th</sup> Military Police Company - IN NG:
  - k. 438<sup>th</sup> Chemical Company - IN NG:
6. 40<sup>th</sup> Infantry Division (Mech) - CA, NM, and NV NG - Los Alamitos, CA: NATO mission
- a. 1<sup>st</sup> California Infantry Brigade:
    - 1) 1 -149<sup>th</sup> Armor Battalion: M60A3
    - 2) 2 -159<sup>th</sup> Mech Infantry Battalion: M113
    - 3) 1 -184<sup>th</sup> Mech Infantry Battalion: M113
  - b. 2<sup>nd</sup> California Infantry Brigade:
    - 1) 1 -185<sup>th</sup> Armor Battalion: M60A3
    - 2) 2 -185<sup>th</sup> Armor Battalion: M60A3
    - 3) 2 -160<sup>th</sup> Mech Infantry Battalion: M113
    - 4) 3 -160<sup>th</sup> Mech Infantry Battalion: M113
  - c. 3<sup>rd</sup> California Infantry Brigade:
    - 1) 3 -185<sup>th</sup> Armor Battalion: M60A3
    - 2) 1 -221<sup>st</sup> Armor Battalion - NV NG: M60A3
    - 3) 4 -160<sup>th</sup> Mech Infantry Battalion: M113
  - d. 40<sup>th</sup> Aviation Brigade - CA NG:
    - 1) 1 -140th Attack Helicopter Battalion: 21 AH1E, 13 OH58A, 3 UH1H
    - 2) D Co/140<sup>th</sup> Aviation Regiment: 15 UH1H
    - 3) E Co/140<sup>th</sup> Aviation Regiment: 15 UH1H
    - 4) 1<sup>st</sup> Sqdn, 18<sup>th</sup> Cavalry Regt: 19 M60A3, 32 M113, 4 M577, 4 M106, 24 Dragon, 12 AH1S, 18 OH58A, 1 UH1H
  - e. 40<sup>th</sup> Divarty - CA NG:
    - 1) 1 -143<sup>rd</sup> Field Artillery Battalion: 18 M109A2
    - 2) 2 -144<sup>th</sup> Field Artillery Battalion: 18 M109A2
    - 3) 3 -144<sup>th</sup> Field Artillery Battalion: 18 M109A2
    - 4) 1 -144<sup>th</sup> Field Artillery Battalion: 12 M110A2
  - f. 40<sup>th</sup> ID Discom - CA NG:
  - g. 132<sup>nd</sup> Combat Engineer Battalion - CA NG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - h. 4 -200<sup>th</sup> Air Defense Battalion - NM NG: 12 Chaparral, 27 Vulcan SP, 60 Stinger
  - i. 140<sup>th</sup> Military Intelligence Battalion (CEWI) - CA NG:
  - j. 40<sup>th</sup> Military Police Company - CA NG:
  - k. 140<sup>th</sup> Chemical Company - CA NG:
7. 42<sup>nd</sup> Infantry Division - NY and FL NG - New York, NY:
- a. 1<sup>st</sup> New York Infantry Brigade:
    - 1) 1 -227<sup>th</sup> Armor Battalion: M48A5
    - 2) 1 -69<sup>th</sup> Infantry Battalion:
    - 3) 1 -71<sup>st</sup> Infantry Battalion:
  - b. 2<sup>nd</sup> New York Infantry Brigade:
    - 1) 1 -210<sup>th</sup> Armor Battalion: M60A3
    - 2) 1 -108<sup>th</sup> Mech Infantry Battalion: M113
    - 3) 1 -174<sup>th</sup> Infantry Battalion:
    - 4) 2 -174<sup>th</sup> Infantry Battalion:
  - c. 3<sup>rd</sup> New York Infantry Brigade:
    - 1) 2 -210<sup>th</sup> Armor Battalion: M48A5
    - 2) 2 -105<sup>th</sup> Infantry Battalion:
    - 3) 1 -107<sup>th</sup> Infantry Battalion:



- d. 42<sup>nd</sup> Aviation Brigade - NY NG:
    - 1) 1 -142<sup>nd</sup> Attack Helicopter Battalion: 21 AH1S, 13 OH58A, 3 UH1H
    - 2) D Co/142<sup>nd</sup> Aviation Regiment: 15 UH1H
    - 3) E Co/142<sup>nd</sup> Aviation Regiment: 15 UH1H
    - 4) 1<sup>st</sup> Sqdn, 101<sup>st</sup> Cavalry Regt: M48A5, M113
  - e. 42<sup>nd</sup> Divarty - NY NG:
    - 1) 2 -104<sup>th</sup> Field Artillery Battalion: 18 M101
    - 2) 1 -187<sup>th</sup> Field Artillery Battalion: 18 M101
    - 3) 1 -258<sup>th</sup> Field Artillery Battalion: 18 155mm Towed Howitzers
    - 4) 1 -209<sup>th</sup> Field Artillery Battalion: 12 M110
  - f. 42<sup>nd</sup> ID Discom - NY NG:
  - g. 102<sup>nd</sup> Combat Engineer Battalion - NY NG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - h. 1 -265<sup>th</sup> Air Defense Battalion - FL NG: 12 Chaparral, 27 Vulcan SP, 60 Stinger
  - i. 242<sup>nd</sup> Military Intelligence Battalion (CEWI) - NY NG:
  - j. 42<sup>nd</sup> Military Police Company - NY NG:
  - k. 42<sup>nd</sup> Chemical Company - NY NG:
8. 47<sup>th</sup> Infantry Division - MN, IA, IL, and WI NG - St. Paul, MN:
- a. 1<sup>st</sup> Minnesota Infantry Brigade:
    - 1) 1 -94<sup>th</sup> Armor Battalion: M48A5
    - 2) 1 -135<sup>th</sup> Infantry Battalion:
    - 3) 2 -135<sup>th</sup> Infantry Battalion:
    - 4) 1 -136<sup>th</sup> Infantry Battalion:
  - b. 34<sup>th</sup> Iowa Infantry Brigade:
    - 1) 1 -133<sup>rd</sup> Infantry Battalion:
    - 2) 2 -133<sup>rd</sup> Mech Infantry Battalion: M113
    - 3) 1 -168<sup>th</sup> Infantry Battalion:
  - c. 66<sup>th</sup> Illinois Infantry Brigade:
    - 1) 1 -123<sup>rd</sup> Infantry Battalion:
    - 2) 2 -130<sup>th</sup> Infantry Battalion:
    - 3) 3 -130<sup>th</sup> Infantry Battalion:
  - d. 47<sup>th</sup> Aviation Brigade - MN NG:
    - 1) 1 -147<sup>th</sup> Attack Helicopter Battalion - WI NG: 21 AH1S, 13 OH58A, 3 UH1H
    - 2) D Co/147<sup>th</sup> Aviation Regiment - MN NG: 15 UH1H
    - 3) E Co/147<sup>th</sup> Aviation Regiment - IA NG: 15 UH1H
    - 4) 1<sup>st</sup> Sqdn, 194<sup>th</sup> Cavalry Regt - MN NG: M48A5, M113
  - e. 47<sup>th</sup> Divarty - MN NG:
    - 1) 2 -123<sup>rd</sup> Field Artillery Battalion - IL NG: 18 M101
    - 2) 2 -138<sup>th</sup> Field Artillery Battalion - MN NG: 18 M101
    - 3) 1 -168<sup>th</sup> Field Artillery Battalion - IA NG: 18 M101
    - 4) 1 -161<sup>st</sup> Field Artillery Battalion - MN NG: 18 155mm Towed Howitzers, 4 M110
  - f. 47<sup>th</sup> ID Discom - MN NG:
  - g. 682<sup>nd</sup> Combat Engineer Battalion - MN NG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
  - h. 1 -202<sup>nd</sup> Air Defense Battalion - IL NG: 60 Stinger
  - i. 147<sup>th</sup> Military Intelligence Battalion (CEWI) - MN NG:
  - j. 47<sup>th</sup> Military Police Company - MN NG:
  - k. 47<sup>th</sup> Chemical Company - MN NG:
9. 49<sup>th</sup> Armored Division - TX and NM NG - Austin, TX: 24 M577 - NATO mission
- a. 1<sup>st</sup> Texas Armor Brigade:
    - 1) 1 -112<sup>th</sup> Armor Battalion: M60A1
    - 2) 2 -112<sup>th</sup> Armor Battalion: M60A3
    - 3) 1 -141<sup>st</sup> Mech Infantry Battalion: M113
    - 4) 2 -141<sup>st</sup> Mech Infantry Battalion: M113
  - b. 2<sup>nd</sup> Texas Armor Brigade:
    - 1) 3 -112<sup>th</sup> Armor Battalion: M60A1
    - 2) 4 -112<sup>th</sup> Armor Battalion: M60A3
    - 3) 2 -142<sup>nd</sup> Mech Infantry Battalion: M113

- c. 3<sup>rd</sup> Texas Armor Brigade:
  - 1) 5 -112<sup>th</sup> Armor Battalion: M60A1
  - 2) 6 -112<sup>th</sup> Armor Battalion: M60A3
  - 3) 3 -144<sup>th</sup> Mech Infantry Battalion: M113
- d. 49<sup>th</sup> Aviation Brigade - TX NG:
  - 1) 1 -149<sup>th</sup> Attack Helicopter Battalion: 21 AH1E, 13 OH58A, 3 UH1H
  - 2) D Co/149<sup>th</sup> Aviation Regiment: 15 UH1H
  - 3) E Co/149<sup>th</sup> Aviation Regiment: 15 UH1H
  - 4) 1<sup>st</sup> Sqdn, 124<sup>th</sup> Cavalry Regt: 19 M60A3, 32 M113, 4 M577, 4 M106, 24 Dragon, 12 AH1S, 18 OH58A, 1 UH1H
- e. 49<sup>th</sup> Divarty - TX NG:
  - 1) 2 -131<sup>st</sup> Field Artillery Battalion: 24 M109A2
  - 2) 3 -132<sup>nd</sup> Field Artillery Battalion: 18 M109A2
  - 3) 4 -133<sup>rd</sup> Field Artillery Battalion: 18 M109A2
  - 4) 3 -133<sup>rd</sup> Field Artillery Battalion: 12 M110A2
- f. 49<sup>th</sup> ID Discom - TX NG:
- g. 111<sup>th</sup> Combat Engineer Battalion - TX NG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- h. 1 -200<sup>th</sup> Air Defense Battalion - NM NG: 12 Chaparral, 27 Vulcan SP, 60 Stinger
- i. 549<sup>th</sup> Military Intelligence Battalion (CEWI) - TX NG:
- j. 149<sup>th</sup> Military Police Company - TX NG:
- k. 449<sup>th</sup> Chemical Company - TX NG:

10. 50<sup>th</sup> Armored Division - NJ, TX, NH, DE, VT, and NM NG - Somerset, NJ: 24 M577 - NATO mission

- a. 1<sup>st</sup> New Jersey Armor Brigade:
  - 1) 1 -102<sup>nd</sup> Armor Battalion: M48A5
  - 2) 2 -102<sup>nd</sup> Armor Battalion: M48A5
  - 3) 2 -113<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 3 -113<sup>th</sup> Mech Infantry Battalion: M113
- b. 2<sup>nd</sup> New Jersey Armor Brigade:
  - 1) 3 -102<sup>nd</sup> Armor Battalion: M48A5
  - 2) 5 -102<sup>nd</sup> Armor Battalion: M48A5
  - 3) 1 -114<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 2 -114<sup>th</sup> Mech Infantry Battalion: M113
- c. 36<sup>th</sup> Texas Armor Brigade:
  - 1) 7 -112<sup>th</sup> Armor Battalion: M48A5
  - 2) 8 -112<sup>th</sup> Armor Battalion: M48A5
- d. 50<sup>th</sup> Aviation Brigade - NJ NG:
  - 1) 1 -150<sup>th</sup> Attack Helicopter Battalion - NJ NG: 21 AH1S, 13 OH58A, 3 UH1H
  - 2) D Co/150<sup>th</sup> Aviation Regiment - VT NG: 15 UH1H
  - 3) E Co/150<sup>th</sup> Aviation Regiment - DE NG: 15 UH1H
  - 4) 5<sup>th</sup> Sqdn, 117<sup>th</sup> Cavalry Regt - NJ NG: 19 M48A5, 32 M113, 4 M577, 4 M106, 24 Dragon, 12 AH1S, 18 OH58A
- e. 50<sup>th</sup> Divarty - NJ NG:
  - 1) 1 -112<sup>th</sup> Field Artillery Battalion - NJ NG: 18 M109A2
  - 2) 3 -112<sup>th</sup> Field Artillery Battalion - NJ NG: 18 M109A2
  - 3) 1 -133<sup>rd</sup> Field Artillery Battalion - TX NG: 24 M109A2
  - 4) 4 -112<sup>th</sup> Field Artillery Battalion - NJ NG: 12 M110A2
- f. 50<sup>th</sup> ID Discom - NJ NG:
- g. 104<sup>th</sup> Combat Engineer Battalion - NJ NG: 4 dozers, 8 AVLB, 8 CEV, 4 M88, 12 MAB (bridge)
- h. 3 -200<sup>th</sup> Air Defense Battalion - NM NG: 12 Chaparral, 27 Vulcan SP, 60 Stinger
- i. 550<sup>th</sup> Military Intelligence Battalion (CEWI) - NJ NG:
- j. 50<sup>th</sup> Military Police Company - NJ NG:
- k. 50<sup>th</sup> Chemical Company - NJ NG:

11. Infantry Brigades (Separate): not including roundout brigades

- a. 29<sup>th</sup> Infantry Brigade - Honolulu, HI: Augmentation for 28<sup>th</sup> Infantry Div (Light)
  - 1) 1-299<sup>th</sup> Infantry Bn:
  - 2) 2-299<sup>th</sup> Infantry Bn:
  - 3) 100-442<sup>nd</sup> Infantry Bn (Army Reserve): (attached)
  - 4) 1-487<sup>th</sup> Field Artillery: 105mm towed

- 5) Troop E, 19<sup>th</sup> Cav:
- 6) 227<sup>th</sup> Engineer Co:
- b. 30<sup>th</sup> Infantry Brigade (Mech) - Clinton, NC: NATO mission
  - 1) 1-252<sup>nd</sup> Armor Battalion: M1
  - 2) 1-120<sup>th</sup> Mech Infantry Battalion: M113
  - 3) 1-119<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 1-156<sup>th</sup> Field Artillery Battalion: 24 M109A2
  - 5) Troop E, 196<sup>th</sup> Cavalry:
  - 6) 881<sup>st</sup> Engineer Co:
- c. 32<sup>nd</sup> Infantry Brigade (Mech) - Milwaukee, WI:
  - 1) 1-632<sup>nd</sup> Armor Battalion: M1
  - 2) 1-128<sup>th</sup> Mech Infantry Battalion: M113
  - 3) 2-127<sup>th</sup> Mech Infantry Battalion: M113
  - 4) 1-120<sup>th</sup> Field Artillery Battalion: 24 M109A2
  - 5) Troop E, 105<sup>th</sup> Cavalry:
  - 6) 32<sup>nd</sup> Engineer Co:
- d. 33<sup>rd</sup> Infantry Brigade - Chicago, IL:
  - 1) 2-128<sup>th</sup> Infantry Bn:
  - 2) 1-178<sup>th</sup> Infantry Bn:
  - 3) 1-131<sup>st</sup> Infantry Bn:
  - 4) 2-122<sup>nd</sup> Field Artillery: 105mm towed
  - 5) Troop E, 106<sup>th</sup> Cav:
  - 6) 239<sup>th</sup> Engineer Co:
- e. 39<sup>th</sup> Infantry Brigade - Little Rock, AR: Affiliated with 101<sup>st</sup> Airborne
  - 1) 1-153<sup>rd</sup> Infantry Bn:
  - 2) 2-153<sup>rd</sup> Infantry Bn:
  - 3) 3-153<sup>rd</sup> Infantry Bn:
  - 4) 5-206<sup>th</sup> Field Artillery: 105mm towed
  - 5) Troop E, 151<sup>st</sup> Cav:
  - 6) 239<sup>th</sup> Engineer Co:
- f. 41<sup>st</sup> Infantry Brigade - Portland, OR: Augmentation for 7<sup>th</sup> Infantry Div (Light)
  - 1) 1-162<sup>nd</sup> Infantry Bn:
  - 2) 2-162<sup>nd</sup> Infantry Bn:
  - 3) 1-186<sup>th</sup> Infantry Bn:
  - 4) 2-218<sup>th</sup> Field Artillery: 105mm towed
  - 5) Troop E, 82<sup>nd</sup> Cav:
  - 6) 162<sup>nd</sup> Engineer Co:
- g. 45<sup>th</sup> Infantry Brigade - Edmond, OK:
  - 1) 1-179<sup>th</sup> Infantry Bn:
  - 2) 1-180<sup>th</sup> Infantry Bn:
  - 3) 1-279<sup>th</sup> Infantry Bn:
  - 4) 1-160<sup>th</sup> Field Artillery: 105mm towed
  - 5) Troop E, 145<sup>th</sup> Cav:
  - 6) 245<sup>th</sup> Engineer Co:
- h. 53<sup>rd</sup> Infantry Brigade - Tampa, FL:
  - 1) 1-124 Infantry Bn:
  - 2) 2-124 Infantry Bn:
  - 3) 3-124 Infantry Bn:
  - 4) 2-166 Field Artillery Bn: 105mm towed
  - 5) 153<sup>rd</sup> Engineer Co:
  - 6) Troop E, 153<sup>rd</sup> Cav:
  - 7) E det/265<sup>th</sup> ADA:
- i. 73<sup>rd</sup> Infantry Brigade - Columbus, OH:
  - 1) 1-147<sup>th</sup> Infantry Bn:
  - 2) 1-48<sup>th</sup> Infantry Bn:
  - 3) 1-166 Infantry Bn:
  - 4) 1-136 Field Artillery Bn: 105mm towed
  - 5) Troop A, 237<sup>th</sup> Cav:
  - 6) 837<sup>th</sup> Engineer Co:
- j. 92<sup>nd</sup> Infantry Brigade - San Juan, PR:

- 1) 1-65<sup>th</sup> Infantry Bn:
- 2) 2-65<sup>th</sup> Infantry Bn:
- 3) 1-295<sup>th</sup> Infantry Bn:
- 4) 1-136<sup>th</sup> Field Artillery Bn: 105mm towed
- 5) Troop E, 192<sup>nd</sup> Cavalry:
- 6) 892<sup>nd</sup> Engineer Co:
- k. 218<sup>th</sup> Infantry Brigade (Mech) - Newberry, SC: 8 M577, 4 M113, 2 M88 - NATO mission
  - 1) 2-263<sup>rd</sup> Armor Bn: M1
  - 2) 1-118<sup>th</sup> Infantry Bn: M113
  - 3) 4-118<sup>th</sup> Infantry Bn: M113
  - 4) 1-178<sup>th</sup> Field Artillery Bn: 24 M109A2
  - 5) Troop B, 713<sup>th</sup> Cavalry:
  - 6) 125<sup>th</sup> Engineer Co:
  - 7) 1 Air Defense Battery: 9 Vulcan SP, 12 Stinger

#### 12. Armor Brigades (Separate): not including roundout brigades

- a. 30<sup>th</sup> Armored Brigade - Jackson, TN:
  - 1) 3-109<sup>th</sup> Armor Bn:
  - 2) 4-109<sup>th</sup> Armor Bn:
  - 3) 4-117<sup>th</sup> Mech Bn:
  - 4) 3-115<sup>th</sup> Field Artillery: M109
  - 5) Troop B, 230<sup>th</sup> Cavalry:
  - 6) 890<sup>th</sup> Engineer Co:
- b. 31<sup>st</sup> Armored Brigade - Northport, AL:
  - 1) 1-121<sup>st</sup> Armor Bn:
  - 2) 1-152<sup>nd</sup> Armor Bn:
  - 3) 1-167<sup>th</sup> Mech Bn:
  - 4) 1-117<sup>th</sup> Field Artillery: M109
  - 5) Troop E, 31<sup>st</sup> Cavalry: M60A1 (to A3 in 1989), M113s
  - 6) 31<sup>st</sup> Engineer Co:
- c. 163<sup>rd</sup> Armored Brigade - Bozeman, MT: (converted from Armored Cav 2/89, possibly earlier)
  - 1) 1-163<sup>rd</sup> Infantry (Mech):
  - 2) 2-163<sup>rd</sup> Armor:
  - 3) 3-163<sup>rd</sup> Armor:
  - 4) Unknown Artillery Bn:
  - 5) Unknown Cav troop:
  - 6) Unknown Eng co:

#### 13. Cavalry Brigades/Regiments:

- a. 107<sup>th</sup> Armored Cavalry Regiment - Cleveland, OH: Corps ACR
- b. 116<sup>th</sup> Cavalry Brigade - Twin Falls, ID:
- c. 207<sup>th</sup> Infantry Brigade (Scout) - Anchorage, AK:
  - 1) 1-297<sup>th</sup> Infantry (Scout)
  - 2) 2-297<sup>th</sup> Infantry (Scout)
  - 3) 3-297<sup>th</sup> Infantry (Scout)
  - 4) 4-297<sup>th</sup> Infantry (Scout)
  - 5) 5-297<sup>th</sup> Infantry (Scout)
  - 6) 1-207<sup>th</sup> Aviation Bn
- d. 278<sup>th</sup> Armored Cavalry Regiment - Knoxville, TN: Corps ACR

**Note:** 116<sup>th</sup> Cav converted to an Armored Brigade, 9/89, with 1,2-116<sup>th</sup> Armored Bn, 1-163<sup>rd</sup> Mech, 1-148<sup>th</sup> FA, 116<sup>th</sup> Eng Bn, G-82<sup>nd</sup> Cav (OR). It was meant to be the new roundout brigade for the 4<sup>th</sup> Mech Division, whose 2<sup>nd</sup> Brigade was scheduled to disband in 1990.

#### 14. Special Forces Groups:

- a. 19<sup>th</sup> Special Forces Group - Salt Lake City, UT:
- b. 20<sup>th</sup> Special Forces Group - Birmingham, AL:

15. Field Artillery Brigades:

- a. 45<sup>th</sup> Field Artillery Brigade - Enid, OK: (former 45<sup>th</sup> Div Arty)
  - 1. 1-158 FA: M110
  - 2. 1-171 FA: M110
  - 3. 1-189 FA: M110 (went MLRS in 1992, first Guard unit to do so)
- b. 57<sup>th</sup> Field Artillery Brigade - Whitefish Bay, WI:
  - 1. 1-121 FA: M109
  - 2. 1-126 FA: M109
- c. 103<sup>rd</sup> Field Artillery Brigade - Providence, RI:
  - 1. 1-103 FA: M198
  - 2. 2-103 FA: M198\*
- d. 113<sup>th</sup> Field Artillery Brigade - Greensboro, NC:
  - 1. 4-113 FA: M110
  - 2. 5-113 FA: M110
- e. 115<sup>th</sup> Field Artillery Brigade - Cheyenne, WY:
  - 1. 1-49 FA: M198
  - 2. 3-49 FA: M110
  - 3. 1-145 FA: M198 (assigned in late 1980s?)
- f. 118<sup>th</sup> Field Artillery Brigade - Savannah, GA:
  - 1. 1-214 FA:
  - 2. 2-214 FA:
- g. 130<sup>th</sup> Field Artillery Brigade - Topeka, KS
  - 1. 1-161 FA: M110
  - 2. 2-130 FA: M110
- h. 135<sup>th</sup> Field Artillery Brigade - Sedalia, MO:
  - 1. 1-128 FA: 155mm Towed (M198?)
  - 2. 1-129 FA: 155mm Towed (M198)
- i. 138<sup>th</sup> Field Artillery Brigade - Lexington, KY:
  - 1. 1-623 FA: M110
- j. 142<sup>nd</sup> Field Artillery Brigade - Fayetteville, AR: Participated as a whole in Desert Storm
  - 1. 1-142 FA: M110
  - 2. 2-142 FA: M110
- k. 147<sup>th</sup> Field Artillery Brigade - Pierre, SD:
  - 1. 1-147 FA: M109
  - 2. 2-147 FA: M110
- l. 151<sup>st</sup> Field Artillery Brigade - Sumter, SC:
  - 1. 3-178 FA: M110
  - 2. 4-178 FA: M109
- m. 153<sup>rd</sup> Field Artillery Brigade - Phoenix, AZ:
  - 1. 1-180 FA: M109
  - 2. 2-180 FA: M109
- n. 169<sup>th</sup> Field Artillery Brigade - Aurora, CA:
  - 1. 1-157 FA: M110
  - 2. 2-157 FA: M110
- o. 196<sup>th</sup> Field Artillery Brigade - Chattanooga, TN: Participated in Desert Storm in part
  - 1. 1-115 FA:
  - 2. 1-181 FA:
  - 3. 1-201 FA: M109 (Desert Storm service)
- p. 197<sup>th</sup> Field Artillery Brigade - Manchester, NH:
  - 1. 1-172 FA: M198
  - 2. 2-197 FA: M198
  - 3. 3-197 FA: M198
- q. 209<sup>th</sup> Field Artillery Brigade - Rochester, NY:
  - 1. 1-209 FA: M110
  - 2. 1-156 FA: 155mm Towed (M198?)
- r. 224<sup>th</sup> Field Artillery Brigade – Petersburg, VA
  - 1. 2-111 FA: M198 (believe it joined 29<sup>th</sup> Inf Div in mid-1980s and brigade dissolved)
- s. 227<sup>th</sup> Field Artillery Brigade - Miami, FL:

1. 1-116 FA: M109
2. 3-116 FA: M110
- t. 631<sup>st</sup> Field Artillery Brigade - Grenada, MS:
  1. 1-114 FA: M109
  2. 4-114 FA: M109

\* existed in 1985, probably still did in 1989, but ceased to exist thereafter

**Note:** The vast majority of non-divisional guard artillery battalions were still organized as 3x6 guns for medium battalions and 3x4 guns for heavy battalions (ie 18 M109s or M198s, 12 M110s per battalion).

#### 16. Air Defense Artillery Brigades:

- a. 111<sup>th</sup> Air Defense Artillery Brigade - Albuquerque, NM:
- b. 164<sup>th</sup> Air Defense Artillery Brigade - Orlando, FL:

#### 17. Engineer Brigades:

- a. 16<sup>th</sup> Engineer Brigade - Columbus, OH:
  1. 134<sup>th</sup> Engineer Group:
    - a.) 112<sup>th</sup> Engineer Bn (Combat Corps)
    - b.) 372<sup>nd</sup> Engineer Bn (Combat Corps)
    - c.) 612<sup>th</sup> Engineer Bn (Combat Corps)
  2. 416<sup>th</sup> Engineer Group: (OH)
    - a.) 983<sup>rd</sup> Engineer Bn (Combat Heavy)
    - b.) 216<sup>th</sup> Engineer Bn (Combat Corps)
    - c.) 1193<sup>rd</sup> Engineer Company (Panel Bridge)
- b. 30<sup>th</sup> Engineer Brigade - Charlotte, NC:
  1. 348<sup>th</sup> Engineer Group
    - a.) 844<sup>th</sup> Engineer Bn (Combat Heavy) (TN USAR)
    - b.) 854<sup>th</sup> Engineer Bn (Combat Heavy) (NY USAR)
    - c.) 877<sup>th</sup> Engineer Bn (Combat Heavy) (AL)
  2. 926<sup>th</sup> Engineer Group
    - a.) 368<sup>th</sup> Engineer Bn (Combat Heavy) (NH)
- c. 35<sup>th</sup> Engineer Brigade - Jefferson City, MO:  
(HQ might be in St. Louis)
  1. 135<sup>th</sup> Engineer Group (MO)
    - a.) 110<sup>th</sup> Engineer Bn (Combat Corps)
    - b.) 203<sup>rd</sup> Engineer Bn (Combat Heavy)
    - c.) 1138<sup>th</sup> Engineer Bn (Combat Corps)
    - d.) 1140<sup>th</sup> Engineer Bn (Combat Corps)
    - e.) 1438<sup>th</sup> Engineer Co (Assault Float Bridge)
- d. 194<sup>th</sup> Engineer Brigade - Nashville, TN:
  1. 168<sup>th</sup> Engineer Group (MS)
    - a.) 223<sup>rd</sup> Engineer Bn (Combat Heavy)
    - b.) 890<sup>th</sup> Engineer Bn (Combat Heavy)
  2. 225<sup>th</sup> Engineer Group (LA)
    - a.) 205<sup>th</sup> Engineer Bn (Combat Heavy)
    - b.) 527<sup>th</sup> Engineer Bn (Combat Heavy)
    - c.) 769<sup>th</sup> Engineer Bn (Combat Heavy)
- e. 46<sup>th</sup> Engineer Group (Combat) (MI)
  1. 107<sup>th</sup> Engineer Bn (Combat Corps) (MI)
  2. 871<sup>st</sup> Engineer Bn (Combat Heavy) (TX USAR)
  3. 980<sup>th</sup> Engineer Bn (Combat Heavy) (TX USAR)
- f. 105<sup>th</sup> Engineer Group (Combat) (NC)
  1. 505<sup>th</sup> Engineer Bn (Combat Heavy)
- g. 109<sup>th</sup> Engineer Group (Combat) (SD)
  1. 153<sup>rd</sup> Engineer Bn (Combat Corps)
  2. 200<sup>th</sup> Engineer Co (Assault Float Bridge)
  3. 211<sup>th</sup> Engineer Co (Medium Girder Bridge)

- h. 111<sup>th</sup> Engineer Group (Combat) (WV)
  - 1. 1092<sup>nd</sup> Engineer Bn (Combat Corps)
- i. 115<sup>th</sup> Engineer Group (Combat) (TX)
  - 1. 386<sup>th</sup> Engineer Bn (Combat Corps)
- j. 164<sup>th</sup> Engineer Group (Combat) (ND)
  - 1. 141<sup>st</sup> Engineer Bn (Combat Corps)
  - 2. 164<sup>th</sup> Engineer Bn (Combat Corps)
  - 3. 957<sup>th</sup> Engineer Company (Assault Float Bridge)
- k. 176<sup>th</sup> Engineer Group (Combat) (VA)
  - 1. 276<sup>th</sup> Engineer Bn (Combat Corps)
  - 2. 1031<sup>st</sup> Engineer Company (Panel Bridge)
- l. 221<sup>st</sup> Engineer Group (Combat) (NY)
  - 1. 152<sup>nd</sup> Engineer Bn (Combat Corps)
  - 2. 204<sup>th</sup> Engineer Bn (Combat Heavy)
- m. 240<sup>th</sup> Engineer Group (Combat) (ME)
  - 1. 133<sup>rd</sup> Engineer Bn (Combat Heavy)
  - 2. 262<sup>nd</sup> Engineer Bn (Combat Corps)
- n. 264<sup>th</sup> Engineer Group (Combat) (WI)
  - 1. 724<sup>th</sup> Engineer Bn (Combat Corps)
- o. 1169<sup>th</sup> Engineer Group (Combat) (AL)
  - 1. 151<sup>st</sup> Engineer Bn (Combat Corps)
  - 2. 1343<sup>rd</sup> Engineer Bn (Combat Corps)
  - 3. 166<sup>th</sup> Engineer Co (Float Bridge)
  - 4. 167<sup>th</sup> Engineer Co (Float Bridge)
  - 5. 168<sup>th</sup> Engineer Co (Panel Bridge)
- p. 265<sup>th</sup> Engineer Group (Combat) (GA)
  - 1. 560<sup>th</sup> Engineer Bn (Combat Corps)
  - 2. 878<sup>th</sup> Engineer Bn (Combat Heavy)
- q. 308<sup>th</sup> Engineer Group (Combat) (PA)
  - 1. 876<sup>th</sup> Engineer Bn (Combat Corps)

Note 1: Engineer Brigade Sub-units come directly from Armies of NATO's Central Front, and are as of 1985.

Note 2: Exception to above note is the 35<sup>th</sup> Engineer Brigade, which is corrected based on research

#### 18. Military Police Brigades:

- a. 43<sup>rd</sup> Military Police Brigade - Providence, RI:
- b. 49<sup>th</sup> Military Police Brigade - Alameda, CA:
- c. 177<sup>th</sup> Military Police Brigade - Detroit, MI:
- d. 260<sup>th</sup> Military Police Brigade - Washington, DC:

#### 19. Independent Battalions

- a. TOW Light Anti-Tank Battalions
  - 1. 2-128<sup>th</sup> Infantry (TLAT) WI NG – 5 companies of 12 HMMMWV/TOW each. Affiliated with 10<sup>th</sup> Mtn Div
  - 2. 1-149<sup>th</sup> Infantry (TLAT) OR NG – 60 HMMMWV/TOW. Affiliated with 7<sup>th</sup> Inf Div
  - 3. 2-180<sup>th</sup> Infantry (TLAT) OK NG – 60 HMMMWV/TOW. Affiliated with III Corps, 101<sup>st</sup> AAst Div
  - 4. 1-122<sup>nd</sup> Infantry (TLAT) GA NG – 60 HMMMWV/TOW. Affiliated with 82<sup>nd</sup> Airborne Div
- b. Mechanized Infantry
  - 1. 2-120 Infantry (M) (NC) (still looking to confirm existence)
  - 2. 2-136 Infantry (M) (MN)
  - 3. 2-117 Infantry (M) (TN) (still looking to confirm existence)
  - 4. 3-141 Infantry (M) (TX)
- c. Infantry
  - 1. 1-296 Infantry (PR) (may have been assigned to 92<sup>nd</sup> Infantry Brigade)
  - 2. 1-127 Infantry (WI) (is currently an armored bn in NYNG?)
  - 3. 1-172 Infantry (VT) (in all likelihood had ceased to exist or was mountain infantry)
- d. Armor/Armored Cavalry
  - 1. 1-152 Armor (AL)
  - 5. 1-263 Armor (SC)

- e. Field Artillery
  - 1. 2-177 FA: 155mm Towed (M198?)
  - 2. 3-177 FA (MN): M198 (may have converted to M109 by 1989, may have been dedicated to reinforce Korea)
  - 3. 1-152 FA (ME): M198
  - 4. 1-162 FA (PR): M198 (may have been attached to 92<sup>nd</sup> Inf Brig)
  - 5. 1-182 FA (MI): M110 (converted to MLRS 1992)

## 20. Aviation Units

- a. The National Guard maintained a bewildering array of aviation units, primarily helicopter. As of yet, I have not even begun to be able to sort them out. Jane's lists the Guard having 105 independent air units controlling 2580 helicopters, but frankly, I think this is low. In late 1989/early 1990, total aircraft inventory for all Army units exceeded 9,000 – more than 8,000 of which were helicopters. In all likelihood, this does not include substantial reserve holdings of older types. If anyone has more detailed information, it would be appreciated.

## US ARMY RESERVES

**Note:** The USAR Infantry Divisions were training units manned at cadre strength and would take 6 to 12 months to be combat ready.

- 1. Training Divisions:
  - a. 70<sup>th</sup> Infantry Division - Livonia, MI:
  - b. 76<sup>th</sup> Infantry Division - Hartford, CT:
  - c. 78<sup>th</sup> Infantry Division - Edison, NJ:
  - d. 80<sup>th</sup> Infantry Division -Richmond, VA:
  - e. 84<sup>th</sup> Infantry Division - Milwaukee, WI:
  - f. 85<sup>th</sup> Infantry Division - Arlington Heights, IL:
  - g. 91<sup>st</sup> Infantry Division - Sausalito, CA:
  - h. 95<sup>th</sup> Infantry Division - Midwest City, OK:
  - i. 98<sup>th</sup> Infantry Division - Rochester, NY:
  - j. 100<sup>th</sup> Infantry Division - Louisville, KY:
  - k. 104<sup>th</sup> Infantry Division - Vancouver, WA:
  - l. 108<sup>th</sup> Infantry Division - Charlotte, NC:
- 2. Separate Brigades: not including roundout brigades
  - a. 157<sup>th</sup> Infantry Brigade (Mech) - Horsham, PA:
    - 1. 1-313<sup>th</sup> Infantry (Mech) Bn:
    - 2. 1-314<sup>th</sup> Infantry (Mech) Bn:
    - 3. 6-68<sup>th</sup> Armored Bn:
    - 4. 3-15<sup>th</sup> Field Artillery Bn: M109
    - 5. Troop C, 9 Cav
    - 6. 420<sup>th</sup> Engineer Co
    - 7. 157<sup>th</sup> Aviation Co
  - b. 187<sup>th</sup> Infantry Brigade - Ft Devens, MA:
    - 1. 3-16<sup>th</sup> Infantry Bn:
    - 2. 3-18<sup>th</sup> Infantry Bn:
    - 3. (one unknown) Infantry Bn:
    - 4. Troop D, 5 Cav
    - 5. 756 Engineer Co
    - 6. 1 Field Artillery Bn: 105mm towed
- 3. Special Forces Units
  - a. 11<sup>th</sup> Special Forces Group - Ft Meade, MD:
  - n. 12<sup>th</sup> Special Forces Group - Arlington Heights, IL:
- 4. Artillery Units:
  - a. 428<sup>th</sup> Field Artillery Brigade - South bend, IN:
    - 1. 4-20<sup>th</sup> Field Artillery Bn: M110
    - 2. 4-38<sup>th</sup> Field Artillery Bn: M110
    - 3. 4-333<sup>rd</sup> Field Artillery Bn – South Bend, IN: (to 212<sup>th</sup> FAB on mobilization)
  - b. 434<sup>th</sup> Field Artillery Brigade - Chicago, IL:
    - 1. 7-1<sup>st</sup> Field Artillery Bn:
    - 2. 4-75<sup>th</sup> Field Artillery Bn:



- c. 479<sup>th</sup> Field Artillery Brigade - Pittsburgh, PA:
  - 1. 4-8<sup>th</sup> Field Artillery Bn: M109
  - 2. 4-92<sup>nd</sup> Field Artillery Bn: M110
- 5. Military Police Brigades:
  - h. 220<sup>th</sup> Military Police Brigade - Gaithersburg, MD:
  - i. 221<sup>st</sup> Military Police Brigade - San Jose, CA:
  - j. 300<sup>th</sup> Military Police Brigade - Inkster, MI:
- 6. Engineer Brigades: (may have just been HQs, assigned units may be listed under battalions below)
  - k. 411<sup>th</sup> Engineer Brigade - Brooklyn, NY:
  - l. 412<sup>th</sup> Engineer Brigade - Vicksburg, MS:
  - m. 416<sup>th</sup> Engineer Brigade - Chicago, IL:
  - n. 420<sup>th</sup> Engineer Brigade - Bryan, TX:
- 14. Independent Units:
  - a. Artillery Battalions:
    - 1. 5-5<sup>th</sup> Field Artillery Bn: M109
    - 2. 7-9<sup>th</sup> Field Artillery Bn: M110
    - 3. 4-17<sup>th</sup> Field Artillery Bn: M110
    - 4. 5-28<sup>th</sup> Field Artillery Bn:
    - 5. 3-42<sup>nd</sup> Field Artillery Bn:
    - 6. 3-75<sup>th</sup> Field Artillery Bn: M109
    - 7. 3-83<sup>rd</sup> Field Artillery Bn: M109
    - 8. 6-83<sup>rd</sup> Field Artillery Bn:
    - 9. 3-92<sup>nd</sup> Field Artillery Bn: M110
  - b. Engineer Battalions, Combat Heavy:
    - 1. 244<sup>th</sup> Engineer Bn:
    - 2. 306<sup>th</sup> Engineer Bn:
    - 3. 365<sup>th</sup> Engineer Bn:
    - 4. 389<sup>th</sup> Engineer Bn:
    - 5. 411<sup>th</sup> Engineer Bn:
    - 6. 429<sup>th</sup> Engineer Bn:
    - 7. 448<sup>th</sup> Engineer Bn:
    - 8. 463<sup>rd</sup> Engineer Bn:
    - 9. 469<sup>th</sup> Engineer Bn:
    - 10. 863<sup>rd</sup> Engineer Bn:
    - 11. 926<sup>th</sup> Engineer Bn:
    - 12. 961<sup>st</sup> Engineer Bn:
  - c. Engineer Battalions, Combat Corps:
    - 1. 245<sup>th</sup> Engineer Bn:
    - 2. 321<sup>st</sup> Engineer Bn:
    - 3. 330<sup>th</sup> Engineer Bn:
    - 4. 367<sup>th</sup> Engineer Bn:
    - 5. 391<sup>st</sup> Engineer Bn:
    - 6. 397<sup>th</sup> Engineer Bn:
    - 7. 458<sup>th</sup> Engineer Bn:
    - 8. 464<sup>th</sup> Engineer Bn:
    - 9. 467<sup>th</sup> Engineer Bn:
    - 10. 478<sup>th</sup> Engineer Bn:
    - 11. 479<sup>th</sup> Engineer Bn:
    - 12. 483<sup>rd</sup> Engineer Bn:
    - 13. 489<sup>th</sup> Engineer Bn:
    - 14. 820<sup>th</sup> Engineer Bn:
    - 15. 841<sup>st</sup> Engineer Bn:
    - 16. 972<sup>nd</sup> Engineer Bn:
  - d. Engineer Companies:
    - 1. 396<sup>th</sup> Engineer Co (Panel Bridge)
    - 2. 409<sup>th</sup> Engineer Co (Panel Bridge)
    - 3. 439<sup>th</sup> Engineer Co (Float Bridge)
    - 4. 652<sup>nd</sup> Engineer Co (Float Bridge)

Note 1: IISS lists the USAR as having 1 Armored and 2 Infantry battalions in 1989; 1 is assigned to the 29<sup>th</sup> Inf Brigade, the other two are unknown. IISS also lists 51 engineer battalions, so it is likely many are not here. As the above data dates from 1985 or so, it is likely there are other units that have been mobilized during the subsequent four years by not listed.

## **US Army Table of Organization and Equipment (TO&E)**

(Typical organization, but may vary)

**Note 1:** The term Light Infantry in this TO&E includes Airborne, Air Assault, Infantry, and Light Infantry

**Note 2:** The term XO is the unit eXecutive Officer and second in command

### 1. Squad:

- a. Mech Infantry: 9 Infantry - 1 M2 or M113 IFV, 3 crew, 6 dismounts, 5 M16, 2 M203, 2 M249, 1 M47
- b. Light Infantry: 11 Infantry - 7 M16, 2 M203, 2 M249 (SAW), 2 M47 (Dragon)
- c. Weapons Squad: 7 Infantry - 2 M60 MG, 5 M16
- d. Mech Recon: 12 Infantry - 2 M3 CFV, 6 crew, 6 dismounts, 8 M16, 2 M203, 2 M249, 2 M47
- e. Light Recon: 6 Infantry - 2 HMMWV, 2 .50 cal MG, 4 M16, 2 M203, 2 M47

### 2. Platoon:

- a. Mech Infantry: HQ Section: 1 M2 or M113, Platoon leader, Platoon Sergeant, and driver  
3 Mech Infantry Squads  
1 Weapons Squad (carried by HQ M2/M113)
- b. Tank: HQ Section: Platoon Leader, Platoon sergeant, and driver  
4 Tanks (Platoon Leader is one of the Tank Commanders)
- c. Light Infantry: HQ Section: Platoon leader and Platoon Sergeant  
3 Light Infantry Squads  
1 Weapons Squad
- d. Mech Recon: HQ Section: 1 HMMWV, Platoon Leader, Platoon sergeant, and driver  
3 Mech Recon Squads (Platoon leader usually accompanies one of the squads)
- e. Light Recon: HQ Section: 1 HMMWV, Platoon Leader, Platoon sergeant, and driver  
3 Light Recon Squads

### 3. Company: The Cavalry equivalent is the Troop

- a. Mech Infantry: HQ Section: 1 M2 ,1 M113 or 2 M113, and 1 M88, Company Commander, XO, 1SG, + crews  
3 Mech Infantry Platoons
- b. Tank: HQ Section: 2 Tanks ,1 M113, 1 AVLB, and 1 M88, Company Commander, XO, 1SG, + crews  
3 Tank Platoons
- c. Light Infantry: HQ Section: 2 HMMWV, Company Commander, XO, First Sergeant, 2 driver/clerks  
3 Light Infantry Platoons  
2 60mm Mortars + crews
- d. Ranger: HQ Section: Company Commander, XO, First Sergeant, 2 RTO/clerks  
3 Light Infantry Platoons  
2 60mm Mortars + crews
- e. Cavalry Troop: HQ Section: 1 Tank, 1 M3 CFV, and 1 M88, Troop Commander, XO, First Sergeant, + crews  
(Heavy Div) 3 Mech Recon Platoons  
2 M106 4.2 inch mortars + crews

- f. Cavalry Troop: HQ Section: 3 HMMWV, Troop Commander, XO, First Sergeant, + crews  
(Light Div) 3 Light Recon Platoons
- g. Cavalry Troop: HQ Section: 1 M1A1, 1 M3 CFV, and 1 M88, Troop Commander, XO, First Sergeant, + crews  
(Regimental) 2 Mech Recon Platoons  
2 Tank Platoons - 4 M1A1 each  
2 M106 4.2 inch mortars + crews

4. Battalion: The Cavalry equivalent is the Squadron

- a. Mech Infantry: HQ Section: 2 M2 or M113 and 1 HMMWV, Battalion Commander, XO, CSM, + crews  
HQ Company: 2 M113, 3 M577, 8 Medic M113, 3 M88, 2 AVLB, + crews  
4 Mech Infantry Companies  
1 Anti-Tank Company: 12 M901  
1 Mech Recon Platoon  
1 Mortar Platoon: 6 M106
- b. Tank: HQ Section: 2 Tanks and 1 HMMWV, Battalion Commander, XO, CSM, + crews  
HQ Company: 2 M113, 3 M577, 8 Medic M113, 3 M88, 2 AVLB, + crews  
4 Tank Companies  
1 Mech Recon Platoon  
1 Mortar Platoon: 6 M106
- c. Light Infantry: HQ Section: 3 HMMWV, Battalion Commander, XO, CSM, + drivers  
HQ Company: 8 HMMWV, 6 Medic HMMWV + crews  
3 Light Infantry Companies  
1 Anti-Tank Company: 12 HMMWV with TOW  
1 Light Recon Platoon  
1 Mortar Platoon: 4 81mm mortars, 5 HMMWV, + crews
- d. Ranger: HQ Section: 1 HMMWV, Battalion Commander, XO, CSM, + driver  
HQ Company:  
3 Ranger Companies:  
1 Ranger Recon Platoon: all dismounts  
1 Mortar Platoon: 4 81mm mortars, 5 HMMWV, + crews
- e. Cavalry Sqdn: 1<sup>st</sup>, 3<sup>rd</sup>, 24<sup>th</sup> Infantry, 1<sup>st</sup> Cavalry, 2<sup>nd</sup>, and 3<sup>rd</sup> Armored Divisions  
  
HQ Section: 2 M3 and 1 HMMWV, Squadron Commander, XO, CSM, + crews  
HQ Troop: 2 M113, 3 M577, 6 Medic M113, 3 M88, 1 UH60A + crews  
2 Heavy Division Cavalry Troops  
2 Air Troops: 6 OH58C, 4 AH1F each
- f. Cavalry Sqdn: 4<sup>th</sup>, 5<sup>th</sup>, 8<sup>th</sup> Infantry Divisions and 1<sup>st</sup> Armored Division  
  
HQ Section: 1 M60A3, 1 M113, and 1 HMMWV, Squadron Commander, XO, CSM, + crews  
HQ Troop: 2 M113, 3 M577, 6 Medic M113, 3 M88, 1 UH1H + crews  
2 Cavalry Troops: 9 M60A3, 13 M113, 12 M47 Dragon each  
2 Air Troops: 6 OH58C, 4 AH1F each
- g. Cavalry Sqdn: 6<sup>th</sup>, 7<sup>th</sup>, 10<sup>th</sup>, and 25<sup>th</sup> Light Divisions  
  
HQ Section: 3 HMMWV, Squadron Commander, XO, CSM, + crews  
HQ Troop: 8 HMMWV, 6 Medic HMMWV, 1 UH60A + crews  
2 Light Division Cavalry Troops  
2 Air Troops: 6 OH58C, 4 AH1F each  
1 Anti-Tank Platoon: 6 HMMWV with TOW
- h. Cavalry Sqdn: 2<sup>nd</sup> Infantry Division

HQ Section: 1 M60A3, 1 M113, and 1 HMMWV, Squadron Commander, XO, CSM, + crews  
 HQ Troop: 2 M113, 3 M577, 6 Medic M113, 3 M88, 1 UH60A + crews  
 2 Cavalry Troops: 9 M60A3, 13 M113, 12 M47 Dragon each  
 3 Air Troops: 6 OH58C, 4 AH1F each  
 1 Long Range Recon Troop: 40 Infantry

i. Cavalry Sqdn: 9<sup>th</sup> Motorized Division

HQ Section: 3 HMMWV, Squadron Commander, XO, CSM, + crews  
 HQ Troop: 8 HMMWV, 6 Medic HMMWV, 1 UH60A + crews  
 2 Air Troops: 6 OH58C, 4 AH1F each  
 1 Anti-Tank Troop: 42 HMMWV with TOW

j. Cavalry Sqdn: 82<sup>nd</sup> Airborne Division

HQ Section: 3 HMMWV, Squadron Commander, XO, CSM, + crews  
 HQ Troop: 8 HMMWV, 6 Medic HMMWV, 1 UH60A + crews  
 3 Air Troops: 6 OH58C, 4 AH1F each  
 1 Light Division Troop

k. Cavalry Sqdn: 101<sup>st</sup> Airborne Division (Air Assault)

HQ Section: 3 HMMWV, Squadron Commander, XO, CSM, + crews  
 HQ Troop: 8 HMMWV, 6 Medic HMMWV, 8 UH60A + crews  
 4 Air Troops: 6 OH58C, 4 AH1F each

l. Armor Cavalry: 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Armored Cavalry Regiments  
 (Regimental)

HQ Section: 1 M1A1, 1 M3 and 1 HMMWV, Squadron Commander, XO, CSM, + crews  
 HQ Troop: 2 M113, 3 M577, 8 Medic M113, 3 M88, 2 AVLB + crews  
 3 Regimental Cavalry Troops  
 1 Tank Troop: 14 M1A1 - Identical to a Tank Company  
 1 Artillery Troop: 8 M109A3

m. Air Cavalry: 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Armored Cavalry Regiments  
 (Regimental)

HQ Section: 3 HMMWV, Squadron Commander, XO, CSM, + crews  
 HQ Troop: 8 HMMWV, 6 Medic HMMWV, 1 OH58C, 3 EH60, 18 UH60A + crews  
 3 Air Cavalry Troops: 6 OH58C, 4 AH1F each  
 2 Attack Troops: 6 AH1F or AH64A and 4 OH58A each

## US AIR FORCE

### TACTICAL AIR COMMAND (TAC)

USAF data came from a wide variety of sources. Phil Boshier's 1989 USAF OOB was a good start, but has been heavily edited using each unit's official history. This [site](#) is an excellent review of F-16 equipped units that have been deactivated. This [site](#) has a good roundup of F-4 Wild Weasel units. Please note that units in blue are ones whose existence or status was not consistent throughout all sources.

1. US 1<sup>st</sup> Air Force HQ - Langley, VA: Responsible for the defense of US airspace.
  - a. 48<sup>th</sup> FIS - Langley AFB, VA: 18 F-15C
  - b. 57<sup>th</sup> FIS - Keflavik, Iceland: 18 F-15C
  - c. 318<sup>th</sup> FIS - McChord AFB, WA: 18 F-15C (deact late 89)
2. US 9<sup>th</sup> Air Force HQ - Shaw AFB, SC: Responsible to provide immediate TAC reinforcement to Europe
  - a. 1<sup>st</sup> Tactical Fighter Wing (TFW) - Langley, VA:
    1. 11<sup>th</sup> Tactical Fighter Squadron (TFS): 24 F-15C
    2. 27<sup>th</sup> TFS: 24 F-15C
    3. 71<sup>st</sup> TFS: 24 F-15C
    4. 91<sup>st</sup> TFS: 24 F-15C
  - b. 4<sup>th</sup> TFW - Seymour Johnson AFB, NC:
    1. 334<sup>th</sup> TFS: 24 F-4E
    2. 335<sup>th</sup> TFS: 24 F-4E
    3. 336<sup>th</sup> TFS: 24 F-15E
    4. 337<sup>th</sup> TFS: 20 F-15E
  - c. 23<sup>rd</sup> TFW - England AFB, LA:
    1. 74<sup>th</sup> TFS: 18 A-10
    2. 75<sup>th</sup> TFS: 18 A-10
    3. 76<sup>th</sup> TFS: 18 A-10
  - d. 31<sup>st</sup> TFW - Homestead AFB, FL:
    1. 306<sup>th</sup> TFS: 24 F-16A Block 15
    1. 307<sup>th</sup> TFS: 24 F-16A Block 15
    2. 308<sup>th</sup> TFS: 24 F-16A Block 15
    3. 309<sup>th</sup> TFS: 24 F-16A Block 15
  - e. 33<sup>rd</sup> TFW - Eglin AFB, FL:
    1. 58<sup>th</sup> TFS: 24 F-15C
    2. 59<sup>th</sup> TFS: 24 F-15C
    3. 60<sup>th</sup> TFS: 24 F-15C
  - f. 347<sup>th</sup> TFW - Moody AFB, GA:
    1. 68<sup>th</sup> TFS: 24 F-16C
    2. 69<sup>th</sup> TFS: 24 F-16C
    3. 70<sup>th</sup> TFS: 24 F-16C
  - g. 354<sup>th</sup> TFW - Myrtle Beach AFB, SC:
    1. 353<sup>rd</sup> TFS: 18 A-10
    2. 355<sup>th</sup> TFS: 18 A-10
    3. 356<sup>th</sup> TFS: 18 A-10
  - h. 363<sup>rd</sup> TFW - Shaw AFB, SC:
    1. 17<sup>th</sup> TFS: 24 F-16A
    2. 19<sup>th</sup> TFS: 24 F-16A
    3. 30<sup>th</sup> TFS: 24 F-16A
3. US 12<sup>th</sup> Air Force HQ - Bergstrom AFB, TX: Responsible to provide follow on TAC reinforcement to Europe
  - a. 27<sup>th</sup> TFW - Cannon AFB, NM:
    1. 522<sup>nd</sup> TFS: 24 F-111D
    2. 523<sup>rd</sup> TFS: 24 F-111D

3. 524<sup>th</sup> TFS: 24 F-111D
- b. 35<sup>th</sup> TFW – George AFB, CA:
  1. 20<sup>th</sup> TFS: 24 F-4E
  2. 21<sup>st</sup> TFS: 24 F-4E
- c. 37<sup>th</sup> TFW - George AFB, CA:
  1. 561<sup>st</sup> TFS: 24 F-4G Wild Weasel
  2. 562<sup>nd</sup> TFS: 24 F-4G Wild Weasel
  3. 563<sup>rd</sup> TFS: 24 F-4G Wild Weasel
- d. 49<sup>th</sup> TFW - Holloman AFB, NM:
  1. 7<sup>th</sup> TFS: 24 F-15A
  2. 8<sup>th</sup> TFS: 24 F-15A
  3. 9<sup>th</sup> TFS: 24 F-15A
- e. 67<sup>th</sup> TRW - Bergstrom AFB, TX:
  1. 12<sup>th</sup> TRS: 18 RF-4C
  2. 62<sup>nd</sup> TRS: 18 RF-4C
  3. 91<sup>st</sup> TRS: 18 RF-4C
  4. 45<sup>th</sup> TRTS: RF-4C
  5. 189<sup>th</sup> TFS: F-4G
- f. 366<sup>th</sup> TFW - Mountain Home AFB, ID:
  1. 388<sup>th</sup> ECS: 24 EF-111A
  2. 389<sup>th</sup> TSTS: 24 F-111
  3. 391<sup>st</sup> TFS: 24 F-11
- g. 388<sup>th</sup> TFW - Hill AFB, UT:
  1. 4<sup>th</sup> TFS: 24 F-16A
  2. 16<sup>h</sup> TFS: 24 F-16A
  3. 34<sup>th</sup> TFS: 24 F-16A
- h. 474<sup>th</sup> TFW - Nellis AFB, NV:
  1. 428<sup>th</sup> TFS: 24 F-16C
  2. 429<sup>h</sup> TFS: 24 F-16C
  3. 430<sup>th</sup> TFS: 24 F-16A
1. 4450<sup>th</sup> Tactical Group – Nellis AFB, NV
  1. Unknown squadrons: 56 F-117, including training unit

Note 1: Certain units were re-badged in Oct-Nov 1989, with F-117s going to 49<sup>th</sup> TFW.

Note 2: 474<sup>th</sup> TFS deactivated, late 89; squadron fate unknown.

## **OTHER US-BASED UNITS**

1. Major Training Units
  - a. 57<sup>th</sup> Fighter Weapons Wing – Nellis AFB
    1. 64<sup>th</sup> Aggressor Squadron: F-16 (from F-5E, 4/88)
    2. 65<sup>th</sup> Aggressor Squadron: F-5E (deact 4/89)
  - b. 405<sup>th</sup> Tactical Training Wing – Luke AFB, AZ:
    1. 461<sup>st</sup> Tactical Fighter Training Squadron (TFTS): F-15E
  - c. 56<sup>th</sup> Tactical Training Wing – Luke AFB, AZ:
    1. 61<sup>st</sup> TFTS: F-16A Block 10
    2. 62<sup>nd</sup> TFTS: F-16A Block 10
    3. 63<sup>rd</sup> TFTS: F-16A Block 10
    4. 72<sup>nd</sup> TFTS: F-16A Block 10
  - d. 325<sup>th</sup> Tactical Training Wing – Tyndall AFB, FL:
    1. 1<sup>st</sup> TFTS: F-15
    2. 2<sup>nd</sup> TFTS: F-15
    3. 95<sup>th</sup> TFTS: F-15
2. Other Units Of Interest – Subordination Unknown
  - a. 16<sup>th</sup> TRS – Shaw AFB, SC: 18 RF-4C
  - b. 23<sup>rd</sup> Tactical Air Support Squadron, 602<sup>nd</sup> Tactical Air Control Wing – Davis-Monthan AFB, AZ: 12 OA-10A

## US AIR FORCE - EUROPE (USAFE)

### 1. US 3<sup>rd</sup> Air Force HQ - Mildenhall, United Kingdom:

- a. 10<sup>th</sup> TFW - Alconbury, UK:
  - 1. 509<sup>th</sup> TFS: 24 A-10
  - 2. 511<sup>th</sup> TFS: 24 A-10
- b. 20<sup>th</sup> TFW - Upper Heyford, UK:
  - 1. 55<sup>th</sup> TFS: 24 F-111E
  - 2. 77<sup>th</sup> TFS: 24 F-111E
  - 3. 79<sup>th</sup> TFS: 24 F-111E
  - 4. 42<sup>nd</sup> ECS: 12 EF-111A (18?)
- c. 48<sup>th</sup> TFW "Liberty" - Lakenheath, UK:
  - 1. 492<sup>nd</sup> TFS: 24 F-111F
  - 2. 493<sup>rd</sup> TFS: 24 F-111F
  - 3. 494<sup>th</sup> TFS: 24 F-111F
  - 4. 495<sup>th</sup> TFS: 24 F-111F (training unit for wing)
- d. 81<sup>st</sup> TFW - Bentwaters, UK:
  - 1. 78<sup>th</sup> TFS: 24 A-10
  - 2. 91<sup>st</sup> TFS: 24 A-10
  - 3. 92<sup>nd</sup> TFS: 24 A-10
  - 4. 511<sup>th</sup> TFS: 24 A-10
- e. 527<sup>th</sup> TFS – Bentwaters, UK: 16 F-5E (aggressor training)
- f. 501<sup>st</sup> Tactical Missile Wing (TMW) - RAF Greenham Common, UK: 64 BGM-109G GLCM
- g. 503<sup>rd</sup> Tactical Missile Wing (TMW) - RAF Molesworth, UK: 64 BGM-109G GLCM (withdrawn in 1989)

Note: 527<sup>th</sup> converted to F-16C Block 32 starting Jan 89; may have been assigned to 81<sup>st</sup> TFW

### 2. US 17<sup>th</sup> Air Force HQ - Sembach, FRG:

- a. 36<sup>th</sup> TFW - Bitburg AFB, FRG:
  - 1. 22<sup>nd</sup> TFS: 24 F-15C
  - 2. 53<sup>rd</sup> TFS: 24 F-15C
  - 3. 535<sup>th</sup> TFS: 24 F-15C
- b. 50<sup>th</sup> TFW - Hahn AFB, FRG:
  - 1. 10<sup>th</sup> TFS: 24 F-16C Block 25
  - 2. 313<sup>th</sup> TFS: 24 F-16C Block 25
  - 3. 496<sup>th</sup> TFS: 24 F-16C Block 25
- c. 52<sup>nd</sup> TFW - Spangdahlem AFB, FRG:
  - 1. 23<sup>rd</sup> TFS: 24 F-16C
  - 2. 81<sup>st</sup> TFS: 24 F-4G Wild Weasel
  - 3. 480<sup>th</sup> TFS: 24 F-16C
  - 4. 481<sup>st</sup> TFS: 24 F-16C
- d. 86<sup>th</sup> TFW - Ramstein AFB, FRG:
  - 1. 512<sup>th</sup> TFS: 24 F-16C Block 30
  - 2. 516<sup>th</sup> TFS: 24 F-16C Block 30
- e. 32<sup>nd</sup> TFS - Soesterberg AFB, Holland: 24 F-15C
- f. 26<sup>th</sup> Tactical Reconnaissance Wing (TRW) - Zweibrücken, FRG:
  - 1. 38<sup>th</sup> TRS: 20 RF-4C
- g. 66<sup>th</sup> Electronic Countermeasures Wing (ECW) - Upper Heyford, UK: 18 EF-111A
- h. 38<sup>th</sup> Tactical Missile Wing (TMW) - Wiesbaden AFB, Holland: 64 BGM-109G GLCM
- i. 39<sup>th</sup> Tactical Missile Wing (TMW) - Florennes AFB, Belgium: 48 BGM-109G GLCM

### 3. US 16<sup>th</sup> Air Force HQ - Torrejón, Spain:

- a. 401<sup>st</sup> TFW - Torrejón, Spain:
  - 1. 612<sup>th</sup> TFS: 24 F-16C Block 30
  - 2. 613<sup>th</sup> TFS: 24 F-16C Block 30

- 3. 614<sup>th</sup> TFS: 24 F-16C Block 30
- b. 487<sup>th</sup> TMW - Comiso AFB, Italy: 64 BGM-109G GLCM

### **PACIFIC AIR FORCE (PACAF)**

- 1. US 5<sup>th</sup> Air Force HQ -
  - a. 18<sup>th</sup> TFW – Kadena (Okinawa), Japan:
    - 1. 12<sup>th</sup> TFS: 24 F-15 (likely 'C')
    - 2. 44<sup>th</sup> TFS: 24 F-15
    - 3. 57<sup>th</sup> TFS: 24 F-15
    - 4. 15<sup>th</sup> TRS: 18 RF-4C (to Korea 10/89)
  - b. 432<sup>nd</sup> TFW – Misawa, Japan:
    - 1. 3<sup>rd</sup> TFS: 24 F-4E
    - 2. 13<sup>th</sup> TFS: 24 F-16A
- 2. US 7<sup>th</sup> Air Force HQ -
  - a. 8<sup>th</sup> TFW – Kunsan, Republic of Korea:
    - 1. 35<sup>th</sup> TFS: 24 F-16A
    - 2. 35<sup>th</sup> TFS: 24 F-16A
  - b. 51<sup>st</sup> TFW:
    - 1. 24<sup>th</sup> TFS – Suwon, ROK: 18 A-10
    - 2. 36<sup>th</sup> TFS – Osan, ROK: 24 F-4E
    - 3. 497<sup>th</sup> TFS – Taegu, ROK: 24 F-4E
- 3. US 13<sup>th</sup> Air Force HQ – Clark AFB, Philippines:
  - a. 3<sup>rd</sup> TFW – Clark AFB, Philippines:
    - 1. 90<sup>th</sup> TFS: 24 F-4E/G
    - 2. 26<sup>th</sup> Aggressor Squadron: 24 F-5E
- 4. Alaskan Air Command:
  - a. 18<sup>th</sup> TFS, 343<sup>rd</sup> Combined Wing – Eielson AFB, Alaska: 18 A-10
  - b. 43<sup>rd</sup> TFS, 21<sup>st</sup> TFW – Elmendorf AFB, Alaska: 18 F-15A
  - c. 54<sup>th</sup> TFS – Elmendorf AFB, Alaska: 18 F-15
  - d. Unknown Unit: 2 E-3A Sentry

### **STRATEGIC AIR COMMAND (SAC)**

- 1. US 8<sup>th</sup> Air Force - Barksdale AFB, LA: Responsible to provide Recon, Bombing, and Re-Fueling support to Europe
  - a. 2<sup>nd</sup> Bomb Wing - Barksdale AFB, LA:
    - 1. 62<sup>nd</sup> Bomber Squadron: 16 B-52G
    - 2. 596<sup>th</sup> BS: 16 B-52G
  - b. 7<sup>th</sup> Bomb Wing - Carswell AFB, TX:
    - 1. 9<sup>th</sup> BS: 16 B-52H
    - 2. 20<sup>th</sup> BS: 16 B-52H
  - c. 42<sup>nd</sup> Bomb Wing - Loring AFB, ME:
    - 1. 69<sup>th</sup> BS: 16 B-52G
  - d. 97<sup>th</sup> Bomb Wing - Eaker AFB, AR:
    - 1. 325<sup>th</sup> BS: 16 B-52G
  - e. 319<sup>th</sup> Bomb Wing - Grand Forks AFB, ND:
    - 1. 46<sup>th</sup> BS: 17 B-1B
  - f. 379<sup>th</sup> Bomb Wing - Wurtsmith AFB, MI:
    - 1. 524<sup>th</sup> BS: 16 B-52G
  - g. 380<sup>th</sup> Bomb Wing - Plattsburgh AFB, NY:
    - 1. 528<sup>th</sup> BS: 12 FB-111A



2. 529<sup>th</sup> BS: 12 FB-111A
  3. 4007<sup>th</sup> CCTS: 12 FB-111A
  - h. 384<sup>th</sup> Bomb Wing - McConnell AFB, KS:
    1. 13<sup>th</sup> BS: 17 B-1B
  - i. 410<sup>th</sup> Bomb Wing - Sawyer AFB, MI:
    1. 644<sup>th</sup> BS: 16 B-52H
  - j. 416<sup>th</sup> Bomb Wing - Griffiss AFB, NY:
    1. 668<sup>th</sup> BS: 16 B-52G
  - k. 509<sup>th</sup> Bomb Wing - Pease AFB, NH:
    1. 393<sup>rd</sup> BS: 12 FB-111A
    2. 715<sup>th</sup> BS: 12 FB-111A
  - l. 17<sup>th</sup> Strategic Reconnaissance Wing (SRW) - Alconbury, UK: 6 SR-71, 14 TR-1
2. US 15<sup>th</sup> Air Force - March AFB, CA: Responsible to provide Recon, Bombing, and Re-Fueling support as needed
- a. 5<sup>th</sup> Bomb Wing - Minot AFB, ND:
    1. 23<sup>rd</sup> BS: 16 B-52H
  - b. 28<sup>th</sup> Bomb Wing - Ellsworth AFB, SD:
    1. 37<sup>th</sup> BS: 17 B-1B
    2. 77<sup>th</sup> BS: 17 B-1B
  - c. 43<sup>rd</sup> Bomb Wing - Anderson AFB, Guam:
    1. 60<sup>th</sup> BS: 16 B-52H
  - d. 92<sup>nd</sup> Bomb Wing - Fairchild AFB, WA:
    1. 325<sup>th</sup> BS: 16 B-52G
  - e. 93<sup>rd</sup> Bomb Wing - Castle AFB, CA:
    1. 328<sup>th</sup> BS: 16 B-52G
    2. 4017<sup>th</sup> CCTS: ? B-52G/T-38
  - f. 96<sup>th</sup> Bomb Wing - Dyess AFB, TX:
    1. 337<sup>th</sup> BS: 17 B-1B
    2. 338<sup>th</sup> SBTS: 10 B-1B
  - g. 320<sup>th</sup> Bomb Wing - Mather AFB, CA:
    1. 441<sup>st</sup> BS: 16 B-52G
  - h. 6<sup>th</sup> Strategic Reconnaissance Wing (SRW) - Eielson AFB, AK: ? RC-135
  - i. 9<sup>th</sup> Strategic Reconnaissance Wing (SRW) - Beale AFB, CA:
    1. 1<sup>st</sup> Strategic Reconnaissance Squadron (SRS): 6 SR-71A
    2. 9<sup>th</sup> STR: 14 TR-1A
    3. 99<sup>th</sup> SRS: 6 SR-71A
  - j. 55<sup>th</sup> Strategic Reconnaissance Wing (SRW) - Offutt AFB, NB:
    1. 1<sup>st</sup> ACCS: 4 E-4B
    2. 9<sup>th</sup> ACCS: 13 EC-135J
    3. 45<sup>th</sup> SRS: 8 RC-135V

### **US AIR FORCE RESERVE (AFRES)**

1. US 10<sup>th</sup> Air Force HQ - Bergstrom AFB, TX: Responsible to supplement USAF TAC units
  - a. 45<sup>th</sup> Tactical Fighter Squadron (TFS) - Grissom AFB, IN: 18 A-10
  - b. 47<sup>th</sup> TFS - Barksdale AFB, LA: 18 A-10
  - c. 89<sup>th</sup> TFS, 507<sup>th</sup> TFG - Wright-Patterson AFB, OH: 24 F-4D (F-16A in Oct 89)
  - d. 93<sup>rd</sup> TFS, 915<sup>th</sup> TFW - Homestead AFB, FL: 24 F-4D
  - d. 93<sup>rd</sup> TFS, 482<sup>nd</sup> TFW - Homestead AFB, FL: 24 F-4D
  - e. 302<sup>nd</sup> TFS, 944<sup>th</sup> TFG - Luke AFB, AZ: 24 F-16D or E
  - f. 303<sup>rd</sup> TFS - Richards-Gebaur AFB, MO: 18 A-10
  - g. 457<sup>th</sup> TFS - Carswell AFB, TX: 24 F-4E
  - h. 465<sup>th</sup> TFS, 507<sup>th</sup> TFG - Tinker AFB, OK: 24 F-16A Block 10
  - i. 466<sup>th</sup> TFS - Hill AFB, UT: 24 F-16A
  - j. 704<sup>th</sup> TFS - Bergstrom AFB, TX: 24 F-4D
  - k. 706<sup>th</sup> TFS, 926<sup>th</sup> TFW - New Orleans NAS, LA: 18 A-10

## US AIR NATIONAL GUARD (ANG)

**Note:** ANG units will be assigned to one of the regular US Air Forces upon activation. These units, along with the AFRES, are primarily manned by former USAF pilots that maintain a high degree of flight proficiency. AFRES and ANG units are capable of deployment on a short notice to supplement the regular USAF.

### 1. F-15 Eagle units:

- a. 128<sup>th</sup> TFS, 116<sup>th</sup> TFW - Dobbins AFB, GA: 24 F-15A
- b. 122<sup>nd</sup> TFS, 159<sup>th</sup> TFW - New Orleans, LA: 24 F-15A
- c. 101<sup>st</sup> FIS, 102<sup>nd</sup> FIW - Otis ANG Base, MA: 18 F-15A
- d. 199<sup>th</sup> FIS, 154<sup>th</sup> Composite Group - Hickam AFB, Hawaii: 24 F-15A

### 2. F-16 Falcon units:

- a. 186<sup>th</sup> FIS, 120<sup>th</sup> FIW - Great Falls, MT: 18 F-16A ADF (?)
- b. 159<sup>th</sup> TFS, 125<sup>th</sup> FIW - Jacksonville, FL: 18 F-16A Block 15
- c. 182<sup>nd</sup> TFS, 149<sup>th</sup> TFG - Kelly AFB, TX: 24 F-16A Block 15
- d. 134<sup>th</sup> FIS, 158<sup>th</sup> TFG - Burlington, VT: 18 F-16A Block 15
- e. 157<sup>th</sup> TFS, 169<sup>th</sup> TFG - McEntire ANG, SC: 24 F-16A Block 10
- f. 119<sup>th</sup> TFS, 177<sup>th</sup> FIW - Atlantic City, NJ: 18 F-16A Block 15
- g. 184<sup>th</sup> TFG - McConnell AFB, KS:
  - 1. 127<sup>th</sup> TFS: F-4D (F-16 at some point)
  - 2. 161<sup>st</sup> TFS: F-16
  - 3. 177<sup>th</sup> TFS: F-4D (F-16 at some point)
- h. 160<sup>th</sup> TFS, 187<sup>th</sup> TFG - Montgomery, AL: 24 F-16A Block 10 (10/88)
- i. 184<sup>th</sup> TFS, 188<sup>th</sup> TFG - Fort Smith, AR: 24 F-16A Block 15
- g. 114<sup>th</sup> TFS, 142<sup>nd</sup> FIG - Portland, OR: 18 F-16 ADF
- d. 138<sup>th</sup> TFS, 174<sup>th</sup> TFW - Syracuse, NY: F-16A Block 15 w/PAVE CLAW

### 3. F-4 Phantom II units:

- a. 136<sup>th</sup> TFS, 107<sup>th</sup> FIG - Niagara Falls, NY: 18 F-4D
- b. 141<sup>st</sup> TFS, 108<sup>th</sup> TFW - McGuire AFB, NJ: 24 F-4E
- c. 121<sup>st</sup> TFS, 113<sup>th</sup> TFW - Andrews AFB, MD: 24 F-4D
- d. 178<sup>th</sup> FIS, 119<sup>th</sup> FIG - Fargo, ND: 18 F-4D
- e. 163<sup>rd</sup> TFS, 122<sup>nd</sup> TFW - Fort Wayne, IN: 24 F-4E
- f. 110<sup>th</sup> TFS, 131<sup>st</sup> TFW - St Louis, MO: 24 F-4E
- h. 194<sup>th</sup> FIS, 144<sup>th</sup> FIW - Fresno, CA: 18 F-4D (converted to F-16 block 15 ADF mid-89)
- i. 111<sup>th</sup> TFS, 147<sup>th</sup> FIG - Ellington Field, TX: 18 F-4D (F-16A Block 15 12/89)
- j. 179<sup>th</sup> FIS, 148<sup>th</sup> FIG - Duluth, MN: 18 F-4D
- k. 196<sup>th</sup> TFS, 163<sup>rd</sup> TFG - March AFB, CA: 24 F-4E
- l. 113<sup>th</sup> TFS, 181<sup>st</sup> TFG - Terre Haute, IN: 24 F-4E
- m. 170<sup>th</sup> TFS, 183<sup>rd</sup> TFG - Springfield, IL: 24 F-4D (F-16A Block 15 11/89)
- n. 171<sup>st</sup> TFS, 191<sup>st</sup> FIG - Selfridge ANGB, MI: 18 F-4D
- o. 123<sup>rd</sup> TFS, 142<sup>nd</sup> FIG - Portland, OR: 24 F-4C (F-15A late 89 from 318 TFS)

### 4. RF-4C units:

- a. 106<sup>th</sup> TRS, 117<sup>th</sup> TRW - Birmingham, AL: 18 RF-4C
- b. 124<sup>th</sup> TRG - Boise, ID: 18 RF-4C
  - 1. 189<sup>th</sup> TRTS: RF-4C
  - 2. 190<sup>th</sup> TRS: 18 RF-4C
- c. 192<sup>nd</sup> TRS, 152<sup>nd</sup> TRG - Reno, NV: 18 RF-4C
- d. 173<sup>rd</sup> TRS, 155<sup>th</sup> TRG - Lincoln, NB: 18 RF-4C
- e. 153<sup>rd</sup> TRS, 186<sup>th</sup> TRG - Meridian, MS: 18 RF-4C
- f. 165<sup>th</sup> TRS, 123<sup>rd</sup> TRW - Standiford Field, KY: 18 RF-4C (to C-130B, 1/89)

### 5. A-10 Thunderbolt II units:

- a. 118<sup>th</sup> TFS, 103<sup>rd</sup> TFG - Bradley, CT: 18 A-10
- b. 131<sup>st</sup> TFS, 104<sup>th</sup> TFG - Barnes, MA: 18 A-10
- c. 172<sup>nd</sup> TFS, 110<sup>th</sup> TFW – Battle Creek, MI: 18 A-10
- g. 103<sup>rd</sup> TFS, 111<sup>th</sup> TASG (Tactical Air Support Group) – NAS Willow Grove, PA: 18 A-10 (OA-37 until 88)
- d. 126<sup>th</sup> TFS, 128<sup>th</sup> TFW - Truax Field, WI: 18 A-10
- e. 138<sup>th</sup> TFS, 174<sup>th</sup> TFW – Hancock Field, , : 18 A-10
- f. 104<sup>th</sup> TFS, 175<sup>th</sup> TFG - Baltimore, MD: 18 A-10

6. A-7 Corsair II units:

- a. 146<sup>th</sup> TFS, 112<sup>th</sup> TFG - Pittsburgh, PA: 18 A-7
- b. 175<sup>th</sup> TFS, 114<sup>th</sup> TFG - Sioux Falls, SD: 18 A-7
- c. 166<sup>th</sup> TFS, 121<sup>st</sup> TFW - Rickenbacker ANGB, OH: 18 A-7
- d. 107<sup>th</sup> TFS, 127<sup>th</sup> TFW - Selfridge ANGB, MI: 18 A-7
- e. 124<sup>th</sup> TFS, 132<sup>nd</sup> TFW - Des Moines, IO: 18 A-7
- f. 125<sup>th</sup> TFS, 138<sup>th</sup> TFG - Tulsa, OK: 18 A-7
- g. 120<sup>th</sup> TFS, 140<sup>th</sup> TFW - Buckley ANGB, CO: 18 A-7
- h. 186<sup>th</sup> TFS, 150<sup>th</sup> TFG - Kirtland AFB, NM: 18 A-7
- i. 198<sup>th</sup> TFS, 156<sup>th</sup> TFG - San Juan, PR: 18 A-7
- k. 162<sup>nd</sup> TFS, 178<sup>th</sup> TFG - Springfield, OH: 18 A-7
- l. 112<sup>th</sup> TFS, 180<sup>th</sup> TFG - Toledo, OH: 18 A-7
- m. 174<sup>th</sup> TFS, 185<sup>th</sup> TFG - Sioux City, IA: 18 A-7
- n. 149<sup>th</sup> TFS, 192<sup>nd</sup> TFG – Richmond, VA: 18 A-7D

7. Other Units

- a. 169<sup>th</sup> TFS, 182<sup>nd</sup> TASG – Peoria, IL: ? OA-37
- b. [?, 183<sup>rd</sup> TASG – Springfield, IL: OA-37](#)
- j. 162<sup>nd</sup> TFG - Tucson, AZ:
  - 1. 148<sup>th</sup> TFG: 18 F-16A
  - 2. 152<sup>nd</sup> TFG: 18 F-16A
  - 3. 195<sup>th</sup> TFG: 18 A-7K

**Notes:**

For F-16 and F-15 units, where F-XXA (or C) is listed, read as F-XXA/B (or F-XXC/D). The mix of aircraft in each squadron is not available (at least not that I can find). I would appreciate any information on this subject, or any other, that anyone can provide.

## **US MARINE CORPS**

**Note 1:** Depending on the world situation, the USMC could deploy to central Europe. The 2nd Marine Division had a contingency mission to Norway, but could easily have been diverted to CENTAG. The 1<sup>st</sup> Marine Division with a primary mission in the Pacific also could have been assigned to NATO.

1. 1<sup>st</sup> Marine Division - Camp Pendleton, CA:

- a. 1<sup>st</sup> Marine Regiment: 3,715 men
  - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
- b. 5<sup>th</sup> Marine Regiment: 3,715 men
  - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
- c. 7<sup>th</sup> Marine Regiment: 3,715 men
  - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
- d. 11<sup>th</sup> Marine Regiment:
  - 1) 3 Direct Support Battalions: 24 M198 155mm towed each
  - 2) 1 General Support Battalion: 24 M198 155mm towed
  - 3) 1 General Support Battalion: 16 M109, 8 M110
- e. 1<sup>st</sup> Tank Battalion: 71 M60A1, 72 TOW HMMWV, 8 .50 cal HMMWV (Recon)
- f. 1<sup>st</sup> Light Armored Infantry Battalion: 8 LAV-C, 50 LAV-25, 16 LAV-AT, 8 LAV-M, 3 LAV-L, 1 LAV-R

- g. 1<sup>st</sup> Assault Amphibian Battalion: 160 AAVP-7A1
  - h. 1<sup>st</sup> Marine Engineer Battalion:
  - i. 1<sup>st</sup> Marine Recon Battalion:
  - j. 1<sup>st</sup> Marine Light Anti Aircraft Battalion: 75 Stinger
  - k. 1<sup>st</sup> Marine Medium Anti Aircraft Battalion: 18 I-Hawk
2. 2<sup>nd</sup> Marine Division - Camp Lejeune, NC:
- a. 2<sup>nd</sup> Marine Regiment: 3,715 men
    - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
  - b. 6<sup>th</sup> Marine Regiment: 3,715 men
    - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
  - c. 8<sup>th</sup> Marine Regiment: 3,715 men
    - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
  - d. 10<sup>th</sup> Marine Regiment: 96
    - 1) 3 Direct Support Battalions: 24 M198 155mm towed each
    - 2) 1 General Support Battalion: 24 M198 155mm towed
    - 3) 1 General Support Battalion: 16 M109, 8 M110
  - e. 4<sup>th</sup> Tank Battalion: 71 M60A1, 72 TOW HMMWV, 8 .50 cal HMMWV (Recon)
  - f. 2<sup>nd</sup> Light Armored Infantry Battalion: 8 LAV-C, 50 LAV-25, 16 LAV-AT, 8 LAV-M, 3 LAV-L, 1 LAV-R
  - g. 2<sup>nd</sup> Assault Amphibian Battalion: 160 AAVP-7A1
  - h. 2<sup>nd</sup> Marine Engineer Battalion:
  - i. 2<sup>nd</sup> Marine Recon Battalion:
  - j. 2<sup>nd</sup> Marine Light Anti Aircraft Battalion: 75 Stinger
  - k. 2<sup>nd</sup> Marine Medium Anti Aircraft Battalion: 18 I-Hawk
3. 3<sup>rd</sup> Marine Division - Okinawa:
- a. 4<sup>th</sup> Marine Regiment: 3,715 men
    - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
  - b. 9<sup>th</sup> Marine Regiment: 3,715 men
    - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
  - c. 12<sup>th</sup> Marine Regiment (-):
    - 1) 2 Direct Support Battalions: 24 M198 155mm towed each
    - 2) 1 General Support Battalion: 24 M198 155mm towed
    - 3) 1 General Support Battalion: 16 M109, 8 M110
  - d. 3<sup>rd</sup> Tank Battalion: 71 M60A1, 72 TOW HMMWV, 8 .50 cal HMMWV (Recon)
  - e. 3<sup>rd</sup> Light Armored Infantry Battalion: 8 LAV-C, 50 LAV-25, 16 LAV-AT, 8 LAV-M, 3 LAV-L, 1 LAV-R
  - f. 3<sup>rd</sup> Assault Amphibian Battalion: 160 AAVP-7A1
  - g. 3<sup>rd</sup> Marine Engineer Battalion:
  - h. 3<sup>rd</sup> Marine Recon Battalion:
  - i. 3<sup>rd</sup> Marine Light Anti Aircraft Battalion: 75 Stinger
  - j. 3<sup>rd</sup> Marine Medium Anti Aircraft Battalion: 18 I-Hawk
4. 1<sup>st</sup> Marine Brigade - Kaneohe, Hawaii:
- a. 3<sup>rd</sup> Marine Regiment: 3,715 men
    - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
  - b. 1-12<sup>th</sup> Marine Regiment: 24 M198 155mm towed howitzers
5. Non-divisional assets:
- a. 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> Tank Battalions: 71 M60A1 each
  - b. 2-3 Artillery Battalions: 16 M109 or 8 M110 each

### **USMC RESERVES**

1. 4<sup>th</sup> Marine Division - New Orleans, LA:

- a. 23<sup>rd</sup> Marine Regiment: 3,715 men
  - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
- b. 24<sup>th</sup> Marine Regiment: 3,715 men
  - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
- c. 25<sup>th</sup> Marine Regiment: 3,715 men
  - 1) 3 Infantry Battalions: 18 SMAW, 18 60mm mortar, 8 81mm mortar, 32 Dragon each
- d. 14<sup>th</sup> Marine Regiment: 96 M198 155mm towed, 16 M109, 8 M110
- e. 4<sup>th</sup> Tank Battalion: 71 M60A1, 72 TOW HMMWV, 8 .50 cal HMMWV (Recon)
- f. 8<sup>th</sup> Tank Battalion: 71 M60A1, 72 TOW HMMWV, 8 .50 cal HMMWV (Recon)
- g. 4<sup>th</sup> Light Armored Infantry Battalion: 8 LAV-C, 50 LAV-25, 16 LAV-AT, 8 LAV-M, 3 LAV-L, 1 LAV-R
- h. 4<sup>th</sup> Assault Amphibian Battalion: 160 LVTP-7
- i. 4<sup>th</sup> Marine Engineer Battalion:
- j. 4<sup>th</sup> Marine Recon Battalion:
- k. 4<sup>th</sup> Marine Light Anti Aircraft Battalion: 75 Stinger
- l. 4<sup>th</sup> Marine Medium Anti Aircraft Battalion: 18 I-Hawk

## **MARINE AIR UNITS**

Note: Marine Aircraft Group assignments were effectively administrative commands. Units are regularly seconded to other formations, rotated through overseas basing, assigned to Carrier Air Wings, broken down for deployment with Marine units overseas, and generally defy easy location. I have attempted, using unit histories and other resources, to place particular squadrons as of 1989. Units in blue are ones for which I had no firm information, but took an educated guess based on their 1990's assignments and home stations. Any additional information would be appreciated. For a good example of what a sizeable Marine air deployment would look like, see a Desert Storm OOB.

### **Marine Aircraft Squadrons and Groups, 1989**

#### **A. 1<sup>st</sup> Marine Air Wing**

1. **Marine Aircraft Group 12 – Iwakuni, Japan**  
 VMFA-212 “Lancers” – MCAS Iwakuni, Japan: 12 F/A-18C (converted late 1988-early 89)  
 VMA-542 “Flying Tigers” – Iwakuni, Japan: 20 AV-8B (detached from Cherry Point)  
 VMA-331 “Bumblebees” – Iwakuni, Japan: 14 AV-8B (departed when VMA-542 arrived?)
2. **Marine Aircraft Group 24 – Kaneohe Bay, HI**  
 VMFA-232 “Red Devils” – MCAS Kaneohe Bay, HI: 12 F/A-18 (converted mid-89)  
 VMFA-235 “Death Angels” – MCAS Kaneohe Bay, HI: 12 F/A-18 (converted summer 89)  
 HMM-364 “Purple Foxes” – MCAS Kaneohe Bay, HI: 12 CH-46 (SR&M)
3. **Marine Aircraft Group 36 – Futenma, Japan**  
 HMM-262 “Flying Tigers” – MCAS Futenma, Okinawa: 12 CH-46E  
 HMM-265 “Dragons” -- MCAS Futenma, Okinawa: 16 CH-53E (HMM is correct)  
 VMGR-152 – MCAS Futenma, Okinawa, Japan: 8 KC-130F MAG36

#### **B. 2<sup>nd</sup> Marine Air Wing**

1. **Marine Aircraft Group 14 – Cherry Point, NC**  
 VMA(AW)-332 “Polka Dots” – MCAS Cherry Point, NC: 10 A-6E  
 VMA-223 “Bulldogs” – NAS Cherry Point: 20 AV-8B (Converted from A-4 in 87)  
 VMA-231 “Ace of Spades” – NAS Cherry Point: 20 AV-8B  
 VMGR-252 “Otis” – NAS Cherry Point: 8 KC-130F/R
2. **Marine Aircraft Group 26 – New River, NC**  
 HMLA-167 “Warriors” -- MCAS(H) New River, NC: 12 AH-1T, 12 UH-1N  
 HMM-261 “Raging Bulls” -- MCAS(H) New River, NC: 12 CH-46E  
 HMM-264 “Black Knights” -- MCAS(H) New River, NC: 12 CH-46E  
 HMM-266 “Fighting Griffons” -- MCAS(H) New River, NC: 12 CH-46E  
 HMM-362 “Ugly Angles” – MCAS(H) New River, NC: 16 CH-53D

HMH-461 "Sea Stallions" -- MCAS(H) New River, NC: 16 CH-53E

**3. Marine Aircraft Group 29 – New River, NC**

HMLA-269 "Gunrunners" – MCAS(H) New River, NC: 12 AH-1T, 12 UH-1N (took 12 -1W, 3 -1T, 6 -1N to ODS)

HMM-162 "Golden Eagles" – MCAS(H) New River, NC: 12 CH-46E

HMM-263 "Thunder Eagles" -- MCAS(H) New River, NC: 12 CH-46E

HMM-365 "Blue Knights" – MCAS(H) New River, NC: 12 CH-46E

HMH-464 "Condors" – MCAS (H) New River, NC: 16 CH-53E

VMO-1 – MCAS (H) New River, NC: 12 OV-10A/D (regularly rotated with VMO-2)

**4. Marine Aircraft Group 31 – Beaufort, SC**

VMFA-115 "Silver Eagles" – MCAS Beaufort, SC: 12 F/A-18

VMFA-122 "Crusaders" – MCAS Beaufort, SC: 12 F/A-18

VMFA-251 "Thunderbolts" – MCAS Beaufort, SC: 12 F/A-18 (converted 86)

VMFA-312 "Checkertails" – MCAS Beaufort, SC: 12 F/A-18 (converted 88)

VMFA-451 "Warlords" – MCAS Beaufort, SC: 12 F/A-18 (converted from F-4S in 87)

VMFA-333 "Shamrocks" – MCAS Beaufort, SC: 12 F/A-18 (converted from F-4S in 87)

**C. 3<sup>rd</sup> Marine Air Wing**

**1. Marine Aircraft Group 11 – El Toro, CA**

VMFA-314 "Black Knights" – MCAS El Toro, CA: 12 F/A-18A (converted Jan 83)

VMFA-323 "Death Rattlers" – MCAS El Toro, CA: 12 F/A-18A (converted March 83)

[VMFA-531 "Grey Ghosts" – MCAS El Toro: 12 F/A-18A \(converted 83\)](#)

VMFA(AW)-242 "Batman" – MCAS El Toro, CA: 12A-6E

VMGR-352 "Raiders" – Miramar NAS: 8 KC-130F/R

**2. Marine Aircraft Group 13 – Yuma, AZ**

VMA-211 "Wake Island Avengers" – MCAS Yuma: 12 A-4M

VMA-214 "Black Sheep" – MCAS Yuma: 12 A-4M (converted to AV-8B Night Attack, June 89)

VMA-311 "Tomcats" – MCAS Yuma: 20 AV-8B

VMA-513 "Flying Nightmares" – MCAS Yuma : 20 AV-8B

**3. Marine Aircraft Group 16 – MCAS Miramar, CA**

HMM-161 "Greyhawks" – MCAS El Toro: 12 CH-46E

HMM-163 "Evil Eyes" – MCAS El Toro: 12 CH-46E

HMM-164 "Knightriders" – MCAS (H) Tustin, CA: 12 CH-46E

HMM-165 "White Knights" – MCAS El Toro: 12 CH-46E

HMM-166 "Sea Elks" – MCAS (H) Tustin, CA: 12 CH-46E

HMM-268 "Red Dragons" – MCAS (H) Tustin, CA: 12 CH-46E

HMH-361 "Flying Tigers" – MCAS (H) Tustin: 16 CH-53D

HMH-363 "Red Lions" -- MCAS (H) Tustin, CA: 16 CH-53D

HMH-462 "Heavy Haulers" – MCAS (H) Tustin, CA: 16 CH-53D

HMH-465 "War Horses" -- MCAS (H) Tustin, CA: CH-53E

HMH-466 "Wolf Pack" – MCAS El Toro: 16 CH-53E

**4. Marine Aircraft Group 39 – Camp Pendleton**

HMLA-169 "Vipers" – Camp Pendleton: 12 AH-1, 12 UH-1N

HMLA-267 "Stingers" – Camp Pendleton: 12 AH-1W, 12 UH-1N

HMLA-367 "Scarface" – Camp Pendleton: 12 AH-1J, 12 UH-1N (at various times held 6 AH-1, 16 UH-1)

HMLA-369 "Gunfighters" – Camp Pendleton: 12 AH-1W, 12 UH-1N

VMO-2 – Camp Pendleton: 12 OV-10A/D

**D. Other Regular Marine Units**

**1. 3<sup>rd</sup> MAW unit seconded to CVW-2**

VMA(AW)-121 "Green Knights" – MCAS El Toro, CA : 10 A6E (converted to F/A-18D on Dec. 8, 89)

**2. Serving with USS Constellation and working up in the Phillipines**

VMA(AW)-224 “Bengals” – MCAS Cherry Point, NC: A-6E

**3. Specialist Units (MAG unsure)**

VMA(AW)-533 “Hawks” – MCAS Cherry Point, NC: KA-6D (? Converted to F/A-18D in 1992, is listed by some sources as A-6E during Desert Storm)

VMAQ-2 “Panthers” – MCAS Cherry Point, NC: EA-6B (consisted of detachments X, Y, Z, which were farmed out as needed.)

VMAQ-4 “Seahawks” – NAS Whidbey Island, WA: EA-6A

VMFP-3 “Eyes of the Corps” – 21 RF-4B

**4. Training Units**

VMFAT-101 “Sharpshooters” – MCAS El Toro, CA: 12 F/A-18 (training)

VMFT-401 “Snipers” – MCAS Yuma, AZ: 13 F-21 Kfir (Israel), change to 13 F-5E in mid-89

VMAT-203 – Cherry Point NAS, NC: AV-8B, 18 TAV-8A, 14 TAV-8B (training)

HMT-204 -- MCAS(H) New River, NC: CH-46E (training unit)

VMGRT-253 “Titans” – NAS Cherry Point: KC-130 (training)

HMT-301 “Windwalkers” – MCAS (H) Tustin, CA: CH-46E, CH-53E (training)

HMT-302 – MCAS (H) New River, NC: CH-53A, E (training)

HMT-303 “Atlas” – Camp Pendleton: 12 AH-1, UH-1N (training unit)

**5. Other Units, Affiliation Unkown**

HMM-463 “Pineapples” -- : 16 CH-53

**E. 4<sup>th</sup> Marine Air Wing (Reserve)**

**1. Marine Aircraft Group 41 – Dallas, TX**

VMFA-112 “Cowboys” – NAS Dallas: 12 F-4S

VMFA-322 “Sea Serpents” – NAS Dallas: 12 F/A-18

VMGR-234 – NAS Glenview, IL: 8 KC-130T

**2. Marine Aircraft Group 42**

VMA-142 “Flying Gators” – NAS Cecil Field, FL: 12 A-4M

VMA-124 “Whistling Death” – NAS Memphis: 12 A-4M Skyhawk (at least as late as 1987)

HMLA-767 – New Orleans NAS, LA: 12 UH-1N

HMA-773 “Red Dogs” – NAS Atlanta: 12 AH-1J

HMM-774 “Wild Goose” – NAS Norfolk, VA: 12 CH-46E

**3. Marine Aircraft Group 43**

VMFA-134 “Hawks” – MCAS El Toro, CA: 12 F/A-18 (converted from F-4 in early 89)

**4. Marine Aircraft Group 46**

VMA-133 “Dragons” – NAS Alameda, CA: 12 A-4M (from A-4F in 89)

HMA-775 “Coyotes” – Camp Pendleton: 12 AH-1J

HMM-764 “Moonlighters” – Edwards AFB, CA: 12 CH-46E

HMH-769 “Road Hogs” – NAS Alameda, CA: 16 CH-53A

**5. Marine Aircraft Group 49**

VMFA-321 “Hell’s Angels” – Andrews AFB, MD: 12 F-4S

VMA-131 “Diamondbacks” – NAS Willow Grove, PA: 12 A-4M (from A-4F in 88)

HMH-772 “Flying Armadillos” – NAS Willow Grove, PA: CH-53A

HMLA-771 “Hummers” – South Weymouth NAS, MA: 12 UH-1N

VMGR-452 – Steward ANG Base, NY: 8 KC-130T

**6. Other 4<sup>th</sup> MAW Units**

VMO-4 – Atlanta NAS: 12 OV-10A

**US NAVAL AIR POWER**

## A. Atlantic

### 1. Carrier Air Wing One (CVW1) –USS America (82-96)

VF-33 “Starfighters” –NAS Oceana: 12 F-14  
VF-102 “Diamondbacks” – NAS Oceana: 12 F-14B  
VA-85 “Black Falcons” – NAS Oceana: A-6E  
VFA-82 “Marauders” – NAS Cecil Field: 12 F/A-18C (from A-7E, 87)  
VFA-86 “Sidewinders” – NAS Cecil Field: 12 F/A-18C (from A-7E, 11/87)  
VAQ-137 “Rooks” – NAS Whidbey Island: EA-6B ICAP II (regularly shifted between wings)  
VS-32 “Maulers” – NAS Jacksonville: 8 S-3A (to -3B in 11/89)  
VAW-123 “Screwtops” – NAS Norfolk: 4 E-2C  
HS-11 “Dragonslayers” – NAS Jacksonville: SH-3

### 2. CVW3 “Battleaxe” –USS John F. Kennedy

VF-14 “Tophatters” – NAS Oceana: 12 F-14A  
VF-32 “Swordsman” – NAS Oceana: 12 F-14  
VA-46 “Clansmen” – NAS Cecil Field: 12 A-7E  
VA-72 “Blue Hawks” – NAS Cecil Field: 12 A-7E  
VA-75 “Sunday Punchers” – NAS Oceana: A-6E  
VAW-126 “Seahawks” – NAS Norfolk: 4 E-2C  
VAQ-130 “Zappers” – NAS Whidbey Island: EA-6B ICAP II (regularly shifted between wings)  
VS-22 “Checkmates” – NAS Cecil Field, FL: S-3A (might be B)  
HS-7 “Dusty Dogs” – NAS North Island: SH-3H

### 3. CVW6 – USS Forrestal

VF-11 “Red Rippers” – NAS Oceana: 12 F-14  
VF-31 “Tomcatters” – NAS Oceana: 12 F-14A  
VA-37 “Bulls” – NAS Oceana: 12 A-7E (F/A-18A 12/90)  
VA-105 “Gunslingers” – NAS Cecil Field: A-7E (F/A-18A 1/90)  
VA-176 “Thunderbolts” – NAS Oceana: A-6E  
HS-15 “Red Lions” – NAS Jacksonville: SH-3H

### 4. CVW7 –USS Eisenhower (79-92)

VF-142 “Ghostriders”: 12 F-14A (to B 4/89)  
VF-143 “Pukin’ Dogs” – NAS Oceana: 12 F-14A (to B in 89)  
VA-34 “Blue Blasters” – NAS Oceana: A-6E  
VFA-131 “Wildcats” – NAS Cecil Field: 12 F-18A (to C, 11/90)  
VAW-121 “Blue Tails” – NAS Norfolk: 4 E-2C  
VAQ-140 “Patriots” – NAS Whidbey Island: 4 EA-6B  
VS-31 “Topcats” – NAS Cecil Field, FL: 8 S-3B (from A in late 88)  
HS-5 “Nightdippers” – NAS Jacksonville: 6 SH-3H

Note: many elements of CVW7 would have been in “turnaround” in 1989, as Eisenhower sailed in early 1990.

### 5. CVW8 – USS Roosevelt (88-95, Nimitz prior)

VF-41 “Black Aces” – NAS Oceana: 10 F-14A  
VA-35 “Black Panthers” – NAS Oceana: A-6E (to CVW17, 9/89)  
VA-36 “Roadrunners” – NAS Oceana: A-6E  
VFA-15 “Valions” – NAS Oceana: 12 F/A-18A  
VFA-87 “Golden Warriors” – NAS Cecil Field: 12 F/A-18A  
VAQ-141 “Shadowhawks” – NAS Whidbey Island: 5 EA-6  
VAW-124 “Bear Aces” – NAS Norfolk: 5 E-2C  
VS-24 – NAS Cecil Field, FL: 10 S-3A  
HS-3 “Tridents” – NAS Jacksonville: 6 SH-3H or SH-60

### 6. CVW13 – USS Coral Sea

VFA-132 “Privateers” – NAS Cecil Field: 12 F/A-18A (to CVW6 10/90)  
VFA-136 “Knight Hawks” – Cecil Field NAS: 12 F/A-18A (to C, 11/90) (to CVW7, 3/90)



VFA-137 “Kestrels” – NAS Cecil Field: 12 F/A-18A (to CVW6, 10/90)  
 VA-55 “Warhorses” – NAS Oceana: A-6E (disestablished, 1/91)  
 VA-65 “Tigers” – NAS Oceana: A-6E (to CVW8, 10/89)  
 VAQ-133 “Wizards” – NAS Whidbey Island: 4 EA-6B  
 VAW-127 “Seabats” – NAS Norfolk: 4 E-2C  
 HS-17 “Neptunes Raiders” – NAS Jacksonville: SH-3H  
 (generally didn’t have VS)

## **7. CVW17 –USS Saratoga (82-94)**

VF-74 “Bedevilers” – NAS Oceana: 12 F-14A (to B in 89)  
 VF-84 “Jolly Rogers” – NAS Oceana: 12 F-14A  
 VFA-81 “Sunliners” – NAS Oceana: 12 F/A-18C (from A-7E, 3/88)  
 VFA-83 “Rampagers” – NAS Cecil Field: 12 F/A-18C (from A-7E, 3/88)  
 VAQ-132 “Scorpions” – NAS Whidbey Island: 4 EA-6B  
 VAW-125 “Tiger Tails”: 4 E-2C  
 VS-30 “DiamondCutters”: 8 S-2B

## **B. Pacific**

### **1. CVW2 -- USS Ranger**

VF-1 “Wolfpack” – NAS Miramar: 12 F-14A  
 VF-2 “Bounty Hunters” – NAS Miramar: 12 F-14A  
 VA-145 “Swordsmen” – NAS Whidbey Island: A-6E TRAM  
 VA-155 “Silver Foxes” – NAS Whidbey Island: A-6E  
 VAQ-131 “Lancers”: EA-6B  
 VAW-2 “Sun Kings” – NAWS Point Mugu: 4 E-2C  
 VS-38 “Red Griffons” – NAS North Island: 8 S-3A  
 HS-14 “Chargers” – NAS North Island: 6 SH-3H

### **2. CVW5 – USS Midway – Japan:**

VA-115 “Eagles” – NAS Lemoore: 9 A-6E  
 VA-185 “Nighthawks” – NAS Atsugi: 9 A-6E  
 VFA-151 “Vigilantes” – NAF Atsugi: 12 F/A-18A  
 VFA-192 “Golden Dragons” – NAF Atsugi: 12 F/A-18A  
 VFA-195 “Dambusters” – NAF Atsugi: 12 F/A-18A (may have still been A-7E)  
 VAQ-136 “Gauntlets” – NAF Atsugi: 4 EA-6B ICAP II  
 VAW-115 “Liberty Bells” – NAF Atsugi: 4 E-2C  
 HS-12 “Wyverns” – NAS Atsugi: 6 SH-3H

### **3. CVW9 – USS Nimitz (87-98, except brief period early 90 when on Constellation)**

VF-24 “Fighting Renegades” – NAS Lemoore: 12 F-14A (to B in 4/89)  
 VF-211 “Fighting Checkmates” – NAS Miramar: 12 F-14A (to B 4/89)  
 VA-146 “Blue Diamonds” – NAS Lemoore: 12 A-7E (VFA-146, F/A-18C 6/89)  
 VA-147 “Argonauts” – NAS Lemoore: 12 A-7E (to VFA-147, F/A-18C 7/89)  
 VA-165 “Boomers” – NAS Whidbey Island: A-6E  
 VAW-12 “Golden Hawks” – NAS Point Mugu: 4 E-2C (E-2C+ 8/89)  
 VAQ-138 “Yellowjackets” – NAS Whidbey Island: 4 EA-6B ICAP II  
 VS-33 “Screwbirds” – NAS North Island: 4 E-2C  
 HS-2 “Red Falcons” – NAS North Island: 6 SH-3H

### **4. CVW11 -- USS Enterprise (82-90)**

VF-114 “Aardvarks” – NAS Miramar: 12 F-14A  
 VF-213 “Blacklions” – NAS Miramar: 12 F-14A  
 VA-95 “Green Lizards” – NAS Whidbey Island: A-6E  
 VA-22 “Fighting Redcocks” – NAS Lemoore: 12 A-7E (F/A-18C 7/90)  
 VA-94 “Mighty Shrikes” – NAS Lemoore: 12 A-7E (F/A-18C 5/90)  
 VAW-117 “Wallbangers” – NAWS Point Mugu: 4 E-2C (E-2C+ 90)  
 VAQ-135 “Black Ravens” – NAS Whidbey Island: 5 EA-6B ICAP II (from I in 88)  
 VS-21 “Fighting Redtails” – NAS North Island: 8 S-3A  
 HS-6 “Indians” – NAS North Island: 6 SH-3H

- 5. CVW-14 -- USS Constellation** (to USS Independence, 6/90)  
VF-21 "Freelancers" – NAS Lemoore: 12 F-14A  
VF-154 "Black Nights" – NAS Lemoore: 12 F-14A  
VFA-25 "Fist of the Fleet" – NAS Lemoore: 12 F/A-18A (-18C 6/89)  
VFA-113 "Stingers" – NAS Lemoore: 12 F/A-18A (-18C in 6/89)  
VA-196 "Main Battery" – NAS Whidbey Island: A-6E  
VAW-113 "Black Eagles" – NAS Point Mugu: 4 E-2C  
[VAQ-132 "Cougars" – NAS Whidbey Island: 4 EA-6B ICAP II](#)  
VS-37 "Sawbucks" – NAS North Island: 8 S-3A  
HS-8 "Eightballers" – NAS North Island: 6 SH-3H

- 6. CVW15 – USS Carl Vinson**  
VF-51 "Screaming Eagles" – NAS Lemoore: 12 F-14A  
VF-111 "Sundowners" – NAS Lemoore: 12 F-14A  
VA-97 "Warhawks" – NAS Lemoore: 12 A-7E  
VA-27 "Chargers" – NAS Lemoore: 12 A-7E  
VA-52 "Knightriders" – NAS Whidbey Island: A-6E  
VAQ-134 "Garudas" – NAS Whidbey Island: 4 EA-6B  
VAW-114 "Hormel Hawgs" – NAS Point Mugu: 4 E-2C+  
VS-29 "Dragonfires" – NAS North Island: 8 S-3A  
HS-4 "Black Knights" – NAS North Island: 6 SH-3H

## C. Reserve Air Wings

- 1. CVWR20**  
VF-201 "Hunters" – NAS Dallas: 12 F-14A  
VF-202 "Superheat" – NAS Dallas: 12 F-14A  
VA-203 "Dolphins" – NAS Cecil Field: 12 A-7E (to VFA-203, F/A-18A 11/89)  
VA-204 "River Rattlers" – NAS New Orleans: 12 A-7E  
VA-205 "Green Falcons" – NAS Atlanta: A-6E  
VAK-208 "Jockeys" – NAS Alameda: KA-3B tankers (disestablished 9/89)  
VAQ-209 "Star Warriors" – NAS Washington DC: 4 EA-6A  
VAW-78 "Fighting Escargots" – NAS Norfolk: 4 E-2C  
HS-75 "The Emerald Knights" – NAS Jacksonville: 8 SH-3H
- 3. CVWR30**  
VF-301 "Devil's Disciples" – NAS Miramar: 12 F-14A  
VF-302 "Stallions" – NAS Miramar: 12 F-14A  
VFA-303 "Golden Hawks" – NAS Lemoore: 12 F/A-18A  
VA-304 "Firebirds" – NAS Alameda: A-6E  
VFA-305 "Lobs" – NAS Point Mugu: 12 F/A-18A (may have still been VA-305, A-7E)  
VAK-308 "Griffins" – NAS Alameda: KA-3B tankers (disestablished 9/88)

## D. Training/Conversion Units

- 1. COMLATWING One**  
VFA-106 "Gladiators" – NAS Cecil Field: F/A-18D
- 2. COMMATWING One**  
VA-42 "Green Pawns" – NAS Oceana: A-6E  
VF-101 "Grim Reapers" – NAS Norfolk: F-14B (from A in 88)  
VA-174 "Hell Razors" – NAS Cecil Field: TA-7C (disestablished 6/88)
- 3. COMLATWINGPAC**  
VF-124 "Gunfighters" – NAS Miramar: F-14A (to D in 90)  
VFA-125 "Rough Raiders" – NAS Lemoore: F/A-18B,C,D  
VA-122 "Flying Eagles" – NAS Lemoore: T-A7C  
VA-128 "Golden Intruders" – NAS Whidbey Island: A-6E (also responsible for USMC crews 86-)

#### **4. Adversary Training**

VFA-127 “Cylons” – NAS Fallon: F-5E, F

VFC-12 “Fighting Omars” – NAS Oceana: A-4 “Super Foxes”? (Reserve)

VFC- 13 “Fighting Saints” – NAS Fallon: A-4E (Reserve)

#### **5. Test & Evaluation**

VX-4 – NAWS China Lake

VX-5 – NAWS China Lake

### **E. Other Units of Note**

**1. CVW10.** This wing was formed in 1986, but disestablished in 1988. I believe the following would have been assigned to it:

VF-191 “Satan’s Kittens” – NAS Miramar: F-14A (disestablished 87-88?)

VF-194 “Red Lightnings” – NAS Miramar: F-14A (disestablished 87-88)

VFA-151 “Chargers” – NAS Lemoore: F-18A (former CVW5 unit, disbanded late 1988)

#### **2. Recently Disestablished Units**

I believe the following were disestablished as a number of new F/A-18 squadrons were formed:

VA-12 “Clinchers” – NAS Cecil Field: A-7E (former CVW7, disestablished 1986)

VA-56 “Champions” – NAS Lemoore: A-7E (former CVW5, disestablished 1986)

VA-66 “Waldos” – NAS Cecil Field: A-7E (former CVW3, disestablished 1986)

VA-93 “Ravens” – NAS Lemoore: A-7E (former CVW5, disestablished 1986)

**Note 1:** Items in blue are squadrons whose subordination I believe to be the case, but cannot completely confirm

**Note 2:** A-6E squadrons are generally a mix of A-6E and KA-6D tankers. According to Combat Fleets of the World 1990-91, the standard squadron had 10 A-6E and 4 KA-6D. Squadrons on the Kennedy had 12 and 2, while those on the Midway had 9 and 0 and the Roosevelt 10 and 0.

## **UNITED KINGDOM OF GREAT BRITAIN**

## **UNITED KINGDOM OF GREAT BRITAIN**

## **BRITISH ARMY OF THE RHINE (BAOR)**

Note 1: The BAOR Commander was the Northern Army Group (NORTHAG) Commander controlling the 1st British Corps, III US Corps, Dutch and Belgium Corps, 2nd French Corps and Rapide Action Force, and the 1st German Corps.

Note 2: BAOR forces would take 1-4 days to fully mobilize and deploy to GDP positions and maintains 14 days of war stocks.

Note 3: The British Mech Infantry Battalions (Warriors or FV432) used FV432's or Spartan variants, 8 for the mortars, 14 for the Milan's, and 4 for the medics.

Note 4: (U) means the unit did a tour (usually 6 months) in Northern Ireland during the year

### 1. BAOR GHQ - Rheindahlen, FRG: NORTHAG HQ

- a. 10th Field Squadron, Royal Engineers - Gutersloh, FRG: 24 FV432, 12 Spartan, 9 engineer vehicles
- b. 40th Army Support Group, Royal Engineers - Willich, FRG: 24 FV432, 12 Spartan, 9 engineer vehicles
- c. 12th Helicopter Flight, Army Air Corps - Wildenrath, FRG:

### 2. 1st British Corps GHQ - Bielefeld, FRG: assigned to BAOR

#### a. 1st Armoured Division - Verden, FRG:

- 1) 7th Armoured Brigade - Soltau, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) The Royal Scots Dragoon Guards: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret (from 1st Bde, 11/88)
  - b) 2nd Royal Tank Regiment: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - c) 1st Bn, The Staffordshire Regt: 45 Warrior, 4 Sultan, 8 Scimitar, 26 FV432, 7 Ferret, 8 81mm Mtr, 24 Milan
- 2) 12th Armoured Brigade - Osnabruck, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) 4th Royal Tank Regiment: 57 Chieftain, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - b) 1st Bn, The Royal Irish Rangers: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan (from 8th Bgde, 2/89)
  - c) 1st Bn, The Royal Greenjackets:
- 3) 22nd Armoured Brigade - Hohne, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) The Queen's Own Hussars: 57 Chieftain, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret (to Challenger during 1989)
  - b) 1st Bn, The Scots Guard: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
  - c) 2nd Bn, The Royal Anglian Regiment: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan (U) (to Warrior, 1/90)
- 4) 1st Division Artillery Group - Hohne, FRG:
  - a) 4th Field Regiment, Royal Artillery – Hohne, FRG: 24 M109A2
  - b) 40th Field Regiment, Royal Artillery – Osnabruck, FRG: 24 M109A2
  - c) 1st Field Regiment, Royal Artillery – Hohne, FRG: 24 Abbot 105mm SP howitzers
- 5) 21st Royal Engineer Regiment - Nienburg, FRG: 30 FV432, 12 Spartan, 12 AVRE, and 12 AVLB
- 6) 1st Air Defense Regiment - Hildesheim, FRG: 6 Rapier, 36 Javelin
- 7) 1st Regiment, Army Air Corps - Hildesheim, FRG: 12 Lynx (TOW), 12 Gazelle, + 1 more squadron (12 Gazelle or Lynx(TOW))

#### b. 3rd Armoured Division: Soest, FRG:

- 1) 4th Armoured Brigade - Munster, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) The 14th/20th King's Hussars: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret (Squadron to Berlin?)
  - b) The 15th/19th King's Hussars: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - c) 1st Bn, Grenadier Guards: 45 Warrior, 4 Sultan, 8 Scimitar, 26 FV432, 7 Ferret, 8 81mm Mtr, 24 Milan

- 2) 6th Armoured Brigade - Soest, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) The 1st Royal Tank Regiment: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - b) 3rd Bn, The Royal Regiment of Fusiliers: 45 Warrior, 4 Sultan, 8 Scimitar, 26 FV432, 7 Ferret, 8 81mm Mtr, 24 Milan (from FV432, 9/89)
  - c) 1st Bn, Gordon Highlanders: [leftover from when 6th was airmobile brigade?]
- 3) 33rd Armoured Brigade - Paderborn, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) The 5th Royal Inniskilling Dragoon Guards: 57 Chieftain, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - b) 1st Bn, The Queen's Lancashire Regiment: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
  - c) 1st Bn, The Royal Scots: 45 Warrior, 4 Sultan, 8 Scimitar, 26 FV432, 7 Ferret, 8 81mm Mtr, 24 Milan
  - d) 1st Bn, Queen's Own Highlanders: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
- 4) 3rd Division Artillery Group - Munster, FRG:
  - a) 2nd Field Regiment, Royal Artillery: 24 M109A2
  - b) 19th Field Regiment, Royal Artillery: 24 Abbot 105mm SP howitzers
- 5) 26th Field Regiment, Royal Engineers - Iserlohn, FRG: 30 FV432, 12 Spartan, 12 AVRE, and 12 AVLB
- 6) 3rd Air Defense Regiment - Soest, FRG: 6 Rapier, 36 Javelin
- 7) 3rd Regiment, Army Air Corps - Soest, FRG: 12 Lynx (TOW), 12 Gazelle, + 1 more squadron (12 Gazelle or Lynx(TOW))

c. 4th Armoured Division - Hammersmith, UK:

- 1) 11th Armoured Brigade - Minden, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) The 3rd Royal Tank Regiment: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - b) 1st Bn, Argyll & Sutherland Highlanders (from 19th Brigade, 1/89):
  - c) 2nd Bn, The Queens Regiment: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
- 2) 20th Armoured Brigade - Detmold, FRG: 4 Sultan, 4 Spartan, and 4 Ferret
  - a) The Life Guards: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - b) The 4th/7th Royal Dragoon Guards: 56 Challenger, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret
  - c) 2nd Bn, The Royal Irish Rangers: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
- 3) 19th Infantry Brigade: Stationed in UK.
- 4) 4th Division Artillery Group - Paderborn, FRG:
  - a) 3rd Field Regiment, Royal Artillery: 24 M109A2
  - b) 27th Field Regiment, Royal Artillery: 24 M109A2
  - c) 47th Field Regiment, Royal Artillery: 24 Abbot 105mm SP howitzers
- 5) 35th Field Regiment, Royal Engineers - Hamlen, FRG: 30 FV432, 12 Spartan, 12 AVRE, and 12 AVLB
- 6) Air Defense Regiment - Dortmund, FRG: 6 Rapier, 36 Javelin
- 7) 4th Regiment, Army Air Corps - Dortmund, FRG: 12 Lynx (TOW), 12 Gazelle, + 1 more squadron (12 Gazelle or Lynx(TOW))

d. 1st Artillery Brigade - Bielefeld, FRG:

- 1) 5th Heavy Artillery Regiment - Dortmund, FRG: 12 M110 203mm SP howitzers
- 2) 32nd Heavy Artillery Regiment - Dortmund, FRG: 16 M107 175mm SP howitzers (possibly 12)
- 3) 39th Heavy Artillery Regiment - Sennelager, FRG: 16 M107 175mm SP howitzer
- 3) 50th Missile Regiment - Minden, FRG: 12 Lance
- 4) 12th Light Air Defense Regiment - Dortmund, FRG: 24 SP Rapier, 24 towed Rapier
- 5) 22nd Light Air Defense Regiment - Dortmund, FRG: 24 SP Rapier, 24 towed Rapier

e. 16th/5th Queen's Royal Lancers: 3 Sultan, 4 Ferret

- 1) four squadrons, each:
  - a. SHQ: 2 Sultan, 1 Ferret, 1 Samson, 1 Spartan
  - b. 3 Sections, totaling: 12 Scimitars
  - c. AT Section: 4 Strikers
  - d. Support Section: 4 Spartans (+ scouts, GSR?)

f. The Blues & Royals Recce Regiment : 3 Sultan, 4 Ferret

- 1) four squadrons, each:
  - a. SHQ: 2 Sultan, 1 Ferret, 1 Samson, 1 Spartan
  - b. 3 Sections, totaling: 12 Scimitars

- c. AT Section: 4 Strikers
  - d. Support Section: 4 Spartans (+ scouts, GSR?)
  - g. 23rd Engineer Regiment - Osnabruck, FRG:
  - h. 25th Amphibious Engineer Regiment - Osnabruck, FRG: 36 Ferries
  - i. 32nd Armored Engineer Regiment - Munsterlager, FRG: 24 FV432, 12 Spartan, 12 AVRE, and 12 AVLB
  - j. 664th Army Aviation Squadron - Minden, FRG:
3. UK Berlin Infantry Brigade - is an independent unit from the BAOR: 4 Sultan, 4 Spartan
- a. 1st Bn, The Black Watch: (to 39 Inf Brigade, 7/89, replaced by 1 bn, Royal Welch Fusiliers)
  - b. 1st Bn, The King's Regiment: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
  - c. 1st Bn, The Duke of Edinburgh's Royal Berkshire and Wiltshire Regt: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
  - d. 1st Bn, The Light Infantry: 8 81mm mortars, 6 Milan, 4 .50 cal mg (from 3rd Bgde, 2/89)
  - e. C Squadron, 14/20<sup>th</sup> Hussars: 14 Chieftain, 1 Sultan, 1 Spartan, and 1 Ferret
  - f. 38 (Berlin) Field Squadron, Royal Engineers:
  - g. 7 Flight, Army Air Corps:
  - h. 6 Troop, 46 Air Defence Battery:

**Note 1:** By 1988, the UK had taken delivery of 75 Milan firing post turrets for Spartan APCs. There was supposed to be 4 Spartan/Milan vehicles for each BAOR mechanised battalion (and perhaps those destined to reinforce BAOR?)

## **BRITISH ARMY-UNITED KINGDOM**

1. 2nd Infantry Division - York, UK: Reinforces BAOR 1st British Corps
- a. 24th Airmobile Brigade - Catterick, UK: 4 Sultan, 4 Spartan, and 4 Ferret
    - 1) 1st Bn, The Prince of Wales Own Regt of Yorkshire: Light Role
    - 2) 1st Bn, The Green Howards: Light Role
    - 3) 3rd Regiment, Royal Horse Artillery: 24 155mm FH-70
    - 4) 51 Field Squadron, Royal Engineers:
    - 5) 9th Regiment, Army Air Corps:
  - b. 15th Territorial Army Brigade - Topcliffe, UK: 4 Saxon, and 4 Ferret
    - 1) The Queen's Own Yeomanry (TA) – Newcastle upon Tyne: 80 Fox, 20 Spartan, 11 Sultan, 11 Ferret, 5 Samaritan
      - a) A Squadron (Ayrshire Yeomanry) – Ayr
      - b) C Squadron (Cheshire Yeomanry) – Chester
      - c) D Squadron (Northumberland Hussars) – Cramlington
      - d) Y Squadron (Yorkshire Yeomanry) – York
    - 2) 1st Bn, The Yorkshire Volunteers (TA) – Lumley Barracks, York: Light Role
      - a) A Co (Green Howards)
      - b) B Co (Green Howards)
      - c) C Co (Green Howards)
      - d) D Co (Prince of Wales Regt of Yorkshire)
    - 3) 2nd Bn, The Yorkshire Volunteers (TA) – Worsely Barracks, York: Light Role
      - a) A Co – York:
      - b) B Co – Hull:
      - c) C Co (Leeds Rifles) – Castleborough:
      - d) D Co (Green Howards) – Scarborough:
    - 4) 6th Bn, The Royal Regiment of Fusiliers (TA) – Newcastle upon Tyne: Light Role
      - a) W Co – Berwick upon Tweed:
      - b) X Co – Sandyford:
      - c) Y Co – Newcastle:
      - d) Z Co – Ashington:
      - e) St. Lucia Co (HSF):

- c. 49th Territorial Army Brigade - Chilwell, UK: 4 Saxon, and 4 Ferret
    - 1) The Royal Yeomanry (TA) – Chelsea, London: 80 Fox, 20 Spartan, 11 Sultan, 11 Ferret, 5 Samaritan
      - a) A Squadron (Royal Wiltshire Yeomanry) – Swindon and Trowbridge
      - b) B Squadron (Sherwood Rangers Yeomanry) – Carlton, Nottinghamshire
      - c) C Squadron (Kent and County of London) – Croydon
      - d) D Squadron (North Irish Horse) -- Belfast
    - 2) 5th Bn, The Royal Anglian Regiment (TA) – Peterborough: Light Role
      - a) No 1 (Essex) Co
      - b) No 2 (Northamptonshire) Co
      - c) No 3 (Essex) Co
      - d) No 4 (Bedfordshire and Hertfordshire) Co
    - 3) 7th Bn, The Royal Anglian Regiment (TA) -- Leicester: Light Role
      - a) A Co – Scunthorpe:
      - b) B Co (Lincolnshire) – Lincoln:
      - c) C Co (Leicestershire and Derbyshire) – Melton Mowbray:
      - d) D Co (Northamptonshire) – Northampton:
      - e) E Co (HSF) – Leicester and Lincoln:
  - d. 29th Royal Engineer Regiment - Newcastle, UK: 30 FV432, 12 Spartan, 12 AVRE, and 12 AVLB
2. 1st Infantry Brigade - Tidworth, UK: British contingent to the Allied Mobile Force (AMF)
- a. 1st Bn, The Queen's Regiment: 45 Saxon, 8 Fox, 7 Ferret, 8 81mm Mortar, 24 Milan ATGM (U)
  - b. 1st Bn, The Devon and Dorset Regiment: 45 Saxon, 8 Fox, 7 Ferret, 8 81mm Mortar, 24 Milan ATGM (U)
  - c. 1st Bn, The Royal Hampshire Regiment: 45 Saxon, 7 Ferret, 8 Fox, 8 81mm Mortar, 24 Milan ATGM
  - d. 1st Bn, The Wessex Regiment (TA) -- Devizes: Light Role
    - 1) A Co – Gloucester:
    - 2) B Co – Swindon:
    - 3) C Co – Dorchester:
    - 4) D Co (Queen's Own Dorset Yeomanry) – Poole:
  - e. The Royal Hussars (Prince of Wales Own) – Tidworth: 43 Chieftain, 4 Sultan, 8 Scorpion, 10 FV432, 8 Ferret (from 7th Brigade, 1/89) (1 squadron in Berlin?)
  - f. 13th /18th Royal Hussars Recce Regiment : 3 Sultan, 4 Ferret
    - 1) four squadrons, each:
      - a. SHQ: 2 Sultan, 1 Ferret, 1 Samson, 1 Spartan
      - b. 3 Sections, totaling: 12 Scimitars
      - c. AT Section: 4 Strikers
      - d. Support Section: 4 Spartans (+ scouts, GSR?)
  - d. 1 Royal Artillery Regiment: 18 towed 105mm howitzers
3. 2nd Infantry Brigade - Shorncliffe, UK: dedicated to Home Defense.
- a. 2nd Bn, The Royal Greenjackets (Light Infantry): Light Role
  - b. 3rd Bn, The Queen's Regiment – Aldergrove?: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
  - c. The Duke of Lancaster's Own Yeomanry (TA) – Chorley : 80 Fox, 20 Spartan, 11 Sultan, 11 Ferret, 5 Samaritan (converted to Fox in 1983)
    - a) A Squadron – Wigan
    - b) B Squadron – Clifton, Manchester
    - c) C Squadron – Chorley (formed late 1980s)
    - b) D Squadron – Preston and Blackpool
4. 5th Airborne Brigade - Aldershot, UK: may reinforce any NATO command.
- a. 1st Bn, The Parachute Regiment: Light Role
  - b. 2nd Bn, The Parachute Regiment: Light Role
  - a. 1st Bn, 2nd King Edward VII's Own Gurkha Rifles:
  - c. 4th (V) Bn, The Parachute Regiment (TA):Light Role (4 Rifle Cos (maybe 5 after 1984))
  - d. 10th (V) Bn, The Parachute Regiment (TA) -- London: Light Role (4 Rifle + 1 HSF Co)
  - e. 15th Bn, The Parachute Regiment (TA) -- Glasgow: Light Role (3 Rifle Co + Support Co)

- f. 7th Parachute Regiment Royal Horse Artillery: 24 105mm Light Guns
- 5. 8th Infantry Brigade - Londonderry, Northern Ireland: (The Battalions rotate out).
  - a. 1st Bn, The Gloucestershire Regt: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan
  - b. 4th (V) Bn, The Royal Irish Rangers (TA) -- Portadown: Home Defence
    - 1) A Co (Royal Inniskilling Fusiliers): Omagh
    - 2) B Co (Royal Ulster Rifles): Belfast
    - 3) C Co (Royal Irish Fusiliers): Portadown
    - 4) D Co (London Irish Rifles): London
- 6. 19th Infantry Brigade - Colchester, UK: 4 Saxon, and 4 Ferret - Reinforces 4th Armoured Division in FRG
  - b. 1st Bn, The King's Own Royal Border Regt: 45 Saxon, 8 Fox, 7 Ferret, 8 81mm Mortar, 24 Milan ATGM (U) (first Saxon unit)
  - b. 1st Bn, The Royal Anglian Regiment: 45 Saxon, 8 Fox, 7 Ferret, 8 81mm Mortar, 24 Milan ATGM (U)
  - d. 45th Field Regiment, Royal Artillery: 24 155mm FH-70
- 7. 39th Infantry Brigade - Lisburn, NI: dedicated to the defense of Northern Ireland (The Battalions rotate out).
  - c. 3rd Bn, The Parachute Regiment: 8 81mm mortars, 6 Milan, 4 .50 cal mg (from 5 Abn Bde, 3/89)
  - a. 1st Bn, The Royal Welch Fusiliers: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan (to Berlin 9/89)
  - c. 5th Bn, The Royal Irish Rangers (TA) -- Armagh: NATO Role
    - 1) A Co – Lisburn:
    - 2) B Co (Royal Irish Rifles) – Killybegh:
    - 3) C Co – Lurgan:
    - 4) D Co – Belfast:
- 8. 42nd Infantry Brigade - Chester, UK: dedicated to Home defense.
  - a. 1st Bn, The Cheshire Regiment: Light Role
  - b. 3rd Bn, The Light Infantry: Light Role
  - c. 3rd Bn, The Worcestershire and Sherwood Foresters Regiment (TA): Home Defence
    - 1) A Co (Sherwood Rangers) – Mansfield:
    - 2) B Co (Leicestershire and Derbyshire Yeomanry) – Sutton-in-Ashfield:
    - 3) C Co (Derbyshire Foresters) – Derby:
    - 4) D Co (Robin Hood Foresters) – Nottingham:
    - 5) E Co (Nottinghamshire Foresters) – Newark:
    - 6) F Co (HSF) – Worksop, Mansfield and Nottingham: (formed 1985)
    - 7) G Co (HSF) -- Derby and Chesterfield: (formed 1985)
  - d. 4th Bn, The Kings Own Border Regiment (TA) -- Lancaster: Home Defence
    - 1) A Co – Carlisle:
    - 2) B Co – Kendall:
    - 3) C Co – Barrow-in-Furness:
    - 4) D Co – Workington:
    - 5) E Co (HSF) – Various: (former 1984)
  - e. 5th/8th Bn, The King's Regiment (TA) -- Warrington: Home Defence:
    - 1) A Co – Warrington:
    - 2) B Co – Liverpool:
    - 3) C Co – Manchester:
    - 4) D Co – Liverpool:
    - 5) E Co (HSF) – Liverpool: (former 1984)
  - f. 6th/7th Bn, The Queen's Regiment (TA) -- Horsham: Home Defence
    - 1) A Co (Salerno) – Farnham:
    - 2) B Co (Somme) – Brighton:
    - 3) C Co (Quebec) – Crawley:
    - 4) D Co (Tangier) – Kingston:
    - 5) E Co (HSF) – various:



9. 43rd Wessex Brigade - Exeter, UK: dedicated to Home defense.
  - a. The Wessex Yeomanry (TA): Light Recce in Home Defense role in 1983
    - 1) A Squadron (Royal Gloucestershire Hussars) – Gloucester
    - 2) B Squadron (Royal Wiltshire Yeomanry) – Wiltshire
    - 3) C Squadron (Royal Gloucestershire Hussars) – Stroud
    - 4) D Squadron (Royal Devon Yeomanry) – Barnstaple
    - 5) E Squadron (Royal Wiltshire Yeomanry) – Wiltshire (HSF)
  - b. 2nd Bn, The Wessex Regiment (TA) – Reading: Home Defence
    - 1) A Co (Duke of Connaught's) – Portsmouth:
    - 2) B Co – Winchester:
    - 3) C Co (Royal Berkshire) – Maidenhead:
    - 4) D Co – Swindon:
    - 5) E Co (HSF) – various:
10. 3rd Brigade?
  - a. 1st Bn, The Worcestershire and Sherwood Foresters Regiment – Omagh: Light Role
11. 51st Highland Brigade:
  - a. 1st Bn, The 51st Highland Volunteers (TA) -- Perth: Infantry in Home Defense Role
    - 1) A Co (Black Watch) – Dundee
    - 2) E Co (Aryll & Sutherland Highlanders) – Stirling
    - 3) G Co (London Scottish) – Westminster, London
    - 4) K Co (Black Watch) – Kirkcaldy
    - 5) V Co (Liverpool Scottish) – Liverpool
    - 6) Z Co (HSF) – Perth, elsewhere (former 1984)
  - b. 2nd Bn, The 51st Highland Volunteers (TA) – Elgin:
    - 1) A Co (Lovat Scouts) – Wicks:
    - 2) B Co (Gordon Highlanders) – Peterhead:
    - 3) C Co (Queen's Own Highlanders) – Inverness:
    - 4) D Co (Gordon Highlanders, Lovat Scouts) – Aberdeen:
    - 5) X Co (HSF): (formed 1984)
    - 6) Y Co (HSF): (formed 1984)
  - c. 3rd Bn, The 51st Highland Volunteers (TA) -- Stirling: (all components are Argyll and Sutherland Highlanders)
    - 1) A Co – Stirling:
    - 2) B Co – Cumbernauld:
    - 3) C Co – Grangemouth:
    - 4) D Co – Dumbarton:
    - 5) W Co (HSF) – Stirling, Dumbarton, Grangemouth
12. 52nd Lowland Brigade:
  - a. 1st Bn, The 52nd Lowland Volunteers (TA): Infantry Bn in Home Defense Role
    - 1) A Co (The Royal Scots) – Edinburgh and Bathgate:
    - 2) B Co (Royal Highland Fusiliers) – Ayr:
    - 3) C Co (King's Own Scottish Borderers) – Dumfries:
    - 4) D Co (The Cameronians) – Hamilton:
    - 5) E Co (Highland Light Infantry) – Glasgow:
    - 6) F Co (HSF) – Ayr: (formed 1984)
    - 7) G Co (HSF) – Dumfries: (formed 1984)
  - b. 2nd Bn, The 52nd Lowland Volunteers (TA):
    - 1) No. 1 Co (The Royal Scots) – Penicuik:
    - 2) No. 2 Co (The Royal Scots) – Edinburgh & Bathgate:
    - 3) No. 3 Co (King's Own Scottish Borderers) – Galashiels
    - 4) No. 4 Co (Cameronians) – Motherwell
    - 5) No. 5 Co (HSF) – Edinburgh: (formed 1984)
13. 54th Infantry Brigade - Grantham, UK: dedicated to Home defense.

a. 1st Bn, The Royal Highland Fusiliers -- Oakington: 71 FV432, 4 Sultan, 7 Ferret, 8 Scimitar, 8 81mm Mortar, 24 Milan

- b. The Queen's Own Mercian Yeomanry (TA): Light Recce Regt
  - 1) A Squadron (Warwickshire & Worcestershire) – Coventry:
  - 2) B Squadron (Staffordshire Yeomanry) – Tipton, Stafford and Lichfield:
  - 3) C Squadron (Shropshire Yeomanry) – Shrewsbury, Oswestry and Wellington:
  - 4) D Squadron (HSF) – Telford:
- c. 3rd Bn, The Yorkshire Volunteers (TA) – Huddersfield: Home Defence
  - 1) A Battery (West Riding Artillery) – Keighley:
  - 2) B Co (Leeds Rifles) – Leeds:
  - 3) C Co (Duke of Wellington's Regt) – Huddersfield:
  - 4) D Co (Duke of Wellington's Regt) – Halifax:
  - 5) H Co (York and Lancaster, HSF) – Various: (formed 1988)
- d. 4th Bn, The Yorkshire Volunteers (TA) – Sheffield: Home Defence
  - 1) A Co (Hallamshire) – Eastgate, Barnsley:
  - 2) B Co (Sheffield Art Vol) – Rotherham:
  - 3) C Co (York & Lancaster Regt) – Doncaster:
  - 4) D Co (Hallshire) – Sheffield:
- e. 4th Bn, The Queen's Lancashire Regiment (TA) -- Preston: Light Role
  - 1) A Co – Burnley:
  - 2) B Co – Blackpoole:
  - 3) C Co – Bolton:
  - 4) D Co – Blackburn:
- f. 5th (V) Bn, The Queen's Regiment (TA) – Canterbury: Home Defence
  - 1) A Co – Guildford:
  - 2) B Co – Broadstairs:
  - 3) C Co – Hastings:
  - 4) D Co – Hornsey:

14. 56th Infantry Brigade - London, UK: dedicated to Home defense.

- a. 1st Bn, The Coldstream Guards: 45 Warrior, 4 Sultan, 8 Scimitar, 26 FV432, 7 Ferret, 8 81mm Mtr, 24 Milan
- b. 3rd Bn, The Royal Anglian Regiment: 45 Saxon, 8 Fox, 7 Ferret, 8 81mm Mortar, 24 Milan ATGM
- c. 6th Bn, The Royal Anglian Regiment (TA) – Bury St. Edmonds: Home Defence
  - 1) A Co (Royal Norfolk) – Norwich:
  - 2) B Co (Bedfordshire) – Bedford:
  - 3) C Co (Suffolk) – Ipswich:
  - 4) D Co (Cambridgeshire) – Cambridge:
  - 5) E Co (HSF) – Bedford:
  - 6) F Co (HSF) – Norwich:
- d. 5th Bn, The Royal Regiment of Fusiliers (TA) -- Coventry: Home Defense?
  - 1) A Co – Sparkbrook:
  - 2) B Co (Warwickshire) – Sparkbrook:
  - 3) C Co – Ashton-Under-Lyne:
  - 4) D Co (Lancashire) – Bury:
  - 5) G Co (HSF):

15. 143rd Infantry Brigade (Light) - Shrewsbury, UK: dedicated to Home defense

- a. 1st Bn, The Duke of Wellington's Regiment: 45 Saxon, 8 Fox, 7 Ferret, 8 81mm Mortar, 24 Milan ATGM (from 39 Bgde, 2/89)
- c. 4th Bn, The Royal Greenjackets (TA) – Davies Road, London: Light Role
  - 1) B Co – Fulham, London:
  - 2) C Co – Finsbury, London:
  - 3) F Co – Mile End Road, London:
  - 4) G Co – West Ham, London:
  - 5) H Co (HSF) – Davies Street, London: (formed 1988)
- e. 5th Bn, The Light Infantry (TA) - Shrewsbury: Light Role
  - 1) A Co – Shrewsbury:
  - 2) B Co – Wellington:

- 3) C Co – Hereford:
- 4) D Co – Ross-on-Wye:
- f. 6th Bn, The Light Infantry (TA) - Bath: Light Role
  - 1) A Co – Bath:
  - 2) B Co – Yeovil:
  - 3) C Co – Cambourne:
  - 4) D Co – Truro:
  - 5) E Co (HSF) – Bath:
  - 6) F Co (HSF) – Truro:
- g. 7th Bn, The Light Infantry (TA) -- Durham: Light Role
  - 1) A Co – Hordern:
  - 2) B Co – Hepburn:
  - 3) C Co – Washington:
  - 4) D Co – Spennymore:
  - 5) E Co (HSF) – Bishop Auckland: (formed 1988)

16. 160th Welch Brigade - Brecon, UK: dedicated to Home defense.

- b. 1st Bn, The Regiment of Wales: (Infantry Demonstration Unit)
- c. 1st Bn, The Welsh Guards – London: Light Role
- d. 3rd Bn, The Royal Welch Fusiliers (TA) -- Wrexham: Home Defence
  - 1) A Co – Aberystwyth:
  - 2) B Co – Colwyn Bay:
  - 3) C Co – Connah’s Quay:
  - 4) D Co – Caernarfon:
  - 5) E Co (HSF) : (formed 1986)
- f. 3rd Bn, The Royal Regiment of Wales (TA) -- Cardiff: Light Role
  - 1) A Co – Abertillery:
  - 2) B Co – Newport and Pontypool:
  - 3) C Co – Pontypridd:
  - 4) D Co – Cardiff: (formed 1985)
  - 5) E Co (HSF) – Cardiff: (formed 1984)
- g. 4th Bn, The Royal Regiment of Wales (TA) -- Swansea: Home Defence
  - 1) A Co – Llanelli:
  - 2) B Co – Neath:
  - 3) C Co – Bridgend:
  - 4) D Co – Swansea: (formed 1985)

17. SAS Regiment:

- a. 21st SAS Regiment (TA) -- London: 14 Milan, 6 81mm mortars (5 squadrons)
- b. 22nd SAS Regiment: 14 Milan, 6 81mm mortars (4 Squadrons)
- c. 23rd SAS Regiment (TA): 14 Milan, 6 81mm mortars (5 Squadrons)

18. Other Regular Army Units (whose assignment I don’t know):

- a. 2nd Bn, Grenadier Guards – London: Light Role?
- b. 2nd Bn, Scots Guard – London: Light Role?
- c. 1st Bn, Irish Guards – London: Light Role?
- d. 1st Bn, The King's Own Scottish Borderers -- Edinburgh: Light Role (U)
- e. 1st Bn, Royal Regiment of Fusiliers: (U)
- f. 2nd Bn, Royal Regiment of Fusiliers – Bulford: Light Role? (U)
- b. 2nd Bn, The Light Infantry: Light Role
- f. Queen’s Royal Irish Hussars – to Bovington/Catterick 3/88; to Paderborn & BAOR, 4/90: Armored unit (Chieftain?)
- g. 17th/21st Lancers – UK: Armoured Recce (CVR(T) family)
- h. 9th /12th Royal Lancer Recce Regiment – Wimbish, UK: Armoured Recce (CVR(T) family)

19. Other Territorial Units (whose assignment I don’t know):

- a. 8th (V) Bn, Queen’s Fusiliers – Clapham:
  - 1) A Co (Highwood) – Camberwell:

- 2)B Co (Albuhera) – Hornsey:
- 3)C Co (City of London) – Balham:
- b. 4th (V) Bn, Worcestershire & Sherwood Foresters – Redditch: (former 4/88)
  - 1)A Co – Worcester:
  - 2)B Co – Kidderminster:
  - 3)C Co – Shirley, Birmingham:
  - 4)D Co – Nottingham:
  - 5)F Co (HSF) – Worcester:
- c. 3rd (V) Bn, Staffordshire Regiment – Wolverhampton: (formed 4/88)
  - 1)A Co – Tamworth:
  - 2)B Co – Stoke On Trent:
  - 3)C Co – Burton on Trent:
  - 4)D Co – Walsall:
  - 5)E Co (HSF) --
- d. 3rd (V) Bn, Cheshire Regiment – Runcon: (formed 4/88)
  - 1)A Co – Stockport:
  - 2)B Co – McClesfield:
  - 3)C Co – Ellesmore Port:
  - 4)D Co – Crewe:
- e. 5th Bn, The Royal Green Jackets – Oxford: (formed 12/86)
  - 1)A Co – High Wycombe:
  - 2)D Co – Aylesbury:
  - 3)E Co – Milton Keynes:
  - 4)I Co (HSF) – Various: Former early 1990.
- f. 8th Bn, The Light Infantry – Wakefield: (former 1/87)
  - 1)A Co – Wakefield:
  - 2)B Co – Pontefract:
  - 3)C Co – Batley:
  - 4)D Co – Barnsley:
- g. 4<sup>th</sup> (V) Bn, The Devonshire and Dorset Regiment – Exeter: (formed 10/87)
  - 1) A Co – Plymouth:
  - 2) B Co – Paignton: (formed 1988)
  - 3) G Co (HSF) – Plymouth: (formed 1989)

## 21. Territorial/Volunteer Royal Artillery Units:

- a. 100th (Yeomanry) Field Regiment, RA (V) – London: 24 FH-70 155mm Guns (likely dedicated to 2nd Inf Div)
- b. 101st (Northumbrian) Field Regiment, RA (V) – Newcastle Upon Tyne: 24 FH-70 155mm Guns (likely dedicated to 2nd Inf Div)
- c. 102nd (Ulster) Light Air Defence Regiment, RA (V) – Belfast: Blowpipe/Javelin (2 batteries)
- d. 103rd (Lancashire Artillery Volunteers) Air Defence Regiment, RA – Liverpool: Blowpipe/Javelin (4 batteries + 1 HSF)
- e. 104th Air Defence Regiment, RA (V) – Newport: Blowpipe/Javelin (3 batteries)
- f. 105th (Scottish) Air Defence Regiment, RA (V) – Edinburgh: Blowpipe/Javelin (4 batteries)
- g. 307th (South Nottinghamshire Hussars, RHA) Battery, RA (V): 12 OP teams
- h. 269th Battery, West Riding Regt RA (T): Independent airmobile field artillery battery

## 22. 30th Engineer Brigade - Stafford, UK: Reinforces BAOR

## 23. Territorial/Volunteer Engineer Units:

- a. 71<sup>st</sup> (Scottish) Engineer Regiment -- Glasgow: (3 squadrons)
- b. 72<sup>nd</sup> Engineer Regiment (V) – Gateshead: (4 squadrons)
- c. 73<sup>rd</sup> Engineer Regiment (V) – Nottingham: (4 Squadrons), tasked to reinforce BAOR
- d. 74<sup>th</sup> Engineer Regiment (V) – Northern Ireland: (3 Squadrons)
- e. 75<sup>th</sup> Engineer Regiment (V) – Manchester: (2 Squadrons)
- f. 101<sup>st</sup> (London) Engineer Regiment (V) – London: (3 Squadrons) Explosive Ordnance Destruction
- g. Royal Monmouthshire Engineer Regiment (V) – Monmouth: (3 Squadrons)
- h. Jersey Field Squadron (Royal Militia of the Isle of Jersey):

## 24. Ulster Defense Regiment (TA): 9 Infantry Battalions

**Note 1:** Infantry Battalions organized for the “light role” had 4 rifle companies and a support company with 8 81mm mortars, 6 Milans, 4 .50 Cal mg.

**Note 2:** Infantry Battalions organized for “home defence” has 3-5 rifle companies, a recon platoon, an assault pioneer platoon, and a mortar platoon with 9 81mm mortars. In many units, one platoon in each rifle company would be manned by reservists. This organization was used only by TA infantry battalions without a planned NATO role. I have labeled all TA infantry battalions as Home Defense unless I have information to the contrary.

**Note 3:** Units with a (U) after their name did a 3-6 month tour in Northern Ireland at some point during 1989.

**Note 4:** HSF units are Home Service Force, raised to provide local security and free Territorials for other tasks.

**Note 5:** In several exercises in the 1980s the UK-based BAOR reinforcements were reportedly in place in less than 72 hours.

**Note 6:** A number of the TA and regular army infantry battalions in the UK were likely assigned to the 2<sup>nd</sup> Infantry's Divisions brigades.

**Note 7:** The army had about 300 Saracens and 300 Humber Pigs, many of them in use by units in Northern Ireland.

**Note 8:** Sources for this OOB are numerous and varied, and despite the efforts of a number of individuals, is likely to contain some errors (probably quite a few). One source that was of great use here: Regiments.org. Thanks are also owed to numerous individuals on Tank-Net.org, whose personal experiences and obscure publications certainly aided this effort. Among those, and I hope I have not missed anyone, are: Briganza, Dave Clark, Stuart Galbraith, Chris Werb and others.

### **OTHER BRITISH FORCES WORLDWIDE**

1. Brunei
  - a. 1st Bn, 6th Queen Elizabeth's Own Gurkha Rifles:
  - b. 1st Bn, 10th Princess Mary's Own Gurkha Rifles:
  - c. 1 Helicopter Flight: 3 Helicopters
2. Cyprus
  - a. 2nd Bn, The Coldstream Guards: (inf bn)
  - b. 2 Infantry Companies
  - c. 1 Engineer Support Squadron
  - d. 1 Helicopter Flight: 3 Gazelle AH-1
  - e. RAF Flight: 4 Harrier GR-3, 4 Puma
  - f. RAF AD Detachment: 4 Rapier
3. Falklands
  - a. 1 Infantry Battalion
  - b. Air Defence Battery
  - c. Engineer Field Squadron
  - d. 1 Phantom Flight
  - e. Squadron, RAF Regiment: Rapiers
4. Gibraltar
  - a. 3rd Bn, The Royal Greenjackets (Light Infantry): 8 81mm mortars, 6 Milan, 4 .50 cal mg
  - b. Gibraltar Regiment (Reserve)
5. Hong Kong
  - a. 1 British Infantry Battalion
  - b. 48th Gurkha Brigade:
    1. 2nd Bn, 2nd King Edward VII's Own Gurkha Rifles:
    2. 1st Bn, 7th Duke of Edinburgh's Own Gurkha Rifles:
    3. 2 engineer squadrons, each 3 platoons
    4. 1 RAF Helo Squadron: 10 Wessex HC-2
    5. 1 Helo Squadron: 10 Scout AH-1

- c. Hong Kong Regt (reserve)
- 6. Belize
  - a. 1 Infantry Battalion
  - b. 1 Armored Recon Troop
  - c. 1 Field Artillery Battery
  - d. 1 Eng Squadpm
  - e. Helicopter Flight: 3 Gazelle AH-1,

**Note 1:** One of the Gurkha battalions listed as in Brunei was likely actually in Hong Kong

**Note 2:** Gurkha battalions had a slightly different organization: Recon troop, 4 Rifle Cos (each 10 squads), plus 8 81mm mortars, 6 Land Rover w/120mm Wombat RR, many Carl Gustavs; added 1 more 81mm mortar, 6 Milan in 1989

## **ROYAL AIR FORCE - GERMANY**

- 1. Bruggen, FRG:
  - a. No. 9 Squadron: 12 Tornado GR Mk 1 (became Tornado in 1983)
  - b. No. 14 Squadron: 12 Tornado GR Mk 1 (became Tornado in 1985)
  - c. No. 17 Squadron: 12 Tornado GR Mk 1 (became Tornado in 1985)
  - d. No. 31 Squadron: 12 Tornado GR Mk 1(became Tornado in 1984)
- 2. Gutersloh, FRG:
  - a. No. 3 Squadron: 16 Harrier GR Mk3
  - b. No. 4 Squadron: 16 Harrier GR Mk3
  - c. No. 18 Squadron: 18 CH-47
  - d. No. 230 Squadron: 16 Puma
- 3. Laarbruch, FRG:
  - a. No. 2 Squadron: 12 Jaguars (Recon)
  - b. No. 15 Squadron: 12 Tornado GR Mk 1 (became Tornado in 1983)
  - c. No. 16 Squadron: 12 Tornado GR Mk 1 (became Tornado in 1984)
  - d. No. 20 Squadron: 12 Tornado GR Mk 1 (became Tornado in 1984)
- 4. Wildenrath, FRG:
  - a. No. 19 Squadron: 12 Phantom FGR Mk 2
  - b. No. 92 Squadron: 12 Phantom FGR Mk 2
  - c. No. 20 Squadron: 12 Tornado GR Mk 1
  - d. No. 60 Squadron: Andovers

## **ROYAL AIR FORCE - UNITED KINGDOM**

- 1. Binbrook, Lincs, UK:
  - a. No. 5 Squadron: 12 Tornado F3 (Lightning until 1987)
  - b. No. 11 Squadron: 15 Tornado F3 (Lightning until May 1988, re-formed with F3 in August 1988)
- 2. Leuchars, Fife, UK:
  - a. No. 43 Squadron: 12? Phantom FGR Mk 2 (became F3 in 1990)
  - b. No. 111 Squadron: 12 ? Phantom FGR Mk 2 (became F3 in early 1990s)

3. Lossiemouth, Morayshire, UK:
  - a. No. 12 Squadron: 16 Buccaneer Mk 2b
  - b. No. 208 Squadron: 16 Buccaneer Mk 2b
  - c. No. 237 Squadron: 16 Buccaneer Mk 2b (?)
  - d. No. 226 Squadron: 16 Jaguar GR Mk 1 (?)
  - e. No. 8 Squadron: 6 Shackleton AEW Mk 2 (became Sentry in 1991)
4. Marham, Norfolk, UK:
  - a. No. 27 Squadron: 12 Tornado GR Mk 1
  - b. No. 617 Squadron: 12 Tornado GR Mk 1 (possible at Lossiemouth in maritime strike role)
5. Wattisham, Suffolk, UK:
  - a. No. 56 Squadron: 12 Phantom FGR Mk 2 (15)
  - b. No. 74 Squadron: 12 Phantom F-4J(UK) (15)
  - c. No. 23 Squadron 12-15 Tornado F3 (formed 1988)
6. Wittering, Cambs, UK:
  - a. No. 1 Squadron: 16 Harrier GR Mk 3
7. Coltishall, UK:
  - a. No. 6 Squadron: 16 Jaguar GR Mk 1
  - b. No. 54 Squadron: 16 Jaguar GR Mk 1
  - c. No. 41 squadron: 16 Jaguar GR Mk 1 (Recon)
8. Leeming, UK
  - a. No. 25 Squadron 12-15 Tornado F3 (formed Aug. 1 1989)
9. Honington
  - a. No. 13 Squadron: 16 Tornado GR Mk 1a (formed Jan. 1 1990)
  - b. No. 45 Squadron: Tornado OCU
  - c. No. 54 Squadron: Victor Tankers
  - d. No. 57 Squadron: Victor Tankers
10. Coningsby, UK
  - a. No. 29 Squadron 15 Tornado F3 (became Tornado in 1987)
11. Cottesmore, UK
  - a. NATO Tri-National Training Unit:
    1. 20 Tornado GR Mk 1 (UK)
    2. 10 Tornado IDS (Italy)
    3. 22 Tornado IDS (FRG)

#### Non-Combat Squadrons

1. Brize Norton, UK:
  - a. No. 10 Squadron: VC10
  - b. No. 216 Squadron: Tristar KC1
2. Kinloss, UK
  - a. No. 201 Squadron: Nimrod
  - b. No. 206 Squadron: Nimrod
3. Waddington, UK
  - a. No. 51 Squadron: Nimrod R1

4. Boulmer, UK
  - a. No. 22 Squadron: Sea King (SAR)
5. Odiham, UK
  - a. No. 7 Squadron: Chinooks
6. Lyneham, UK
  - a. No. 24 Squadron: Hercules C1/C3
  - b. No. 30 Squadron: Hercules C1/C3
  - c. No. 47 Squadron: Hercules C1/C3
7. Benson, UK
  - a. No. 33 Squadron: Puma
8. Cyprus
  - a. No. 84 Squadron: Wessex HC2
9. Hong Kong
  - a. No. 28 Squadron: Wessex HC2
10. Northolt
  - a. No. 32 Squadron: Metropolitan Communications Squadron

**Note 1:** The RAF, like the US but unlike most other air forces, appears to have held significant reserves of front-line aircraft. IISS Military Balance 89-90 lists the following aircraft in reserve: 51 Tornado GR1, 59 Tornado F2/F3, 55 Phantom, 55 Jaguar, 25 Buccaneer.

**Note 2:** UK Aircraft Holdings

## **ROYAL AIR FORCE REGIMENT**

From Richard Rinaldi's RAF in Europe 1979-1999 and Armies of NATO's Central Front

Wing Headquarters – controls groups of squadrons

No. 3 Wing (Field)	Catterick, Yorkshire	
No. 4 Wing (AD)	Wildenrath	
No. 5 Wing	Hullavington	Supported Harrier force
No. 6 Wing	West Raynham	Provided air defense for USAF bases in UK
No. 33 Wing	Gutersloh	

### **Squadrons**

Each squadron was equivalent to a company in army parlance; "flights" were equivalent to platoons.

No. 1 Squadron	Laarbruch	Light Armour
No. 2 Squadron	Hullavington	Light Armour/Parachute
No. 3 Squadron	Aldergrove, NI	Field
No. 15 Squadron	Hullavington	Light Armour
No. 16 Squadron	Wildenrath	Rapier
No. 19 Squadron	Brize Norton	Rapier (USAF)
No. 20 Squadron	Honinongton	Rapier (USAF)
No. 26 Squadron	Laarbruch	Rapier
No. 27 Squadron	Leuchars	Rapier
No. 34 Squadron	Akrotiri, Cyprus	Light Armour
No. 37 Squadron	Bruggen	Rapier
No. 48 Squadron	Lossiemouth	Rapier
No. 51 Squadron	Bruggen	Light Armour
No. 58 Squadron	Catterick	Light Armour
No. 63 Squadron	Gutersloh	Rapier
No. 66 Squadron	West Raynham	Rapier (USAF)



**Organization:**

Light Armour: three flights with 5 Spartans w/infantry each, 1 flight with 6 Scorpions

Rapier: 8 Rapier launchers

Light Armour/Parachute: 1 HQ Spartan, 3 mixed flights with 3 Spartans w/infantry, 2 Land Rovers, 2 Scorpions each, 1 Machine Gun Flight with 6 Land Rovers and 5 MMG

Reserves (Royal Auxiliary Air Force Regiment) included: 6 field defence squadrons, 1 light AA gun squadron with 12 twin 35mm Oerlikon and Skyguard.

**ROYAL NAVAL AIR**

1. 3 Fighter Squadrons: 12 Sea Harrier FRS-1 each

**ROYAL MARINES**

1. 3<sup>rd</sup> Royal Marine Commando - Plymouth, UK: Reinforces Norway or Denmark
  - a) 40<sup>th</sup> Commando Battalion:
  - b) 42<sup>nd</sup> Commando Battalion:
  - c) 45<sup>th</sup> Command Battalion:
  - d) 4<sup>th</sup> Assault Squadron:
  - e) 539<sup>th</sup> Assault Squadron:
  - f) Special Boat Squadron:
  - g) 2<sup>nd</sup> Raiding Squadron:
  - h) 29<sup>th</sup> Commando Artillery Regiment: 18 105mm Light Guns (Army)
  - i) 59<sup>th</sup> Commando Engineer Squadron:
  - j) 3<sup>rd</sup> Commando Air Squadron: 8 SA-341, 6 Lynx AH-1
  - k) 3 Squadrons, total: 34 Sea King HC-4

Note: 45<sup>th</sup> Commando Bn may have not have been formally subordinate to 3<sup>rd</sup> Commando

# **FEDERAL REPUBLIC OF GERMANY**

## **BUNDESWEHR** (West German Armed Forces)

## **HEER** (West German Army)

**Note:** The German Army can deploy its combat forces to their GDP positions within 24 hours and complete full territorial mobilization within 3-4 days. Germany maintains 30 days of war stocks.

1. 1<sup>st</sup> German Corps - Münster, FRG: assigned to NORTHAG:

a. 1<sup>st</sup> Panzer Division - Hanover, FRG:

- 1) 1<sup>st</sup> Panzergrenadier Brigade – Hildesheim: 8 M577, 8 Luchs, 12 Jaguar 2
  - a) 11<sup>th</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
  - b) 12<sup>th</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
  - c) 13<sup>th</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
  - d) 14<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
  - e) 15<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
- 2) 2<sup>nd</sup> Panzer Brigade – Braunschweig: 8 M577, 8 Luchs, 12 Jaguar 1
  - a) 21<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
  - b) 22<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
  - c) 23<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - d) 24<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - e) 25<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
- 3) 3<sup>rd</sup> Panzer Brigade “Weser-Leine” - Nienburg: 8 M577, 8 Luchs, 12 Jaguar 1
  - a) 31<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
  - b) 32<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
  - c) 33<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - d) 34<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - e) 35<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
- 4) 1<sup>st</sup> Artillery Regiment:
  - a) 11<sup>th</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
  - b) 12<sup>th</sup> Rocket Artillery Battalion: 16 LARS
- 5) 1<sup>st</sup> Flak Regiment: 36 Gepard
- 6) 1<sup>st</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
- 7) 1<sup>st</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
- 8) 16<sup>th</sup> Jäger bn: M113
- 9) 17<sup>th</sup> Jäger bn: Trucks
- 10) 1<sup>st</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)

b. 3<sup>rd</sup> Panzer Division - Buxtehude, FRG:

- 1) 7<sup>th</sup> Panzergrenadier Brigade - Hamburg: 8 M577, 8 Luchs, 12 Jaguar 2
  - a) 71<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
  - b) 72<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
  - c) 73<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
  - d) 74<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
  - e) 75<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
- 2) 8<sup>th</sup> Panzer Brigade “Lüneburg” - Lüneburg: 8 M577, 8 Luchs, 12 Jaguar 1
  - a) 81<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
  - b) 82<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
  - c) 83<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - d) 84<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - e) 85<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G

- 3) 9<sup>th</sup> Panzer (Lehr) Brigade - Munster: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 91<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 92<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 93<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - d) 94<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - e) 95<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 4) 3<sup>rd</sup> Artillery Regiment:
    - a) 31<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 32<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 3<sup>rd</sup> Flak Regiment: 36 Gepard
  - 6) 3<sup>rd</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 3<sup>rd</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 36<sup>th</sup> Jäger bn: M113
  - 9) 37<sup>th</sup> Jäger bn: Trucks
  - 10) 3<sup>rd</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
- c. 7<sup>th</sup> Panzer Division - Unna, FRG:
- 1) 19<sup>th</sup> Panzergrenadier Brigade – Ahlen, FRG: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 191<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 192<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan  
(may not have been in existence)
    - c) 193<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 194<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 195<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 2) 20<sup>th</sup> Panzer Brigade “Markisches Sauerland” – Iserlohn, FRG: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 201<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 202<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 203<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - d) 204<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - e) 205<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 3) 21<sup>st</sup> Panzer Brigade “Lipperland” – Augustdorf, FRG: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 211<sup>th</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 212<sup>th</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 213<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - d) 214<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - e) 215<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 4) 7<sup>th</sup> Panzer Artillery Regiment:
    - a) 71<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 72<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 7<sup>th</sup> Flak Regiment: 36 Gepard
  - 6) 7<sup>th</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 7<sup>th</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 76<sup>th</sup> Jäger bn: M113
  - 9) 77<sup>th</sup> Jäger bn: Trucks
  - 10) 7<sup>th</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
- d. 11<sup>th</sup> Panzergrenadier Division - Oldenburg, FRG:
- 1) 31<sup>st</sup> Panzergrenadier Brigade - Oldenburg: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 311<sup>th</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 312<sup>th</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 313<sup>th</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 314<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 315<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 2) 32<sup>nd</sup> Panzergrenadier Brigade - Schwanewede: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 321<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 322<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 323<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 324<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113

- e) 325<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 3) 33<sup>rd</sup> Panzer Brigade "Celle" - Celle: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 331<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 332<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 333<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - d) 334<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - e) 335<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 4) 11<sup>th</sup> Artillery Regiment:
    - a) 111<sup>th</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 112<sup>th</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 11<sup>th</sup> Flak Regiment: 36 Gepard
  - 6) 11<sup>th</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 11<sup>th</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 116<sup>th</sup> Jäger bn: M113
  - 9) 117<sup>th</sup> Jäger bn: Trucks
  - 10) 11<sup>th</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
- e. 27<sup>th</sup> Luftlande Brigade - Lippstadt, FRG:
- 1) FallschirmJäger Battalion 271: 2 Para Cos, 2 AT Cos
  - 2) FallschirmJäger Battalion 272: 2 Para Cos, 2 AT Cos
  - 3) FallschirmJäger Battalion 273: 2 Para Cos, 2 AT Cos
  - 4) FallschirmJäger Battalion 274: 3 Para Cos (Reserve Unit)
  - 5) Luftlande Mortar Company 270
  - 6) Luftlande Engineer Company 270
  - 7) Luftlande Logistics Company 270
  - 8) Luftlande Medic Company 270
  - 9) 1 Field Replacement Battalion
- f. 1<sup>st</sup> German Corps Artillery - Dulmen, FRG:
- 1) 1 Drone Battery
  - 2) 1 SSM Battalion: 4 Lance
- g. 1<sup>st</sup> Heeresfliegerkommando - Hansdorf, FRG:
- 1) 10<sup>th</sup> Light Army Aviation Transport Regiment - Faßberg: 48 UH-1D, 4 VBH (BO-105M)
  - 2) 15<sup>th</sup> Medium Army Aviation Transport Regiment - Rheine Bentlage: 32 CH-53G, 4 VBH (BO-105M)
  - 3) 16<sup>th</sup> Attack Helicopter Regiment - Celle, FRG: 56 PAH-1 (BO-105 with HOT), 5 VBH (BO-105M)
- h. 1<sup>st</sup> Flugabwehrkommando - Munster, FRG:
- 1) 1 SAM Regiment: 36 Roland
  - 2) 2 Flak Battalions
- i. 1<sup>st</sup> Pionierkommando - Minden, FRG:
- 1) 4 Combat Engineer Battalions: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge) each
  - 2) 1 Amphibious Engineer Battalion
  - 3) 2 Floating Bridge Battalions
- j. 100<sup>th</sup> Long Range Reconnaissance Company - Munster, FRG:
- k. 100<sup>th</sup> Sicherungs Battalion: Light infantry battalion in trucks
2. 2nd German Corps - Ulm, FRG: assigned to CENTAG.
- a. 10<sup>th</sup> Panzer Division - Sigmaringen, FRG:
- 1) 28<sup>th</sup> Panzer Brigade: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 281<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 282<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan

- c) 283<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - d) 284<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - e) 285<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 2) 29<sup>th</sup> Panzer Brigade - Sigmaringen: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 291<sup>st</sup> Panzer Battalion: 28 Leopard 1, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan (disbanded Aug. 1988)
    - b) 292<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 293<sup>rd</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - d) 294<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 295<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 3) 30<sup>th</sup> Panzergrenadier Brigade: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 301<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 302<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 303<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 304<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 305<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 4) 10<sup>th</sup> Artillery Regiment:
    - a) 101<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 102<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 10<sup>th</sup> Flak Regiment: 36 Gepard
  - 6) 10<sup>th</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 10<sup>th</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 106<sup>th</sup> Jäger bn: M113
  - 9) 107<sup>th</sup> Jäger bn: Trucks
  - 10) 10<sup>th</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
- b. 4<sup>th</sup> Panzergrenadier Division - Regensburg, FRG:
- 1) 10<sup>th</sup> Panzergrenadier Brigade – Weiden: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 101<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 102<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 103<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 104<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 105<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 2) 11<sup>th</sup> Panzergrenadier Brigade “Bayerwald” - Bogen: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 111<sup>th</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 112<sup>th</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 113<sup>th</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan (may not have been in existence)
    - d) 114<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 115<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 3) 12<sup>th</sup> Panzer Brigade - Amberg: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 121<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 122<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 123<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - d) 124<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - e) 125<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 4) 4<sup>th</sup> Artillery Regiment:
    - a) 41<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 42<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 4<sup>th</sup> Flak Regiment: 36 Gepard
  - 6) 4<sup>th</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 4<sup>th</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 46<sup>th</sup> Jäger bn: M113
  - 9) 47<sup>th</sup> Jäger bn: Trucks
  - 10) 4<sup>th</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
- c. 1<sup>st</sup> GebirgsJäger (Mountain) Division - Garmisch, FRG:
- 1) 22<sup>nd</sup> Panzergrenadier Brigade - Murnau: 8 M577, 8 Luchs, 12 Jaguar 2

- a) 221<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
- b) 222<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
- c) 223<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
- d) 224<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
- e) 225<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
- 2) 23<sup>rd</sup> GebirgsJäger Brigade – Bad Reichenhall: 18 Milan
  - a) 231<sup>st</sup> GebirgsJäger Battalion: 18 Milan, 6 120mm Mortar
  - b) 232<sup>nd</sup> GebirgsJäger Battalion: 18 Milan, 6 120mm Mortar
  - c) 233<sup>rd</sup> GebirgsJäger Battalion: 18 Milan, 6 120mm Mortar
  - d) 234<sup>th</sup> GebirgsJäger Battalion: 18 Milan, 6 120mm Mortar
  - e) 235<sup>th</sup> Field Artillery Battalion: 18 FH70
- 3) 24<sup>th</sup> Panzer Brigade - Landshut: 8 M577, 8 Luchs, 12 Jaguar 1
  - a) 241<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
  - b) 242<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
  - c) 243<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - d) 244<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
  - e) 245<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
- 4) 1<sup>st</sup> GebirgsJäger Artillery Regiment:
  - d) 11<sup>th</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
  - e) 12<sup>th</sup> GebirgsJäger Rocket Artillery Battalion: 16 LARS
- 5) 1<sup>st</sup> GebirgsJäger Flak Regiment: 36 Gepard
- 6) 1<sup>st</sup> GebirgsJäger Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
- 7) 1<sup>st</sup> GebirgsJäger Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
- 8) 86<sup>th</sup> Jäger bn: M113
- 9) 87<sup>th</sup> Jäger bn: Trucks
- 10) 8<sup>th</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
  
- f. 1<sup>st</sup> Luftlande Division -- Esslingen, FRG:
  - a) Luftlande Artillery Battery 9
  - b) Luftlande Fernmelde (Radio) Battalion 9
  - c) 25<sup>th</sup> Luftlande Brigade - Ulm, FRG:
    - 1) FallschirmJäger Battalion 251: 2 Para Cos, 2 AT Cos
    - 2) FallschirmJäger Battalion 252: 2 Para Cos, 2 AT Cos
    - 3) FallschirmJäger Battalion 253: 2 Para Cos, 2 AT Cos
    - 4) FallschirmJäger Battalion 254: 3 Para Cos (Reserve Unit)
    - 5) Luftlande Mortar Company 250
    - 6) Luftlande Engineer Company 250
    - 7) Luftlande Logistics Company 250
    - 8) Luftlande Medic Company 250
    - 9) 1 Field Replacement Battalion
 (other brigades are assigned to other Korps)
  
- g. 2<sup>nd</sup> German Corps Artillery - Ulm, FRG:
  - 1) 1 Drone Battery
  - 2) 1 SSM Battalion: 4 Lance
  
- h. 2<sup>nd</sup> Heeresfliegerkommando - Laupheim, FRG:
  - 1) 20<sup>th</sup> Light Army Aviation Transport Regiment: 48 UH-1D, 4 VBH (BO-105M)
  - 2) 25<sup>th</sup> Medium Army Aviation Transport Regiment: 32 CH-53G, 4 VBH (BO-105M)
  - 3) 26<sup>th</sup> Attack Helicopter Regiment - Roth, FRG: 56 PAH-1 (BO-105 with HOT), 5 VBH (BO-105M)
  
- i. 2<sup>nd</sup> Flugabwehrkommando - Ulm, FRG:
  - 1) 1 SAM Regiment: 36 Roland
  - 2) 2 Flak Battalions
  
- j. 2<sup>nd</sup> Pionierkommando - Ulm, FRG:
  - 1) 4 Combat Engineer Battalions: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge) each

- 2) 1 Amphibious Engineer Battalion
  - 3) 2 Floating Bridge Battalions
- k. 200<sup>th</sup> Long Range Reconnaissance Company - Ulm, FRG:
- l. 200<sup>th</sup> Sicherungs Battalion: Light infantry battalion in trucks
3. 3<sup>rd</sup> German Corps - Koblenz, FRG: assigned to CENTAG.
- a. 5<sup>th</sup> Panzer Division - Lahn, FRG:
    - 1) 13<sup>th</sup> Panzergrenadier Brigade - Wetzlar: 8 M577, 8 Luchs, 12 Jaguar 2
      - a) 131<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
      - b) 132<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
      - c) 133<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
      - d) 134<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
      - e) 135<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
    - 2) 6<sup>th</sup> Panzer Brigade - Hofgeismar: 8 M577, 8 Luchs, 12 Jaguar 1
      - a) 61<sup>st</sup> Panzer Battalion: 28 Leopard II, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
      - b) 62<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
      - c) 63<sup>rd</sup> Panzer Battalion: 41 Leopard II, 4 M577, 12 M113
      - d) 64<sup>th</sup> Panzer Battalion: 41 Leopard II, 4 M577, 12 M113
      - e) 65<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
    - 3) 15<sup>th</sup> Panzer Brigade "Westerwald Brigade" - Koblenz: 8 M577, 8 Luchs, 12 Jaguar 1
      - a) 151<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
      - b) 152<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
      - c) 153<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
      - d) 154<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
      - e) 155<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
    - 4) 5<sup>th</sup> Artillery Regiment:
      - a) 51<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
      - b) 52<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
    - 5) 5<sup>th</sup> Flak Regiment: 36 Gepard
    - 6) 5<sup>th</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
    - 7) 5<sup>th</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
    - 8) 56<sup>th</sup> Jäger bn: M113
    - 9) 57<sup>th</sup> Jäger bn: Trucks
    - 10) 5<sup>th</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
  - b. 12<sup>th</sup> Panzer Division - Veitshochheim, FRG:
    - 1) 14<sup>th</sup> Panzer Brigade - Neustadt: 8 M577, 8 Luchs, 12 Jaguar 1
      - a) 141<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
      - b) 142<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
      - c) 143<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
      - d) 144<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
      - e) 145<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
    - 2) 35<sup>th</sup> Panzergrenadier Brigade - Hammelburg: 8 M577, 8 Luchs, 12 Jaguar 2
      - a) 351<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
      - b) 352<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
      - c) 353<sup>rd</sup> Panzergrenadier (Lehr) Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
      - d) 354<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
      - e) 355<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
      - f) JägerLehrBattalion 351:
    - 3) 36<sup>th</sup> Panzer Brigade: 8 M577, 8 Luchs, 12 Jaguar 1
      - a) 361<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
      - b) 362<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
      - c) 363<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
      - d) 364<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113

- e) 365<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 4) 12<sup>th</sup> Artillery Regiment:
    - a) 121<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 122<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 12<sup>th</sup> Flak Regiment: 36 Gepard
  - 6) 12<sup>th</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 12<sup>th</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 126<sup>th</sup> Jäger bn: M113
  - 9) 127<sup>th</sup> Jäger bn: Trucks
  - 10) 12<sup>th</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
- c. 2<sup>nd</sup> Panzergrenadier Division - Kassel, FRG:
- 1) 4<sup>th</sup> Panzergrenadier Brigade - Gottingen: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 41<sup>st</sup> Panzer Battalion: (converted from mixed Panzergrenadier battalion in Oct. 1988, trial unit for Heeresstruktur 5)
    - b) 42<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 43<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 44<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 45<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 2) 5<sup>th</sup> Panzergrenadier Brigade - Homburg: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 51<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 52<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 53<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 54<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 55<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 3) 34<sup>th</sup> Panzer Brigade - Koblenz: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 341<sup>st</sup> Panzer Battalion: 28 Leopard 2, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 342<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 343<sup>rd</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - d) 344<sup>th</sup> Panzer Battalion: 41 Leopard 2, 4 M577, 12 M113
    - e) 345<sup>th</sup> Panzer Artillery (Lehr) Battalion: 18 M109A3G
  - 4) 2<sup>nd</sup> Artillery Regiment:
    - a) 21<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 22<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 2<sup>nd</sup> Flak Regiment: 36 Gepard
  - 6) 2<sup>nd</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 2<sup>nd</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 26<sup>th</sup> Jäger bn: M113
  - 9) 27<sup>th</sup> Jäger bn: Trucks
  - 10) 2<sup>nd</sup> Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
- d. 26th Luftlande Brigade "Saarland" - Saarlouis:
- 1) Fallschirmjäger Battalion 261: 2 Para Cos, 2 AT Cos
  - 2) Fallschirmjäger Battalion 262: 2 Para Cos, 2 AT Cos
  - 3) Fallschirmjäger Battalion 263: 2 Para Cos, 2 AT Cos
  - 4) Fallschirmjäger Battalion 264: 3 Para Cos (Reserve Unit)
  - 5) Luftlande Mortar Company 260
  - 6) Luftlande Engineer Company 260
  - 7) Luftlande Logistics Company 260
  - 8) Luftlande Medic Company 260
  - 9) 1 Field Replacement Battalion
- e. 3<sup>rd</sup> German Corps Artillery - Koblenz, FRG:
- 1) 1 Drone Battery
  - 2) 1 SSM Battalion: 4 Lance
- f. 3rd Heeresfliegerkommando - Niedermendig, FRG:



- 1) 30<sup>th</sup> Light Army Aviation Transport Regiment: 48 UH-1D, 4 VBH (BO-105M)
  - 2) 35<sup>th</sup> Medium Army Aviation Transport Regiment: 32 CH-53G, 4 VBH (BO-105M)
  - 3) 36<sup>th</sup> Attack Helicopter Regiment - Fritzlar, FRG: 56 PAH-1 (BO-105 with HOT), 5 VBH (BO-105M)
- g. 3<sup>rd</sup> Flugabwehrkommando - Munster, FRG:
- 1) 1 SAM Regiment: 36 Roland
  - 2) 2 Flak Battalions
- h. 3<sup>rd</sup> Pionierkommando - Minden, FRG:
- 1) 4 Combat Engineer Battalions: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge) each
  - 2) 1 Amphibious Engineer Battalion
  - 3) 2 Floating Bridge Battalions
- i. 300<sup>th</sup> Long Range Reconnaissance Company - Koblenz, FRG:
- j. 300<sup>th</sup> Sicherungs Battalion: Light infantry battalion in trucks
4. Schleswig-Holstein Territorial Command - Kiel, FRG: A Corps command in wartime, assigned to AFNORTH.
- a. 6<sup>th</sup> Panzergrenadier Division - Neumünster, FRG: detached from 1st Corps.
- 1) 16<sup>th</sup> Panzergrenadier Brigade "Herzogtum Lauenburg" - Wentorf: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 161<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 162<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 163<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 164<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 165<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 2) 17<sup>th</sup> Panzergrenadier Brigade - Hamburg: 8 M577, 8 Luchs, 12 Jaguar 2
    - a) 171<sup>st</sup> Panzergrenadier Battalion: 13 Leopard 1, 24 Marder, 4 M577, 12 M113, 12 Milan
    - b) 172<sup>nd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - c) 173<sup>rd</sup> Panzergrenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
    - d) 174<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 175<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 3) 18<sup>th</sup> Panzer Brigade "Holstein" - Neumünster: 8 M577, 8 Luchs, 12 Jaguar 1
    - a) 181<sup>st</sup> Panzer Battalion: 28 Leopard 1, 11 Marder, 2 M125, 4 M577, 12 M113, 6 Milan
    - b) 182<sup>nd</sup> Panzergrenadier Battalion: 35 Marder, 6 PanzerMörser 120, 4 M577, 12 M113, 18 Milan
    - c) 183<sup>rd</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - d) 184<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
    - e) 185<sup>th</sup> Panzer Artillery Battalion: 18 M109A3G
  - 4) 6<sup>th</sup> Artillery Regiment:
    - a) 61<sup>st</sup> Field Artillery Battalion: 18 M110A2, 18 FH-70 155mm Howitzers
    - b) 62<sup>nd</sup> Rocket Artillery Battalion: 16 LARS
  - 5) 6<sup>th</sup> Flak Regiment: 36 Gepard
  - 6) 6<sup>th</sup> Recon Battalion: 34 Leopard 1, 10 Luchs, 18 Fuchs (9 with ground radar)
  - 7) 6<sup>th</sup> Engineer Battalion: 4 dozers, 8 AVLB, 8 PiPz, 4 MiW, 12 FSB (bridge)
  - 8) 6<sup>th</sup> Heeresfliegerregiment:
    - a) Army Aviation Liaison and Observation Squadron: 23 VBH (BO-105M)
    - b) Attack Helicopter Squadron: 28 PAH-1 (BO-105 with HOT)
    - c) Light Army Aviation Transport Squadron: 24 UH-1D
  - 9) 66<sup>th</sup> Jäger bn: M113
  - 10) 67<sup>th</sup> Jäger bn: Trucks
- b. 650<sup>th</sup> SSM Battalion: 4 Lance
- c. 600<sup>th</sup> Flak Battalion: Gepard
- d. 620<sup>th</sup> Flak Battalion: Gepard
- e. 640<sup>th</sup> Artillery Battalion: 12 M110 203mm SP howitzers
- f. 630<sup>th</sup> Flak Battalion: 40mm guns
- g. 610<sup>th</sup> Security Battalion:

5. Forces under direct control of Ministry of Defense

- a. Security and Supply Regiment Federal Ministry of Defense (SichVersRgtBMVg):
  - 1) Guard Battalion BMVg: ceremonial and security unit, one company from each service
  - 2) 900<sup>th</sup> Military Police Battalion:
- b. 902<sup>nd</sup> Security Battalion:
- c. 900<sup>th</sup> Army Aviation Squadron:
- d. 910<sup>th</sup> Army Aviation Test Squadron:

Note 1: The divisional Jäger battalions had 3 companies of infantry, plus a heavy company with 6 120mm mortars and 6 Milans. They were composed primarily of reservists.

Note 2: Divisions also had (or were supposed to have) a Sicherungs (security) battalion, which may have been organized similarly to a truck-mounted Jäger bn.

## **TERRITORIALHEER**

(Territorial Army)

1. TerritorialKommando Schleswig-Holstein – Kiel, FRG:

- a. 51<sup>st</sup> Brigade - Eutin, FRG:
  - 1) 511<sup>th</sup> Heavy Jager Battalion: 3 Infantry Companies in M113s
  - 2) 512<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - 3) 513<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
  - 4) 514<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
  - 5) 515<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- b. 61<sup>st</sup> Brigade:
  - 1) 611<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - 2) 612<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - 3) 613<sup>th</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - 4) 615<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- c. 71<sup>st</sup> Regiment:
  - 1) 711<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - 2) 712<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - 3) 713<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
- d. 81<sup>st</sup> Regiment:
  - 1) 811<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - 2) 812<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - 3) 813<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
- e. PionierKommando Schleswig-Holstein:
- f. ArtillerieKommando Schleswig-Holstein:
  - 1) 630<sup>th</sup> Artillery Battalion: 18 155mm FH70
  - 2) 650<sup>th</sup> Rocket Artillery Battalion: 16 110mm LARS-2 MRLs
- g. 610<sup>th</sup> Flak Battalion (Lehr):
- h. VBK10 – Hamburg, FRG:
  - 1) VKK 111 – Flensburg
  - 2) VKK 112 – Schleswig
  - 3) VKK 113 – Eutin
  - 4) VKK 114 – Bad Segeberg
  - 5) VKK 115 – Rendsburg
  - 6) VKK 116 – Heide

2. Northern Territorial Command - Hanover, FRG: A Corps command in wartime, assigned to NORTHAG.

- a. II Home Defense Command (Wehrbereichskommando or WBK) - Hanover, FRG: Will assume a divisional designation in wartime.

- 1) 52<sup>nd</sup> Brigade - Lingen/Elm, FRG:

- a) 521<sup>st</sup> Heavy Jager Battalion: 3 Infantry Companies in M113s

- b) 522<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
- c) 523<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
- d) 524<sup>th</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
- e) 525<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 2) 62<sup>nd</sup> Brigade:
  - a) 621<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 622<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 623<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - d) 625<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 3) 72<sup>nd</sup> Regiment:
  - a) 721<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 722<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 723<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 4) 74<sup>th</sup> Regiment:
  - a) 741<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 742<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 743<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 5) VBK 20 – Bremen:
- 6) VBK 22 - Hannover:
  - a) VKK 221 – Neustadt
  - b) VKK 222 – Nienburg
- 7) VBK 23 - Braunschweig:
  - a) VKK 231 – Braunschweig
  - b) VKK 232 – Göttingen
- 8) VBK 24 - Oldenburg:
  - a) VKK 241 – Cloppenburg
  - b) VKK 242 – Wilhelmshaven
  - c) VKK 243 – Aurich
  - d) VKK 244 – Lingen
  - e) VKK 245 – Osnabrück
- 9) VBK 25 - Lueneburg:
  - a) VKK 251 – Celle
  - b) VKK 253 – Stade
  - c) VKK 254 – Verden/Aller

b. III Home Defense Command (Wehrbereichskommando) - Dusseldorf, FRG: Will assume a divisional designation in wartime.

- 1) 53<sup>rd</sup> Brigade - Duren, FRG:
  - a) 531<sup>st</sup> Heavy Jager Battalion: 3 Infantry Companies in M113s
  - b) 532<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 533<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - d) 534<sup>th</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - e) 535<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 2) 63<sup>rd</sup> Brigade:
  - a) 631<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 632<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 633<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - d) 635<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 3) 83<sup>rd</sup> Regiment:
  - a) 831<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 832<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 833<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 4) 93<sup>rd</sup> Regiment:
  - a) 931<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 932<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 933<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 5) VBK 31 – Koeln
  - a) VKK 311 – Köln
  - b) VKK 312 – Bonn

- c) VKK 313 – Düren
- d) VKK 314 – Aachen
- 6) VBK 32 – Duesseldorf
  - a) VKK 321 – Düsseldorf
  - b) VKK 322 – Wesel
  - c) VKK 323 – Essen
  - d) VKK 324 – Wuppertal
- 7) VBK 33 – Muenster
  - a) VKK 331 – Münster
  - b) VKK 332 – Althahlen
  - c) VKK 333 – Rheine
  - d) VKK 334 – Borken
- 8) VBK 34 – Arnsberg
  - a) VKK 342 – Lippstadt
  - b) VKK 343 – Unna
  - c) VKK 344 – Hemer
  - d) VKK 345 – Siegen
- 9) VBK 35 – Detmold
  - a) VKK 352 – Minden
  - b) VKK 353 – Höxter
  - c) VKK 354 – Bielefeld

3. Southern Territorial Command - Heidelberg, FRG: A Corps command in wartime, assigned to CENTAG.

a. IV Home Defense Command (Wehrbereichskommando) - Mainz, FRG: Will assume a divisional designation in wartime.

- 1) 54<sup>th</sup> Brigade - Trier, FRG:
  - a) 541<sup>st</sup> Heavy Jager Battalion: 3 Infantry Companies in M113s
  - b) 542<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 543<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - c) 544<sup>th</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - d) 545<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 2) 64<sup>th</sup> Brigade:
  - a) 641<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 642<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 643<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - d) 645<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 3) 74<sup>th</sup> Regiment:
  - a) 711<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 712<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 713<sup>th</sup> Jager Battalion: 3 Motorized Infantry Companies
- 4) 84<sup>th</sup> Regiment:
  - a) 841<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 842<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 843<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 5) 94<sup>th</sup> Regiment:
  - a) 941<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 942<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 943<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 6) VBK 41 – Koblenz
  - a) VKK 411 – Mayen
  - b) VKK 412 – Montabaur
  - c) VKK 413 – Idar-Oberstein
  - d) VKK 414 – Koblenz
- 7) VBK 42 – Trier
  - a) VKK 421 – Trier
- 8) VBK 43 – Darmstadt
  - a) VKK 431 – Frankfurt/Main
  - b) VKK 432 – Wiesbaden

- c) VKK 433 – Darmstadt
- d) VKK 434 – Wetzlar
- 9) VBK 44 – Kassel
  - a) VKK 441 – Fritzlar
  - b) VKK 442 – Marburg
- 10) VBK 45 – Neustadt
  - a) VKK 451 – Landau/Pfalz
  - b) VKK 452 – Mainz
  - c) VKK 453 – Zweibrücken
- 11) VBK 46 – Saarbrücken
  - a) VKK 461 – Merzig
- 12) VBK 47 – Gießen

b. V Home Defense Command (Wehrbereichskommando) - Stuttgart, FRG: Will assume a divisional designation in wartime.

- 1) 55<sup>th</sup> Brigade - Boblingen, FRG:
  - a) 551<sup>st</sup> Heavy Jager Battalion: 3 Infantry Companies in M113s
  - b) 552<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 553<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - d) 554<sup>th</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - e) 555<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 2) 65<sup>th</sup> Brigade:
  - a) 651<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 652<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 653<sup>rd</sup> Panzer Battalion: 41 M48A2G2, 4 M577, 12 M113
  - d) 655<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 3) 75<sup>th</sup> Regiment:
  - a) 751<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 752<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 753<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 4) 85<sup>th</sup> Regiment:
  - a) 851<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 852<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 853<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 5) VBK 51 – Ludwigsburg
  - a) VKK 511 – Stuttgart
  - b) VKK 512 – Ludwigshafen
  - c) VKK 513 – Ulm
  - d) VKK 514 – Heilbronn
- 6) VBK 52 – Karlsruhe
  - a) VKK 521 – Karlsruhe
  - b) VKK 522 – Mannheim
  - c) VKK 523 – Pforzheim
- 7) VBK 53 – Freiburg
  - a) VKK 532 – Immendingen
  - b) VKK 533 – Achern
- 8) VBK 54 – Tuebingen
  - a) VKK 541 – Reutlingen
  - b) VKK 542 – Sigmaringen
  - c) VKK 543 – Weingarten

c. VI Home Defense Command (Wehrbereichskommando) - Munich, FRG: Will assume a divisional designation in wartime.

- 1) 56<sup>th</sup> Brigade - Neuburg, FRG: NATO earmarked for the 1<sup>st</sup> Gebirgsjaeger Div.
  - a) 561<sup>st</sup> Panzer Grenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
  - b) 562<sup>nd</sup> Panzer Grenadier Battalion: 24 Marder, 6 PanzerMörser 120, 4 M577, 23 M113, 18 Milan
  - c) 563<sup>rd</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113
  - d) 564<sup>th</sup> Panzer Battalion: 41 Leopard 1, 4 M577, 12 M113

- e) 565<sup>th</sup> Artillery Battalion: 18 M109A2
- f) 560<sup>th</sup> Anti-tank Company: 18 Jagdpanzer Kanone
- g) 560<sup>th</sup> Panzer Pionier Company:
- 2) 66<sup>th</sup> Brigade:
  - a) 661<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 662<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 663<sup>rd</sup> Panzer Battalion: 41 Leopard M48A2G2, 4 M577, 12 M113
  - d) 665<sup>th</sup> Artillery Battalion: 18 towed 105mm howitzers
- 3) 76<sup>th</sup> Regiment:
  - a) 761<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 762<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 763<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 4) 86<sup>th</sup> Regiment:
  - a) 861<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 862<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 863<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 5) 96<sup>th</sup> Regiment:
  - a) 961<sup>st</sup> Jager Battalion: 3 Motorized Infantry Companies
  - b) 962<sup>nd</sup> Jager Battalion: 3 Motorized Infantry Companies
  - c) 963<sup>rd</sup> Jager Battalion: 3 Motorized Infantry Companies
- 6) VBK 61 – Augsburg:
  - a) VKK 611 – Donauwörth
  - b) VKK 613 – Kaufbeuren
  - c) VKK 614 – Kempten
  - d) VKK 615 – Augsburg
- 7) VBK 62 – Regensburg:
  - a) VKK 622 – Weiden
  - b) VKK 623 – Regensburg
- 8) VBK 63 – Ansbach:
  - a) VKK 631 – Ansbach
  - b) VKK 632 – Nürnberg
- 9) VBK 64 – Wuerzburg:
  - a) VKK 642 – Aschaffenburg
- 10) VBK 65 – Muenchen:
  - a) VKK 651 – München
  - b) VKK 652 – Ingolstadt
  - c) VKK 653 – Murnau
  - d) VKK 654 – Traunstein
- 11) VBK 66 – Landshut:
  - a) VKK 661 – Deggenndorf
  - b) VKK 662 – Eggenfelden
- 12) VBK 67 – Bayreuth:

Note 1: It was the objective for the 50-series Territorial Army brigades to have the following organization by the late 1980's:

- a) Panzer Battalion: 41 Leopard I
- b) Panzer Battalion: 41 Leopard I
- c) Jaeger Battalion (Heavy): 3 Light Infantry Companies in either trucks or 30 M113s, 7 Jagdpanzer Kanones, 12 Milans, 6 PanzerMörser 120 (120mm Mortar in M113)
- d) Jaeger Battalion (Heavy): 3 Light Infantry Companies in either trucks or 30 M113s, 7 Jagdpanzer Kanones, 12 Milans, 6 PanzerMörser 120 (120mm Mortar in M113)
- e) Artillery Battalion: 18 105mm Guns
- f) Engineer Company:
- g) Replacement Battalion:

Note 2: It was the objective for the 60-series Territorial Army brigades to have the following organization by the late 1980's:

- a) Panzer Battalion: 41 M48A2G2
- b) Jaeger Battalion (Light): 3 Light Infantry Companies in trucks, 7 Jagdpanzer Kanones, 12 Milans, 6 120mm Mortar

- c) Jaeger Battalion (Light): 3 Light Infantry Companies in trucks, 7 Jagdpanzer Kanones, 12 Milans, 6 120mm Mortar
- d) Artillery Battalion: 18 105mm Guns
- e) Engineer Company:

Note 3: VBKs are Verteidigungsbezirkskommandos (Defense District Commands) (Courtesy of TankNet's BansheeOne, who dug through the German archives for this)

- a) These area commands were usually led by a full colonel. Their job was talking to the civil authorities of the district (a purely administrative unit above county level in the German system of government with no legislative branch, by now abolished in several states) and NATO divisions in their area of responsibility. Missions include:
  - 1) Lead, train and supply units of the Territorial Army in peacetime and mobilize them in wartime
  - 2) Assess military security situation
  - 3) Plan, build and maintain defensive barriers (mine installations, bridges fitted for demolition, etc.)
  - 4) Protect AOR and specifically important military and civilian installations (depots, bridges, water and power stations etc.)
  - 5) Supervise military medical care
  - 6) Coordinate military aid in emergency and disaster situations
  - 7) Support German forces through personnel replacement and supplies
  - 8) Host Nation Support for allied forces
  - 9) support civil defense
- b) Each VBK typically controlled the following assets (in addition to supply, hospital and repair units):
  - 1) Headquarters & HQ Company
  - 2) Jaeger Battalion (may have been absorbed in Regiments)
  - 3) Light engineering battalion
  - 4) Several WallMeisterGruppen (units in charge of barriers and obstacles)
  - 5) NBC defense organizations
  - 6) Several VKKs – county-level defense commands

Note 4: VKKs are Verteidigungskreiskommandos (Defense County Commands) were usually led by a LTC.

- a) VKK's job was to talk to the civilian authorities of one large or several small counties/unincorporated cities, commanders of Bundeswehr installations and NATO brigades in their area of responsibility.
  - 1) Secure defined objects in AOR
  - 2) Support German and allied forces as well as civilian authorities in NBC defense
  - 3) Damage control and repair of structures
  - 4) Acquire information
  - 5) Coordinate military and civil defense planning and military and civilian space requirements
  - 6) Coordinate press and public affairs work of all military units in AOR
  - 7) Participate in measures of psychological defense aimed at local population
  - 8) Handle work of civilians for the military
  - 9) KIA administration
- b) Each VKK typically controlled the following assets:
  - 1) Headquarters and HQ company
  - 2) 3-5 Security (Sicherungs) companies
  - 3) Several NBC defense units

## **LUFTWAFFE GROUND UNITS**

The Luftwaffe missile units were undergoing a widespread reorganization in 1989, making listing them a bit more complex.

- 1. Flugkörpergeschwader (Missile Wing) 1 - Landsberg, FRG: 36 Pershing 1A
- 2. Flugkörpergeschwader 2 - Geilenkirchen, FRG: 36 Pershing 1A
- 3. Flugabwehrraketengruppe (Air Defense Missile Regiment) 3 - Heide, FRG  
Renamed Flugabwehrraketekommando (Air Defense Missile Command) 1 October 1st 1989
  - a. Flugabwehrraketebataillon (Air Defense Missile Battalion) 37 - Cuxhaven, FRG: 4 Squadrons each 6 Hawk

- Renamed Flugabwehrraketengeschwader (Air Defense Missile Wing) 37 and transferred to FlaRakKdo 2 October 1st 1989
- b. Flugabwehrraketenbataillon 38 - Heide, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 38 October 1st 1989
  - c. Flugabwehrraketenbataillon 39 - Eckernförde, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 39 October 1st 1989
  - d. Flugabwehrraketengeschwader 26 - Husum, FRG: 6 Squadrons each 8 Patriot  
Established October 1st 1989, received missiles in 1992
4. Flugabwehrraketenregiment 4 - Bremervörde, FRG  
Renamed Flugabwehrraketenkommando 2 October 1st 1989
- a. Flugabwehrraketengeschwader 24 - Oldenburg, FRG: 6 Squadrons each 8 Patriot  
Established October 1st 1989, received missiles in 1993
  - b. Flugabwehrraketenbataillon 31 - Westertimke, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 31 October 1st 1989
  - c. Flugabwehrraketenbataillon 35 - Delmenhorst, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 35 and transferred to FlaRakKdo 3 October 1st 1989
  - d. Flugabwehrraketenbataillon 36 - Bremervörde, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 36 October 1st 1989
5. Flugabwehrraketenregiment 14 - Oldenburg, FRG  
Renamed Flugabwehrraketenkommando 3 October 1st 1989
- a. Flugabwehrraketenbataillon 24 - Delmenhorst, FRG: Nike-Hercules  
Dissolved September 30th, 1989
  - b. Flugabwehrraketenbataillon 26 - Wangerland, FRG: Nike-Hercules  
Dissolved September 30th, 1989
  - c. Flugabwehrraketengruppe (Air Defense Missile Group) 41 - Wangerland, FRG: 3 Squadrons each 6 Roland  
Established September 29th 1989 from AD Missile Bns 24 and 26, received missiles in 1990
  - b. Flugabwehrraketengeschwader 25 - Barnstorf, FRG: 6 Squadrons each 8 Patriot  
Received missiles in 1990
6. Flugabwehrraketenkommando 4 - Lich, FRG
- a. Flugabwehrraketengruppe 42 - Schöneck, FRG: 6 squadrons each 6 Roland  
See FlaRakKdo 5 for units transferred in 1989
7. Flugabwehrraketenkommando 5 - Erding, FRG
- a. Flugabwehrraketengeschwader 21 - Möhnesee, FRG: 6 Squadrons each 8 Patriot  
Received missiles and transferred to FlaRakKdo 4 in 1989
  - b. Flugabwehrraketengeschwader 22 - Penzing, FRG: 6 Squadrons each 8 Patriot  
Transferred to FlaRakKdo 4 in 1989, received missiles in 1991
  - c. Flugabwehrraketengeschwader 23 - Manching, FRG: 6 Squadrons each 8 Patriot  
Received missiles and transferred to FlaRakKdo 4 in 1989
- See FlaRakKdo 6 for units transferred in 1989
8. Flugabwehrraketenkommando 6 - Lenggries, FRG
- a. Flugabwehrraketenbataillon 32 - Freising, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 32 and transferred to FlaRakKdo 5 October 1st 1989
  - b. Flugabwehrraketenbataillon 33 - Lenggries, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 33 and transferred to FlaRakKdo 5 October 1st 1989
  - c. Flugabwehrraketenbataillon 34 - Rottenburg, FRG: 4 Squadrons each 6 Hawk  
Renamed Flugabwehrraketengeschwader 34 and transferred to FlaRakKdo 5 October 1st 1989
  - d. Flugabwehrraketengruppe 43 - Leipheim, FRG: 5 squadrons each 6 Roland

## **LUFTWAFFE** (German Air Force)

**Note:** Jagdbombergeschwader = JBG (Fighter/Bomber Wing), Jagdgeschwader = JG (Fighter Wing), Aufklärungsgeschwader = AG (Recon Wing)



1. JBG 31 - Nörvenich, FRG: 2 squadrons of 24 Tornado's each
2. JBG 32 - Lechfeld, FRG: 2 squadrons of 24 Tornado's each
3. JBG 33 - Büchel, FRG: 2 squadrons of 24 Tornado's each
4. JBG 34 - Memmingen, FRG: 2 squadrons of 24 Tornado's each
5. JBG 35 - Pferdsfeld, FRG: 2 squadrons of 18 F-4F's each
6. JBG 36 - Hopsten, FRG: 2 squadrons of 24 F-4F's each
7. JBG 38 - Jever, FRG: 1 Squadron of 24 Tornado
8. JBG 41 - Husum, FRG: 3 squadrons of 24 Alpha Jet's each
9. JBG 43 - Oldenburg, FRG: 2 squadrons of 24 Alpha Jet's each
10. JBG 49 - Furstenfeldbruck, FRG: 3 squadrons of 24 Alpha Jet's each
11. JG 71 - Wittmundhaven, FRG: 2 squadrons of 18 F-4F's each
12. JG 74 - Neuburg, FRG: 2 squadrons of 24 F-4F's each
13. AG 51 - Bremgarten, FRG: 2 Squadrons of 18 RF-4C each
14. AG 52 - Leck, FRG: 2 Squadrons of 18 RF-4C each

### **BUNDESMARINE AIR**

**Note:** Marinefliegergeschwader = MFG (Naval Air Wing)

1. MFG 1 - Schleswig, FRG: 2 Squadrons of 24 Tornado each
2. MFG 2 - Eggebek, FRG: 2 Squadrons of 24 Tornado each
3. MFG 3 - Nordholz, FRG: 2 Squadrons of 9 Br. 1151 Atlantic each, 1 Squadron of 18 Lynx
4. MFG 5 - Kiel, FRG: 1 Squadron of 22 Seaking Mk. 41, 1 Squadron of 20 Do-28D-2

## **KINGDOM OF BELGIUM**

### **ROYAL BELGIUM ARMY**

**Note:** The Belgium Army would take 3-4 days to deploy its lead combat forces to their GDP positions along the International German Border (IGB). It would take up to 14 days to fully mobilize the reserve forces. Belgium maintains 10 days of war stocks.

1. 1<sup>st</sup> Belgium (BE) Corps - Cologne, FRG: assigned to NORTHAG.

a. 1<sup>st</sup> Infantry Division (Mech) - Liege, Belgium:

- 1) 1<sup>st</sup> Mech Infantry Brigade - Leopoldsburg, Belgium: 4 Sultans
  - a) 2<sup>nd</sup> Lancers: 40 Leopard I, 8 M113
  - b) 1<sup>st</sup> Carabineers: AIFV-B
  - c) Bevrijding Battalion: AIFV-B
  - d) 18<sup>th</sup> Artillery Battalion: 18 M109A2
  - e) 13<sup>th</sup> Anti-tank Company: 12 Jagdpanzer Kanone, 12 M113A1-B-MIL
  - f) 68<sup>th</sup> Engineer Company:
- 2) 7<sup>th</sup> Mech Infantry Brigade - Marche-n-Femenne, Belgium: 4 Sultans
  - a) 1<sup>st</sup> Lancers: 40 Leopard I, 8 M113
  - b) 1<sup>st</sup> Ardennes Rifles: AIFV-B
  - c) 12<sup>th</sup> Line Battalion: AIFV-B
  - d) 1<sup>st</sup> Artillery Battalion: 18 M109A2
  - e) 8<sup>th</sup> Anti-tank Company: 12 Jagdpanzer Kanone, 12 M113A1-B-MIL
  - f) 67<sup>th</sup> Engineer Company:
- 3) 12<sup>th</sup> Motorized Infantry Brigade (Reserve) - Liege, Belgium: 4 Sultans
  - a) 3<sup>rd</sup> Lancers: 40 Leopard I, 8 M113
  - b) 2<sup>nd</sup> Ardennes Rifles: M113A1-B
  - c) 3rd Rifle Battalion: M113A1-B
  - d) 15<sup>th</sup> Artillery Battalion: 18 M109A2
  - e) 12<sup>th</sup> Anti-tank Company: 12 Jagdpanzer Kanone, 12 Jeep w/Milan
  - f) 12<sup>th</sup> Engineer Company:
  - g) 12<sup>th</sup> Long Range Recon Company (ESR):

b. 16<sup>th</sup> Infantry Division (Mech) - Soest, FRG:

- 1) 4<sup>th</sup> Mech Infantry Brigade - Soest, FRG: 4 Sultans
  - a) 4<sup>th</sup> Lancers: 40 Leopard I, 8 M113
  - b) 1<sup>st</sup> Grenadiers: AIFV-B
  - c) 5<sup>th</sup> Line Battalion: AIFV-B
  - d) 2<sup>nd</sup> Artillery Battalion: 18 M109A3
  - e) 9<sup>th</sup> Anti-tank Company: 12 Jagdpanzer Kanone, 12 M113A1-B-MIL
  - f) 14<sup>th</sup> Engineer Company:
- 2) 17<sup>th</sup> Armored Brigade - Siegen, FRG: 4 Sultans
  - a) 1<sup>st</sup> Guides Battalion: 40 Leopard I, 8 M113
  - b) 2<sup>nd</sup> Guides Battalion: 40 Leopard I, 8 M113
  - c) 1<sup>st</sup> Carabineers Cyclists: AIFV-B
  - d) 2<sup>nd</sup> Carabineers Cyclists: AIFV-B
  - e) 19<sup>th</sup> Artillery Battalion: 18 M109A3
  - f) 2<sup>nd</sup> Anti-tank Company: 12 Jagdpanzer Kanone, 12 M113A1-B-MIL
  - g) 15<sup>th</sup> Engineer Company:
- 3) 10<sup>th</sup> Mech Infantry Brigade (Reserve) - Limberg, Belgium: 4 Sultans
  - a) 8<sup>th</sup> Lancers: 40 Leopard I, 8 M113
  - b) 2<sup>nd</sup> Carabineers: M113A1-B
  - c) 4<sup>th</sup> Line Battalion: M113A1-B
  - d) 74<sup>th</sup> Artillery Battalion: 18 M109A2

- e) 10<sup>th</sup> Anti-tank Company: 12 Jagdpanzer Kanone, 12 Jeep w/Milan
  - f) 10<sup>th</sup> Engineer Company:
  - g) 10<sup>th</sup> Long Range Recon Company (ESR):
  - c. 1<sup>st</sup> Long Range Reconnaissance Company (ESR):
  - d. 3<sup>rd</sup> Lancers - Arolsen, Belgium: 40 Leopard I, 8 M113
  - e. 3 Light Cavalry Squadrons - 1<sup>st</sup> Jaegers te Paard, 2<sup>nd</sup> Jaegers te Paard, and 4<sup>th</sup> Chassuers a Cheval: 24 Scimitar, 24 Scorpion, 12 Striker (w/Swingfire ATGM), 12 Spartan w/recon teams
  - f. 2 Line Infantry Battalions - 3<sup>rd</sup>, 14<sup>th</sup>: M113A1-B
  - g. 13<sup>th</sup> Artillery Group (Corps Artillery Command)
    - 1) 3<sup>rd</sup> SSM Battalion: 4 Lance
    - 2) 6<sup>th</sup> Artillery Battalion: 18 M109A2
    - 3) 17<sup>th</sup> Artillery Battalion: 18 M109A2
    - 4) 72<sup>nd</sup> Artillery Battalion: 12 203mm M115 towed howitzers
    - 5) 20<sup>th</sup> Artillery Battalion: 11 M110A2
    - 6) 13<sup>th</sup> Artillery Battalion: ??
  - j. 2 Anti-Aircraft Battalions - 14<sup>th</sup>, 35<sup>th</sup>: 27 Gepard each
  - k. 2 SAM Battalions – 43<sup>rd</sup>, 64<sup>th</sup>: 18 I-Hawk each
  - m. Corps Engineering Assets:
    - 1)
    - 2)
    - 3)
    - 4)
    - 5)
  - n. 3 Aviation Squadrons - 16<sup>th</sup>, 17<sup>th</sup>, and 18<sup>th</sup>: 13 Alouette II each
  - o. 2 Gendarme Security Companies:
2. Para-Commando Regiment - Leuren, Belgium: assigned to the AMF, expected to reinforce Norway
- a. Recon Squadron: 32 Scorpion
  - b. 1<sup>st</sup> Para-Commando Battalion:
  - c. 2<sup>nd</sup> Para-Commando Battalion (Reserve):
  - d. 3<sup>rd</sup> Para-Commando Battalion:
  - e. 4<sup>th</sup> Para-Commando Battalion (Reserve):
  - f. Artillery battalion: 18 towed 105mm howitzers
3. Interior Forces: provide security within Belgium and replacements to the 1st BE Corps.
- a. 5<sup>th</sup> Ardennes Rifles (Light Infantry Battalion):
  - b. 3<sup>rd</sup> Carabineers Cyclists (Light Infantry Battalion):
  - c. 4<sup>th</sup> Carabineers Cyclists (Light Infantry Battalion):
  - d. 9 Provincial Regiments: each with 2-5 infantry and recce battalions
    - 1) 1<sup>st</sup> Regt – Brabant:
    - 2) 2<sup>nd</sup> Regt – Hainaut:
    - 3) 3<sup>rd</sup> Regt – W. Flanders:
    - 4) 4<sup>th</sup> Regt – E. Flanders:
    - 5) 5<sup>th</sup> Regt – Antwerp:
    - 6) 6<sup>th</sup> Regt – Limburg:
    - 7) 7<sup>th</sup> Regt – Liege:
    - 8) 8<sup>th</sup> Regt – Luxembourg:
    - 9) 9<sup>th</sup> Regt – Namur:
  - e. 4 Engineer Battalions - 4<sup>th</sup>, 11<sup>th</sup>, 27<sup>th</sup>, 31<sup>st</sup>:
  - f. 3 Engineer Companies – 4<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup>:
  - g. 15<sup>th</sup> Aviation Squadron: (mixed unit)

**Note 1:** The AIFV-B equipped battalions had the following total equipment: 21 AIFV-B w/25mm gun, 21 AIFV-B w/12.7mm HMG, 6 M113A1-B w/81mm mortar, 3 M113A1-B-CP (command posts), 3 Scimitar, 2 Scorpion, 3 Spartan w/3 Recon Teams, 18 Milan ATGM, 36 Infantry Sections w/Blindicide, 4 trucks towing 4 4.2” mortars. TO&E: BN HQ: 3 M113A1-B-CP; 3 Cos, each HQ co (1 AIFV-B-25, 1 AIFV-B-12.7, 2 M113A1-B w/81mm mortar), 3 Platoons (each, 2 AIFV-B-25, 2 AIFV-B-12.7, 4 Rifle sections, 2 Milans); 1 recce co (3 Scimitar, 2

Scorpions, 3 Spartans w/3 Recon Teams), 1 Mortar platoon (4 truck-towed 4.2" mortars). M113A1-B-equipped units were similar, but substitute M113 for AIFV.

**Note 2:** Belgium held significant quantities of older equipment in reserve or storage during the end of the 1980s, including 28 (or more) M108 105mm SP howitzers, 419 (IISS) or 554 (Jane's) AMX-VCI tracked personnel carriers, 77 M-75 tracked APCs (may have still been in some engineering units), 25 M-41s, plus unknown numbers of unmodified M-47 gun tanks, M114 155mm towed howitzers, M59 155mm towed howitzers, M115 203mm towed howitzers, M44 155mm SP howitzers, and likely significant numbers of M101 105mm howitzers.

**Note 3:** At least some brigade anti-tank companies received M113A1-B-MIL vehicles in the late 1980's. This vehicle was an M113 with two side-by-side hatches replacing the central hatch on standard vehicles; the left-hand hatch mounted a .50 cal HMG, the right one, a Milan firing post. 56 were procured by 1988. I have made the guess (which is all it is) that the regular brigades had them. It is also possible that each brigade had 9, rather than 12, and all six had them.

**Note 4:** Belgium acquired a total of 701 CVR(T) variants, including at least 157 Scimitars, 136 Scorpions, 266 Spartans and 43 Strikers. Others received included Samsons (recovery) and Sultans (command).

**Note 5:** Jane's says Belgium held 56 twin 20mm AA guns, 56 M55 Quad .50 cal AA guns, and 36 M167 towed 20mm gatling AA guns. It is likely that at least some of these were assigned to airfield defense with the air force.

## **ROYAL BELGIUM AIR FORCE**

1. No. 1 Wing - Beauvechain, Belgium:
  - a. No. 349 Squadron “Mace”: 24 F-16A
  - b. No. 350 Squadron “Ambiorix”: 24 F-16A
2. No. 2 Wing - Florennes, Belgium:
  - a. No. 1 Squadron “Stingers”: 24 F-16A
  - b. No. 2 Squadron “Comet”: 24 F-16A
3. No. 3 Wing - Liege, Belgium:
  - a. No. 8 Squadron: 36 Mirage 5BA
  - b. No. 42 Squadron: 22 Mirage 5BR (Recon)
4. No. 9 Wing - St Truiden, Belgium:
  - a. No. 7 Squadron: 16 Alpha Jets
  - b. No. 33 Squadron: 16 Alpha jets
5. No. 10 Wing - Kleine-Brogel, Belgium:
  - a. No. 23 Squadron “Devils”: 24 F-16A
  - b. No. 31 Squadron “Tigers”: 24 F-16A
6. OCU “Vulture”: F-16B
7. 4 Air Defense Squadrons: 9 Nike-Hercules missiles each

**Note 1:** Belgium built 160 F-16s at its SABCA plant between 1978 and 1991. The first order for 96 F-16A and 20 F-16B was completed in 1985. Deliveries on the second order of 40 F-16A and 4 F-16B were begun in 1987 and completed in 1991.

**Note 2:** Belgium originally took delivery of 63 Mirage 5BA, 16 2-seat Mirage 5BD, and 27 photo-recon Mirage 5BR.

## CANADA

### CANADIAN ARMY

A number of Tank-Net.org members contributed to this OOB, including RO11 and Zipperhead (I think – copied down the post about a year ago)

Note: Canada uses an integrated force structure, not separate branches. Technically, all military units are part of the Canadian Forces and organized by role not service. However, I have broken them up here for ease of organization.

**Note:** The 1<sup>st</sup> Canadian Infantry Division was re-activated in April 1988. The only forward-deployed unit is the 4th Canadian Mech Brigade Group in Lahr, FRG. In wartime, the other two brigades along with 1st Division HQ and supporting units would be deployed to Germany. Canada maintains 7 days of war stocks.

1. 1<sup>st</sup> Canadian Infantry Division (Mech): In wartime assigned to the US VII Corps.
  - a. 1<sup>st</sup> Canadian Brigade Group - Calgary, Alberta:
    - 1) Lord Strathcona's Royal Canadian Horse: 38 Cougar, 23 Lynx
    - 2) 1<sup>st</sup> Bn, Princess Patricia's Canadian Light Infantry: 48 M113, 8 Lynx, 8 81mm mortars, 24 Carl Gustav, 12 TOW
    - 3) 3<sup>rd</sup> Bn, Princess Patricia's Canadian Light Infantry: 48 M113, 8 Lynx, 8 81mm mortars, 24 Carl Gustav, 12 TOW
    - 5) 3<sup>rd</sup> Regiment Royal Canadian Horse Artillery: 24 M109A1, 6 Blowpipe SAM
    - 6) 1<sup>st</sup> Combat Engineer Regiment:
    - 7) 408<sup>th</sup> Tactical Helicopter Squadron
  - b. 4<sup>th</sup> Canadian Mech Brigade Group - Lahr, FRG:
    - 1) Royal Canadian Dragoons: 59 Leopard C-1, 24 Lynx, 3 Leopard ARV (Taurus?), 23 M113
    - 2) 1e Bn, Royal 22e Regiment: 48 M113, 8 Lynx, 8 81mm mortars, 12 60mm Mortars, 24 Carl Gustav, 18 M113 TUA
    - 3) 2nd Bn, Princess Patricia's Canadian Light Infantry: 48 M113, 8 Lynx, 8 81mm mortars, 12 60mm Mortars, 24 Carl Gustav, 18 M113 TUA
    - 4) 1st Regiment Royal Canadian Horse Artillery: 24 M109A2, 6 Blowpipe SAM
    - 5) 4th Combat Engineer Regiment: Size of large company with 3 Biber, 19 M113, 3 Lynx
    - 6) 444<sup>th</sup> Helicopter Squadron: 12 CH136 Kiowa (OH58)
    - 7) 4<sup>th</sup> Air Defence Regiment, Royal Canadian Artillery:
      - a) 127<sup>th</sup> ADA Batter: 16 Oerlikon 35mm, ? ADATS by 1988, ? Javelins
      - b) 128<sup>th</sup> ADA Battery: (airfield defence)
      - c) 129<sup>th</sup> ADA Battery: (airfield defence)
  - c. 5e Groupe-Brigade Mecanise du Canada - Valcartier, Quebec:
    - 1) 12e Regiment Blinde du Canada: 38 Cougar, 23 Lynx
    - 2) 2e Bn, Royal 22e Regiment: 48 Grizzly, 8 Lynx, 8 81mm mortars, 24 Carl Gustav, 12 TOW
    - 3) 3e Bn, Royal 22e Regiment: 48 Grizzly, 8 Lynx, 8 81mm mortars, 24 Carl Gustav, 12 TOW
    - 4) 2<sup>nd</sup> Bn, Royal Canadian Regiment: 48 Grizzly, 8 Lynx, 8 81mm mortars, 24 Carl Gustav, 12 TOW
    - 5) 5e Regiment d'Artilerie legere du Canada: 24 105mm towed howitzers, 6 Blowpipe SAM
    - 6) 5e Regiment Genie du Combat (Engineers):
    - 7) 427<sup>th</sup> Tactical Helicopter Squadron: 10 CH136, 14 UH1, 3 CH47
2. Special Service Force - Petawawa, Ontario: assigned to reinforce NATO:
  - a. 8th Canadian Hussars (Princess Louise's): 19 Leopard C-1, 38 Cougar, 23 Lynx, 8 M113
  - b. Canadian Airborne Regiment (battalion sized):
    - 1) 1ere Commando Aeroporte:
    - 2) 2<sup>nd</sup> Airborne Commando
    - 3) 3<sup>rd</sup> Airborne Commando

- c. 1<sup>st</sup> Bn, Royal Canadian Regiment: 48 Grizzly, 8 Lynx, 8 81mm mortar, 24 Carl Gustav, 12 TOW
- d. 3<sup>rd</sup> Bn, Royal Canadian Regiment: 48 Grizzly, 8 Lynx, 8 81mm mortars, 24 Carl Gustav, 12 TOW
- e. 2<sup>nd</sup> Bn, Royal Canadian Horse Artillery: 24 towed 105mm howitzers
- f. 2<sup>nd</sup> Combat Engineer Regiment:
- g. 427<sup>th</sup> Tactical Helicopter Squadron:

3. 1 Battalion Battle Group: Canadian contingent to the Allied Mobile Force (AMF):

- a. 1 Infantry Battalion: 40 Grizzly, 8 M113, 8 Lynx, 8 81mm mortar, 24 Carl Gustav, 12 TOW
- b. 1 battery, Royal Canadian Horse Artillery: 6 105mm towed howitzers

Note: In 1990 exercises in Norway, the battalion deployed was 1<sup>st</sup> PPCLI, the artillery was D battery, 2RCHA

4. Reserves – the Militia:

- a. 5 Regional HQ's: These equate to Divisional HQ's.
- b. 19 Armored Regiments (battalions): 12 light armor with approximately 4 cougars apiece; 7 were recce
- c. 51 Infantry Battalions: Effectively at company strength at any given time
- d. 5 Engineer Regiments (battalions):
- e. 15 Artillery Regiments (battalions):

**Note 1:** Militia major units were effectively at company strength or less at any given time

**Note 2:** Canada had acquired 64 TUAs (TOW Under Armour) M113 anti-tank vehicles by 1989, replacing many M150s.

**Note 3:** Jane's lists Canada's artillery holdings as of early 1990 as: 57 M114 155mm towed howitzers, 179 C1 (M101) 105mm towed howitzers, 12 Model 56 105mm pack howitzers, 50 M109A1 155mm SP howitzers, and 26 M109A2 155mm SP howitzers.

## **CANADIAN AIR FORCE**

Canadian Air Force information comes from Canadian Squadrons homepage at RCAF.com. It seems likely that at least one of the Canada-based CF-18 squadrons was deployed in Germany, possible No. 409.

1. 1<sup>st</sup> Canadian Air Division - Sollingen, FRG:

- b. 421 Squadron: 18 CF-18
- c. 439 Squadron: 18 CF-18

2. Canadian based Air Forces: reinforces 1st Canadian Air Division

- a. 409 Squadron -- CFB Comox, BC: 18 CF-18
- b. 416 Squadron -- CFB Cold Lake, Alberta: CF-18
- c. 425 Escadrille "Alouette" -- CFB Bagotville, Quebec: CF-18
- d. 433 Escadrille -- CFB Bagotville, Quebec: 18 CF-18 (from CF-5, Jan 1988)
- e. 434 Squadron -- Chatham, New Brunswick: CF-5 (stood down June 1988)
- f. 441 Squadron -- CFB Cold Lake, Alberta: CF-18

3. Training Establishment

- a. 419 Squadron: CF-5 (aggressor and lead-in training)
- b. 410 Squadron: CF-18 (operational conversion unit)

4. Reserves

- a. No. 1 Tactical Aviation Support Squadrons: about 6 CH-136 Kiowas
- b. No. 2 Tactical Aviation Support Squadrons: about 6 CH-136 Kiowas

5. Other Helicopter Units

- a. 447 Squadron: 4 CH-147 Chinook
- b. 450 Squadron: 4 CH-147 Chinook

Note 1: Canada took delivery of a total of 133 CF-18s, including at least 20 CF-18Bs. IISS indicates that in early 1989, all were still operational, although some, perhaps 15, were in storage.

Note 2: A number of sources indicate that as many as 62 CF-116s (Canadian designation for F-5) remained in service with the Canadian forces through the early 1990s, with 419 Squadron and other units. In 1988, 23 CF-5As and 33 CF-5Ds underwent significant upgrades.



## **KINGDOM OF DENMARK**

### **ROYAL DANISH ARMY**

**Note:** The Danish Army consists of about 18,000 personnel. Mobilization will increase it to 70,000+ active duty in 24-72 hours although it would take 6-20 days to be combat ready. There is also a Home Guard force of 70,000+. Denmark maintains 7 days of war stocks.

Changes courtesy of TankNet's Steffen Redbeard and Soren Ras, plus details on several units picked up from Orbat.com forum archives.

#### 1. Western Command – Fredericia (AKA Vestre Landsdelsskommando or LandJut)

##### A) Jutland Division - Aabenraa, Denmark: assigned to AFNORTH.

###### a. Sonderjyske Artillery Regiment

- 1) 23. Artillery Battalion: 18 155mm M114/39 howitzers
- 2) 24. Artillery Battalion: 18 155mm M114/39 howitzers
- 3) 33. Artillery Battalion: 24 155mm guns
- 4) 18. Heavy Battery: 4 203mm Howitzers
- 5) 19. Heavy Battery: 4 203mm Howitzers

###### b. Jyske Engineering Battalion: 4 companies in trucks

###### c. Norrjyske AA Battalion: 12(?) 40mm Bofors AA

###### d. 3. Battalion (5<sup>th</sup>), Jutland Dragoons: Recon with 3 squadrons, each 6 M41DK, 4 M113, 3 M125, + light vehicles

###### e. 1<sup>st</sup> Jutland Brigade (Mech) - Viborg, Denmark:

- 1) 1 Tank Battalion: 20 Leopard I, 27 M113, 2 M125, 4 120mm mortar, 6 TOW, 9 Carl Gustav
- 2) 2 Mech Infantry Battalions: (see notes for organization)
- 3) 1 Motorized Infantry Battalion: 4-6 rifle companies (usually 5), 4 81mm mortars, 6 TOW, 36 Carl Gustav
- 4) 3. Artillery Battalion: 12 M109, 6 towed 155mm howitzers, 6 Redeye SAM

###### f. 2<sup>nd</sup> Jutland Brigade (Mech) - Aalborg, Denmark:

- 1) 1 Tank Battalion: 20 Leopard I, 27 M113, 2 M125, 4 120mm mortar, 6 TOW, 9 CG
- 2) 2 Mech Infantry Battalions: (see notes for organization)
- 3) 1 Motorized Infantry Battalion: 4 81mm mortars, 6 TOW, 36 Carl Gustav ATGM
- 4) 1 Artillery Battalion: 12 M109, 6 towed 155mm howitzers, 6 Redeye SAM

###### g. 3<sup>rd</sup> Jutland Brigade (Mech) - Haderslev, Denmark:

- 1) 1 Tank Battalion: 20 Leopard I, 27 M113, 2 M125, 4 120mm mortar, 6 TOW, 9 CG
- 2) 2 Mech Infantry Battalions: (see notes for organization)
- 3) 1 Motorized Infantry Battalion: 4 81mm mortars, 6 TOW, 36 Carl Gustav
- 4) 7. Artillery Battalion: 12 M109, 6 towed 155mm howitzers, 6 Redeye SAM

##### B) Jutland Battle Group (Mech):

- 1) 1 Tank Battalion:
- 2) 2 Motorized Infantry Battalions: 4 81mm mortars, 6 TOW, 36 Carl Gustav each
- 3) 1 Artillery Battalion: 6 towed 105mm, 12 155mm, and 4 203 mm howitzers, 6 Redeye SAM

##### C) LandJut Assets

- 1) Engineering Battalion/LJ:
- 2) Corps Artillery: (3-5 arty battalions, mainly 105mm how)

#### 2. Eastern Command – Ringsted: (AKA Østre Landkommando or LandZealand), assigned to AFNORTH. Organized as a NATO Corps in order to control expected reinforcements.

##### a. Artillery:

- 1) 2. Arty Battalion: 18 155mm M114/39 howitzers
- 2) 32. Arty Battalion: 18 155mm guns
- 3) 17. Heavy Battery: 4 203mm howitzers

##### b. 1<sup>st</sup> Zealand Brigade (Mech):

- 1) 1. Battalion, Guards Hussar Regt: 30 Centurion, 27 M113, 2 M125, 4 120mm mortar, 6 TOW, 9 CG
- 2) 2. Battalion, Danish Life Regt: (mech inf, see notes for organization, but with 3 mech, 1 tank, no motor inf co)

- 3) 1. Battalion, Zealand Life Regt: (mech inf, see notes for organization)
  - 4) 1 Motorized Infantry Battalion: 4-6 rifle companies (usually 5), 4 81mm mortars, 6 TOW, 36 Carl Gustav
  - 5) 1. Bn, King's Artillery: 12 M109, 6 towed 155mm M114/39 howitzers, 6 Redeye SAM
  - c. 2<sup>nd</sup> Zealand Brigade (Mech):
    - 1) 2. Battalion, Zealand Life Regt: 30 Centurion, 27 M113, 2 M125, 4 120mm mortar, 6 TOW, 9 CG
    - 2) 1. Battalion, Danish Life Regt: (mech inf, see notes for organization)
    - 3) 2. Battalion, Guards Hussar Regt: (mech inf, see notes for organization)
    - 4) 1 Motorized Infantry Battalion: 4-6 rifle companies (usually 5), 4 81mm mortars, 6 TOW, 36 Carl Gustav
    - 5) 5. Bn, King's Artillery: 12 M109, 6 towed 155mm M114/39 howitzers, 6 Redeye SAM
  - d. 1<sup>st</sup> Zealand Battle Group: (reserves)
    - 1) 1 Tank Company: 10 Centurion
    - 2) 1., 2. Battalion, Life Guards (foot infantry): 4 120mm mortars, 6-10 81mm mortars, 6 TOW, 36 Carl Gustav each
    - 3) 16. Artillery Battalion: 24 towed 105mm howitzers, 6 Redeye SAM (3 8-piece batteries)
  - e. 2<sup>nd</sup> Zealand Battle Group: (reserves)
    - 1) 1 Tank Company: 10 Centurion
    - 2) 2 Foot Infantry Battalions: 4 120mm mortars, 6-10 81mm mortars, 6 TOW, 36 Carl Gustav each
    - 3) 22. Artillery Battalion: 24 towed 105mm howitzers, 6 Redeye SAM (3 8-piece batteries)
  - f. 3<sup>rd</sup> Zealand Battle Group: (reserves)
    - 1) 1 Tank Company: 10 Centurion
    - 2) 2 Foot Infantry Battalions: 4 120mm mortars, 6-10 81mm mortars, 6 TOW, 36 Carl Gustav each
    - 3) 21. Artillery Battalion: 24 towed 105mm howitzers, 6 Redeye SAM (3 8-piece batteries)
  - g. 4<sup>th</sup> Zealand Battle Group (Mech): (reserves)
    - 1) 1 Tank Company: 10 Centurion
    - 2) 3., 4. Battalions, Danish Life Regt (Motor Inf): 4 120mm mortars, 6-10 81mm mortars, 6 TOW, 36 Carl Gustav each
    - 3) 14. Artillery Battalion: 24 towed 105mm howitzers, 6 Redeye SAM (4 6-piece batteries)
  - h. 4. Battalion, Life Guards: (independent motor rifle battalion)
  - i. 3. Battalion, Guards Hussar Regiment: Recon with 3 squadrons, each 6 M41DK, 4 M113, 3 M125, + light vehicles
  - j. Zealand Engineer Regiment:
3. Bornholm Force: assigned to AFNORTH.
- a. 1 Light Tank Squadron: 10 M-41DK1
  - b. 1<sup>st</sup>, 2<sup>nd</sup> Battalion, Bornholm Defense Force (Motor Inf): 4 120mm mortars, 6-10 81mm mortars, 6 TOW, 36 Carl Gustav each
  - c. 1 Artillery Battalion: 6 towed 105mm and 12 155mm howitzers, 6 Redeye SAM
4. Jaegerkorpset Battalion (Commando): used for long range reconnaissance.
5. Local Defense Forces (Reserves):
- a. Numerous independent infantry battalions and replacement depots
6. Hjemmevaernet (Home Guard) - these are lightly armed local militia units: 540 Companies with 3 CG ATGM each

**Note 1:** Mechanized Battalions had:

HQ: 3 M113  
 AT: 4 Land Rover 88 w/TOW, 4 M113 w/TOW  
 Mortars: 4 120mm mortars, truck-towed  
 Recce: 4 Mercedes GD w/scout teams  
 Tank Co: 10 Tanks  
 2 Mech Cos: 11 M113, 9 rifle squads, 2 M125 SP 81mm Mortar  
 1 Motor Inf Co (reserve): 9 trucks, 9 rifle squads, 3 81mm mortars  
 Infantry had Carl Gustav for AT

**Note 2:** Centurions in the Zealand Brigades are all 105mm armed by late 1980s, those in the four Battle Groups are 20pdr armed. The two brigaded tanks battalions were in the process of converting to Leopard Is

**Note 3:** Zealand Battle Group Infantry battalions typically had 5 companies, with a sixth armed with obsolete equipment, including Garand rifles.

**Note 4:** 1<sup>st</sup> – 3<sup>rd</sup> Zealand Battle Groups were for coastal defense and were trained for static warfare. The 4<sup>th</sup> Battle Group was trained for mobile warfare.

**Note 5:** Stingers had begun to replace the Redeye (called Hamlet or Samlet in Danish service) by the late 1980s.

## **ROYAL DANISH AIR FORCE**

1. Eskadrille 723: 16 F-16
2. Eskadrille 725: 20 F-35 Draken, 5-6 TF-35 Draken
3. Eskadrille 726: 16 F-16
4. Eskadrille 727: 16 F-16
5. Eskadrille 729: 20 RF-35 Draken, 5-6 TF-35 Draken
6. Eskadrille 730: 16 F-16
7. Luftvaernafdeling Ost (Air Defense Command East?) – Zealand (around Copenhagen):
  - a. Eskadrille 541 – Sigerslev airstation: 6 I-HAWK launchers
  - b. Eskadrille 542: 6 I-HAWK launchers
  - c. Eskadrille 543 – Sigerslev airstation: 6 I-HAWK launchers
  - d. Eskadrille 544: 6 I-HAWK launchers
8. Luftvaernafdeling Vest – Jutland:
  - a. Eskadrille 531 – Odense-Hjorup: 6 I-HAWK launchers
  - b. Eskadrille 532 – Odense-Hjorup: 6 I-HAWK launchers
  - c. Eskadrille 533 – Skrydstrup Airbase: 6 I-HAWK launchers
  - d. Eskadrille 534 – Karup Airbase: 6 I-HAWK launchers

**Note 1:** F-16s were a mix of As and Bs. Denmark took delivery of 46 F-16A and 12 F-16B between 1980 and 1983. A further 8 F-16A and 4 F-16B were delivered from 1987-1991. Given those numbers, it is unlikely that the 4 Danish F-16 squadrons were often at full strength.

**Note 2:** The Draken numbers come from [Scramble](#). They may not reflect attrition losses. Denmark initially took delivery of 20 F-35s, 20 RF-35s (fighters with recon capabilities) and 11 TF-35s (also combat capable). An additional 7 F-35s were eventually acquired from Sweden, but may have been for parts and not for use as line aircraft. IISS says at least 41 were still in service in early 1989. Janes says 16 F-35, 18 RF-35, and 9 TF-35 in early 1990, but that may represent some retirements.

**Note 3:** The locations for the HAWK batteries are taken from [this](#) excellent history of NIKE missiles in Europe. They were mobile units and would deploy as needed during wartime.

## **REPUBLIC OF FRANCE**

### **L'ARMÉE D'TERRE**

(French Army)

**Note 1:** Although the French military was not an active part of NATO, France was dedicated to the defense of Western Europe. The 1<sup>st</sup> French Army during wartime was assigned to CENTAG while the Rapid Action Force was assigned to NORTHAG.

**Note 2:** France can mobilize and deploy its forward forces in as little as 8 days but would need 14-21 days to complete the entire mobilization. France maintains 28 days of war stocks.

**Note 3:** French Armor and Infantry Divisions are about one half the size of a typical NATO heavy division and the light Armored Divisions are about one-third the size.

**Note 4:** French Regimental designations for Armor: Chars de Combat (RCC), Dragoons (RD), or Cuirassiers (RC). The Infantry designations are Infanterie (RI), Groupe-ment de Chasseurs (GC), Regiment de Marché de Tchad (RMT), Infanterie Etrangere (REI or DBLE - Foreign Legion), and Infanterie de Marine (RIMa - historical designation). Artillery is Artillerie (RA) or Marine Artillerie (RAMa). Combat Engineers are Genie (RG) or Foreign Legion Engineers (REG). Armored Recon are Hussards (RH), Light Cavalry is Chasseurs metropolitains (RCh) or Infanterie Chars de Marine (RICM), and the Foreign Legion Cavalry is Cavalerie Etrangere (REC) or Spahis (RE). This last designation commemorates colonial Arab cavalry. Long Range Recon is Dragoon Portes (RDP). Helicopter units are Helicopteres de Combat (RHC) and Groupe-ment d'Helicopteres Legers (GHL). Support Regiments are Regiment de Commande-ment et de Soutien (RCS). Airborne forces include "Parachutistes" within the title and a "P" within the abbreviation. Mountain or Alpine troops add an "A".

1. 1<sup>st</sup> French Army HQ - Strasbourg, France: in wartime assigned to NATO.
  - a. 13<sup>th</sup> Regiment de Dragoons Parachutistes (RDP) - Dieuze, France: 36 ERC-90, 12 Milan
  - b. 402<sup>nd</sup> Regiment d'Artillerie (RA) - Chalons-sur-Marne, France: 24 I-Hawk
  - c. 403<sup>rd</sup> Regiment d'Artillerie (RA) - Chaumont, France: 24 I-Hawk
  - d. 1<sup>st</sup> Regiment de Genie (RG)(Combat Engineers) - Strasbourg, France:
  - e. French Berlin Brigade:
    - 1) 11<sup>th</sup> Regiment de Chasseurs metropolitains (RCh): 36 AMX10RC, 3 VAB, 12 VAB/HOT
    - 2) 46<sup>th</sup> Regiment d'Infanterie (RI): 27 AMX30B2, 27 AMX10P, 12 120mm mortars
    - 3) 1 Military Police Company
2. 1<sup>st</sup> French Corps - Metz, France: assigned to 1st French Army, primary mission is to CENTAG
  - a. 1<sup>st</sup> Armored Division - Trier, FRG:
    - 1) 1<sup>st</sup> Regiment de Cuirassiers Regiment (RC): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 2) 6<sup>th</sup> Regiment de Dragoons (RD): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 3) 8<sup>th</sup> Groupe-ment de Chasseurs (GC): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 4) 16<sup>th</sup> Groupe-ment de Chasseurs (GC): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 5) 30<sup>th</sup> Groupe-ment de Chasseurs (GC): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 6) 9<sup>th</sup> Regiment Artillerie de Marine (RAMa): 24 GCT 155mm SP
    - 7) 13<sup>th</sup> Regiment de Genie (RG)(Combat Engineers):
    - 8) 1<sup>st</sup> Regiment de Commande-ment et de Soutien (RCS):
  - b. 7<sup>th</sup> Armored Division - Besancon, France:
    - 1) 1<sup>st</sup> Regiment de Dragoons (RD): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 2) 5<sup>th</sup> Regiment de Dragoons (RD): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 3) 35<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 4) 170<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 5) 1<sup>st</sup> Regiment d'Artillerie (RA): 24 GCT 155mm SP
    - 6) 12<sup>th</sup> Regiment d'Artillerie (RA): 24 GCT 155mm SP
    - 7) 19<sup>th</sup> Regiment du Genie (RG):

- 8) 7<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS):
- c. 12<sup>th</sup> Division Legere Blindee (DLB)- Saumur, France: Light Armored Division
  - 1) 507<sup>th</sup> Regiment-Char de Combat (RCC): 36 AMX10RC, 3 VAB, and 12 VAB/HOT
  - 2) 3<sup>rd</sup> Regiment de Chasseurs (RCh): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
  - 3) 4<sup>th</sup> Regt d'Infanterie Etrangere (REI): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
  - 4) 33<sup>rd</sup> Regiment d'Artillerie (RA): 24 BF50 155mm towed
- d. 14<sup>th</sup> Division Legere Blindee (DLB)- Montpellier, France: Light Armored Division
  - 1) 11<sup>th</sup> Regiment de Cuirassiers (RCC): 36 AMX10RC, 3 VAB, and 12 VAB/HOT
  - 2) 4<sup>th</sup> Regt d'Infanterie de Marines (RIMa): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
  - 3) 81<sup>st</sup> Regiment d'Infanterie (RI): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
  - 4) 60<sup>th</sup> Regiment d'Artillerie (RA): 24 BF50 155mm towed
- e. 1<sup>st</sup> French Corps assets:
  - 1) 8<sup>th</sup> Regiment de Hussards (RH) - Altkirch, France: 36 AMX10RC, 3 VAB, and 12 VAB/HOT
  - 2) 3<sup>rd</sup> Regiment d'Artillerie (RA) - Mailly, France: 6 Pluton SSM
  - 3) 15<sup>th</sup> Regiment d'Artillerie (RA) - Suippes, France: 6 Pluton SSM
  - 4) 17<sup>th</sup> Regiment d'Artillerie (RA) - Biscarrosse, France: 24 BF50 155mm towed
  - 5) 19<sup>th</sup> Regiment d'Artillerie (RA) - Draguignan, France: 24 BF50 155mm towed
  - 6) 61<sup>st</sup> Regiment d'Artillerie (RA) - Morhange, France: 24 F3 155mm SP
  - 7) 57<sup>th</sup> Regiment d'Artillerie (RA) - Bitche, France: 24 Roland II, 6 AMX30-2 (AA)
  - 8) 2<sup>nd</sup> Regiment du Genie (RG)(Combat Engineers) - Dijon, France:
  - 9) 11<sup>th</sup> Groupe-ment d'Helicopteres Legers (GHL) - Essey-les-Nancy, France: 19 Alouette III, 11 Super Puma, 30 Gazelle/HOT
  - 10) 4<sup>th</sup> Regiment d'Helicopteres de Combat (RHC) - Le Luc, France: 16 Gazelle/HOT, 10 Gazelle/20mm, 8 Puma
3. 2<sup>nd</sup> French Corps - Baden-Baden, FRG: assigned to 1st French Army, primary mission is to CENTAG
  - a. 3<sup>rd</sup> Armored Division - Freiburg, FRG:
    - 1) 12<sup>th</sup> Regiment de Cuirassiers (RC): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 2) 3<sup>rd</sup> Regiment de Dragoons (RD): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 3) 19<sup>th</sup> Groupe-ment de Chasseurs (GC): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81 mm & 12 120mm mortars, 4 Milan
    - 4) 42<sup>nd</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 5) 152<sup>nd</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 6) 110<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 7) 11<sup>th</sup> Regiment d'Artillerie (RA): 24 GCT 155mm SP
    - 8) 32<sup>nd</sup> Regiment du Genie (RG)(Combat Engineers):
    - 9) 3<sup>rd</sup> Regiment de Commande-ment et de Soutien (RCS):
  - b. 5<sup>th</sup> Armored Division - Landau, FRG:
    - 1) 2<sup>nd</sup> Regiment de Cuirassiers (RC): 54 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 2) 4<sup>th</sup> Regiment de Cuirassiers (RC): 54 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 3) 5<sup>th</sup> Regiment de Cuirassiers (RC): 54 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 4) 2<sup>nd</sup> Groupe-ment de Chasseurs (GC): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 5) 24<sup>th</sup> Groupe-ment de Chasseurs (GC): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 6) 153<sup>rd</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 7) 73<sup>rd</sup> Regiment d'Artillerie (RA): 24 GCT 155mm SP
    - 8) 11<sup>th</sup> Regiment du Genie (RG)(Combat Engineers):
    - 9) 5<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS):
  - c. 15<sup>th</sup> Division d'Infanterie (Mech) - Limoges, France:
    - 1) 5<sup>th</sup> Regiment de Chasseurs metropolitains (RCh): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
    - 2) 92<sup>nd</sup> Regiment d'Infanterie (RI): 26 AMX30, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
    - 3) 99<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan

- 4) 126<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 5) 10<sup>th</sup> Regiment d'Artillerie (RA): 24 GCT 155mm SP
- 6) 65<sup>th</sup> Regiment du Genie (RG)(Combat Engineers):
- 7) 15<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS):

d. 2<sup>nd</sup> French Corps assets:

- 1) 3<sup>rd</sup> Regiment de Hussards (RH) - Baden-Baden, FRG: 36 AMX10RC, 3 VAB, 12 VAB/HOT
- 2) 32<sup>nd</sup> Regiment d'Artillerie (RA) - Belfort, France: 6 Pluton SSM
- 3) 74<sup>th</sup> Regiment d'Artillerie (RA) - Suippes, France: 6 Pluton SSM
- 4) 2<sup>nd</sup> Regiment d'Artillerie (RA) - Stetten, FRG: 24 F3 155mm SP
- 5) 34<sup>th</sup> Regiment d'Artillerie (RA) - Wittlich, FRG: 24 F3 155mm SP
- 6) 51<sup>st</sup> Regiment d'Artillerie (RA) - Wittlich, FRG: 24 Roland II, 6 AMX30-2 (AA)
- 7) 53<sup>rd</sup> Regiment d'Artillerie (RA) - Vieu-Breisach, France: 24 Roland II, 6 AMX30-2 (AA)
- 8) 10<sup>th</sup> Regiment du Genie (RG)(Combat Engineers) - Baden-Baden, FRG:
- 9) 33<sup>rd</sup> Regiment du Genie (RG)(Combat Engineers) - Kehl, FRG:
- 10) 12<sup>th</sup> Groupe-ment d'Helicopteres Legers (GHL) - Trier, FRG: 19 Alouette III, 11 Super Puma, 30 Gazelle/HOT
- 11) 2<sup>nd</sup> Regiment d'Helicopteres de Combat (RHC) - Trier, FRG: 16 Gazelle/HOT, 10 Gazelle/20mm, 8 Puma

4. 3<sup>rd</sup> French Corps - Lille, France: assigned to 1st French Army, primary mission is to NORTHAG

a. 2<sup>nd</sup> Armored Division - Versailles, France:

- 1) 6<sup>th</sup> Regiment de Cuirassiers (RC): 54 LeClerc, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
- 2) 2<sup>nd</sup> Regiment de Dragons (RD): 54 LeClerc, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
- 3) 501<sup>st</sup> Regiment-Chars de Combat (RCC): 54 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
- 4) 51<sup>st</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 5) Regt de Marché de Tchad (RMT): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 6) 39<sup>th</sup> Regt d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 7) 1<sup>st</sup> Regiment d'Artillerie de Marine (RAMa): 24 GCT 155mm SP
- 8) 5<sup>th</sup> Regiment du Genie (RG)(Combat Engineers):
- 9) 2<sup>nd</sup> Regiment de Commande-ment et de Soutien (RCS):

b. 10<sup>th</sup> Armored Division - Chalons-sur-Marne, France:

- 1) 2<sup>nd</sup> Regiment de Chasseurs (RCh): 54 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
- 2) 4<sup>th</sup> Regiment de Dragons (RD): 54 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
- 3) 503<sup>rd</sup> Regiment-Chars de Combat (RCC): 54 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
- 4) 1<sup>st</sup> Groupe-ment de Chasseurs (GC): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 5) 150<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 6) 151<sup>st</sup> Regiment d'Infanterie (RI): 26 AMX30B2, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 7) 3<sup>rd</sup> Regiment d'Artillerie de Marine (RAMa): 24 GCT 155mm SP
- 8) 3<sup>rd</sup> Regiment d'Artillerie (RA): 24 GCT 155mm SP
- 9) 3<sup>rd</sup> Regiment du Genie (RG)(Combat Engineers):
- 10) 10<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS):

c. 8<sup>th</sup> Division d'Infanterie (Mech) - Amiens, France:

- 1) 7<sup>th</sup> Regt de Chasseurs metropolitains (RCh): 70 AMX30B2, 11 AMX10P, 3 VAB, 2 81mm mortars, 2 Milan
- 2) 8<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 3) 67<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 4) 94<sup>th</sup> Regiment d'Infanterie (RI): 26 AMX30, 24 AMX10P, 6 VAB, 4 81mm & 12 120mm mortars, 4 Milan
- 6) 41<sup>st</sup> Regiment d'Artillerie de Marine (RAMa): 24 GCT 155mm SP
- 7) 8<sup>th</sup> Regiment du Genie (RG)(Combat Engineers):
- 8) 8<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS):

d. 3<sup>rd</sup> French Corps assets:

- 1) 1<sup>st</sup> Regiment de Hussards (RH) - Lille, France: 36 AMX10RC, 3 VAB, 12 VAB/HOT
- 2) 4<sup>th</sup> Regiment d'Artillerie (RA) - Mailly, France: 6 Pluton SSM

- 3) 8<sup>th</sup> Regiment d'Artillerie (RA) - Commercy, France: 24 105mm towed howitzers
  - 4) 16<sup>th</sup> Regiment d'Artillerie (RA) - Melun, France: 24 BF50 155mm towed
  - 5) 54<sup>th</sup> Regiment d'Artillerie (RA) - Huyeres, France: 24 Roland II, 6 AMX30-2 (AA)
  - 6) 58<sup>th</sup> Regiment d'Artillerie (RA) - Douai, France: 24 Roland II, 6 AMX30-2 (AA)
  - 7) 401<sup>st</sup> Regiment d'Artillerie (RA) - Draguignan, France: 24 I-Hawk, 6 AMX30-2 (AA)
  - 8) 6<sup>th</sup> Regiment du Genie (RG)(Combat Engineers) - Lille, France:
  - 9) 13<sup>th</sup> Regiment du Genie (RG)(Combat Engineers) - Castelsarrasin, France:
  - 10) 71<sup>st</sup> Regiment du Genie (RG)(Combat Engineers) - Oiseley, France:
  - 11) 72<sup>nd</sup> Regiment du Genie (RG)(Combat Engineers) - Mourmelon, France:
  - 12) 6<sup>th</sup> Regt d'Helicopteres de Combat (RHC) - Compienne, France: 16 Gazelle/HOT, 10 Gazelle/20mm, 8 Puma
5. Force d'Action Rapide (FAR) - St Germain-en-Laye, France: primary mission is to NORTHAG
- a. 4<sup>th</sup> Division Aeromobile - Nancy, France: 5100 personnel
    - 1) 1<sup>st</sup> Regiment d'Infanterie (RI): 64 Milan, 8 81mm mortars, 12 120mm mortars
    - 2) 2<sup>nd</sup> Regiment d'Infanterie (RI): 64 Milan, 8 81mm mortars, 12 120mm mortars
    - 3) 1<sup>st</sup> Regt d'Helicopteres de Combat (RHC): 8 Alouette III, 24 Gazelle/HOT, 8 Gazelle/20mm, 24 Super Puma
    - 4) 3<sup>rd</sup> Regt d'Helicopteres de Combat (RHC): 8 Alouette III, 24 Gazelle/HOT, 8 Gazelle/20mm, 24 Super Puma
    - 5) 5<sup>th</sup> Regt d'Helicopteres de Combat (RHC): 8 Alouette III, 24 Gazelle/HOT, 8 Gazelle/20mm, 24 Super Puma
    - 6) 7<sup>th</sup> Regt d'Helicopteres de Combat (RHC): 8 Alouette III, 24 Gazelle/HOT, 8 Gazelle/20mm, 24 Super Puma,
    - 7) 4<sup>th</sup> Regiment du Genie (RG)(Combat Engineers):
    - 8) 4<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS): 8 Alouette III, 8 Super Puma
  - b. 6<sup>th</sup> Division Legere Blindée (DLB)- Nimes, France: 7400 personnel - Light Armoured Division
    - 1) 1<sup>st</sup> Regiment de Spahis (RS): 36 AMX10RC, 3 VAB, 12 VAB/HOT
    - 2) 1<sup>st</sup> Regiment Etrangere de Cavalerie (REC): 36 AMX10RC, 3 VAB, 12 VAB/HOT
    - 3) 2<sup>nd</sup> Regt Etrangere d'Infanterie (REI): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
    - 4) 21<sup>st</sup> Regt d'Infanterie de Marine (RIMa): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
    - 5) 68<sup>th</sup> Regiment d'Artillerie (RA): 24 BF50 155mm towed
    - 6) 6<sup>th</sup> Regiment Etrangere du Genie (REG)(Foreign Legion Combat Engineers):
    - 7) 6<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS):
  - c. 9<sup>th</sup> Division Marine - St Malo, France: 8000 pers - this Infantry Division is trained for amphibious operations
    - 1) Regiment d'Infanterie-Chars de Marine (RICM): 36 AMX10RC, 3 VAB, 12 VAB/HOT
    - 2) 1<sup>st</sup> Regt d'Infanterie de Marine (RIMa): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
    - 3) 2<sup>nd</sup> Regt d'Infanterie de Marine (RIMa): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
    - 4) 3<sup>rd</sup> Regt d'Infanterie de Marine (RIMa): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
    - 5) 41<sup>st</sup> Regiment d'Infanterie (RI): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars
    - 6) 11<sup>th</sup> Regiment d'Artillerie de Marine (RAMa): 24 BF50 155mm towed
    - 7) 59<sup>th</sup> Regiment du Genie (RG)(Combat Engineers):
  - d. 11<sup>th</sup> Division Parachutiste - Toulouse, France: 13500 personnel
    - 1) 1<sup>st</sup> Regiment de Hussards Parachutists (RHP): 36 ERC 90, 12 Milan
    - 2) 3<sup>rd</sup> Parachutiste d'Infanterie de Marine (RPIMa): 12 AML, 12 120 mm mortars, 8 81mm mortars, 8 Milan
    - 3) 6<sup>th</sup> Parachutiste d'Infanterie de Marine (RPIMa): 12 AML, 12 120 mm mortars, 8 81mm mortars, 8 Milan
    - 4) 8<sup>th</sup> Parachutiste d'Infanterie de Marine (RPIMa): 12 AML, 12 120 mm mortars, 8 81mm mortars, 8 Milan
    - 5) 1<sup>st</sup> Regt de Chasseurs Parachutiste (RCP): 12 AML, 12 120 mm mortars, 8 81mm mortars, 8 Milan
    - 6) 9<sup>th</sup> Regt de Chasseurs Parachutiste (RCP): 12 AML, 12 120 mm mortars, 8 81mm mortars, 8 Milan
    - 7) 2<sup>nd</sup> Regiment Etrangere Parachutiste (REP): 12 AML, 12 120 mm mortars, 8 81mm mortars, 8 Milan
    - 8) 35<sup>th</sup> Regiment d'Artillerie Parachutiste (RAP): 24 AU50 105mm towed
    - 9) 17<sup>th</sup> Regiment du Genie Parachutiste (RGP)(Airborne Combat Engineers):
    - 10) 7<sup>th</sup> Regiment Parachutiste de Commande-ment et de Soutien (RPCS):
    - 11) 14<sup>th</sup> Regiment Parachutiste de Commande-ment et de Soutien (RPCS):
  - e. 27<sup>th</sup> Division Alpine - Grenoble, France: 8500 personnel
    - 1) 4<sup>th</sup> Regiment de Chasseurs metropolitains (RCh): 36 AMX10RC, 3 VAB, 12 VAB/HOT

- 2) 6<sup>th</sup> Battalion de Chasseurs Alpine (BCA): 12 AML, 12 120mm mortars, 6 81mm mortars, 6 Milan
- 3) 7<sup>th</sup> Battalion de Chasseurs Alpine (BCA): 12 AML, 12 120mm mortars, 6 81mm mortars, 6 Milan
- 4) 11<sup>th</sup> Battalion de Chasseurs Alpine (BCA): 12 AML, 12 120mm mortars, 6 81mm mortars, 6 Milan
- 5) 13<sup>th</sup> Battalion de Chasseurs Alpine (BCA): 12 AML, 12 120mm mortars, 6 81mm mortars, 6 Milan
- 6) 27<sup>th</sup> Battalion de Chasseurs Alpine (BCA): 12 AML, 12 120mm mortars, 6 81mm mortars, 6 Milan
- 7) 159<sup>th</sup> Regiment d'Infanterie Alpine (RIA): 12 AML, 12 120mm mortars, 8 81mm mortars, 8 Milan
- 8) 93<sup>rd</sup> Regiment d'Artillerie Alpine (RMA): 24 AU50 105mm towed
- 9) 7<sup>th</sup> Battalion du Genie Alpine (BGDA):
- 10) 27<sup>th</sup> Groupe-ment d'Helicopteres (GHL): 19 Alouette III, 11 Super Puma, 30 Gazelle/HOT
- 11) 27<sup>th</sup> Regiment de Commande-ment et de Soutien (RCS):

f. Foreign Legion Group - Aubagne, France:

- 1) 1<sup>st</sup> Regt Etrangere d'Infanterie (REI): 66 VAB, 8 81mm mortars, 8 Milan, 8 20mm AAA, 12 120mm mortars

g. 1<sup>st</sup> Regiment Parachutiste d'Infanterie de Marine (RPIMa) - used for SAS type missions:

h. Fusiliers-Marins: This is an actual 590 man 6 company Marine Commando unit.

6. Regional Forces (Reserves): 6 Military Regions.

- a. 1<sup>st</sup> MR - Paris: 1 Brigade with 1 Armored Recon and 2 Motorized Regiments, and 1 Engineer Battalion
- b. 2<sup>nd</sup> MR - Lille: 1 Brigade with 1 Armored Recon and 2 Motorized Regiments, and 1 Engineer Battalion
- c. 3<sup>rd</sup> MR - Rennes: 1 Brigade with 1 Armored Recon and 2 Motorized Regiments, and 1 Engineer Battalion
- d. 4<sup>th</sup> MR - Bordeaux: 1 Brigade with 1 Armored Recon and 2 Motorized Regiments, and 1 Engineer Battalion
- e. 5<sup>th</sup> MR - Lyon: 1 Brigade with 1 Armored Recon and 2 Motorized Regiments, and 1 Engineer Battalion and the 152<sup>nd</sup> Infantry Division - Montpellier, France (standard Infantry Division structure-used to protect Nuclear assets).
- f. 6<sup>th</sup> MR - Metz: 2 Brigades with 1 Armored Recon and 2 Motorized Regiments, and 1 Engineer Battalion each

**Note 1:** Jane's lists the following armored cars in inventory in early 1990: 425 AML-60, 210 AML-90, 284 AMX-10RC, and 200 ERC-90 (last vehicles delivered in 1990).

**Note 2:** Jane's lists the French artillery park in 1990 as (excluding ongoing deliveries): 140 GCT 155mm SP (other sources say more), 222 Mk F3 155mm SP, 300 Mk F1 105mm SP, 165 OB-150-50 BF 155mm towed howitzers, 159 HM-2 (M101) howitzers.

## **FRENCH AIR FORCE**

1. Escadre de Chasse 2 - Dijon, France:

- a. 1/2 Cigognes: 18 Mirage 2000C
- b. 2/2 Cote d'Or: 18 Mirage 2000C
- c. 3/2 Alsace: 18 Mirage 2000C

2. Escadre de Chasse 3 - Nancy, France:

- a. 1/3 Navarre: 18 Mirage IIIE
- b. 2/3 Champagne: 18 Mirage IIIE
- c. 3/3 Ardennes: 18 Mirage IIIE
- d. 4/3 Vexin - Djibouti, East Africa: 18 F1-C

3. Escadre de Chasse 4 - Luxeuil, France:

- a. 1/4 Dauphine: 15 Mirage 2000N (Nuclear capable)
- b. 2/4 Lafayette: 12 Mirage IIIE

4. Escadre de Chasse 5 - Orange, France:

- a. 1/5 IIE de France: 18 F1-C
- b. 2/5 IIE de France: 18 Mirage 2000C
- c. 3/5 IIE de France: 18 F1-C



5. Escadre de Chasse 7 - St Dizier, France:
  - a. 1/7 Attack Squadron: 16 Jaguar (Nuclear capable)
  - b. 2/7 Attack Squadron: 16 Jaguar (Nuclear capable)
  - c. 3/7 Attack Squadron: 16 Jaguar (Nuclear capable)
  - d. 4/7 Attack Squadron: 16 Jaguar (Nuclear capable)
6. Escadre de Chasse 11 - Toul, France:
  - a. 1/11 Attack Squadron: 18 Jaguar
  - b. 2/11 Attack Squadron: 18 Jaguar
  - c. 3/11 Attack Squadron: 18 Jaguar
  - d. 4/11 Attack squadron: 18 Jaguar
7. Escadre de Chasse 12 - Cambrai, France:
  - a. 1/12 Cambresis: 18 F1-C
  - b. 2/12 Picardie: 18 F1-C
  - c. 3/12 Cornouaille: 18 F1-C
8. Escadre de Chasse 13 - Colmar, France:
  - a. 1/13 Artois: 18 Mirage IIIB
  - b. 2/13 Artois: 18 Mirage IIIE
  - c. 3/13 Alps: 18 Mirage 5F
  - d. 3/13 Auvergne: 18 Mirage 5F
9. Escadre de Chasse 30 - Reims, France:
  - a. 1/30 Valois: 18 F1-C
  - b. 2/30 Normandie: 18 F1-C
  - c. 3/30 Lorraine: 18 F1-C
10. Escadre de Reconnaissance 33 - Strasbourg, France:
  - a. 1/33 Belfort: 16 F1-CR
  - b. 2/33 Savoie: 16 F1-CR
  - c. 3/33 Moselle: 16 F1-CR
11. Escadre de Bombardement 91 - Mont de Marsan, France:
  - a. 1/91 Gascogne: 8 Mirage IV-P (Nuclear capable)
  - b. 2/91 Marne: 8 Mirage IV-P (Nuclear capable)
  - c. 3/91: 4 Mirage IV (Reconnaissance)
12. Escadre de Bombardement 94 -
  - a. 1/94: ? Mirage IV (Nuclear Capable) (training), Istres
  - b. 2/94: ? Mirage IV (Nuclear Capable), St. Didier
  - c. 3/94: ? Mirage IV (Nuclear Capable), Luxeuil
13. Commandement des Ecoles de l'Armee de l'Air
  - a. GI 312: Magister, Alpha Jet, CAP 10/20, Jodel
  - b. EC 1/8: Alpha jet
  - c. EC 2/8: Alpha jet
14. Escadre D'Helicopteres 67 - Cazaux, Metz, Villacoublay, Istres, Apt, France:
  - a. 1/67: Puma, Alouette II/III
  - b. 2/67: Alouette II/III

- c. 3/67: Alouette II/III
- d. 4/67: Puma, Alouette II
- e. 5/67: Puma, Alouette II/III

**Note 1:** According to Jane's, inventory of combat aircraft in 1990 amounted to: 47 Mirage 2000C (probably way too low, 124 were delivered), 15 Mirage 2000N (nuclear strike, delivery ongoing, 75 ordered), 20 Mirage 2000B (ocu, 30 delivered), 151 Mirage F-1C, 68 Mirage F-1CR (recon), 19 Mirage F-1B (ocu), 122 Mirage IIIE, 16 Mirage IIIRD (recon), 12 Mirage IIIBE (ocu), 36 Mirage 5F (ground attack), 18 Mirage IVP (nuclear strike), 26 Mirage IVA (nuclear strike), 132 Jaguar A (ground attack), and 34 Jaguar E (ocu).

**Note 2:** The French Air Force operated 168 Alpha Jets and 170 CM-170 Magisters in the dual training/light attack role.

**Note 3:** The French Air Force operated approximately 40 Pumas and 90+ Alouettes

### **FRENCH NAVAL AIR**

- 1. 3 Strike Squadrons: 18 Super Etendard each
- 2. 1 Interceptor Squadron: 12 F-8E
- 3. 2 ASW Squadrons: 12 Alize each
- 4. 3 ASW Squadrons: 12 Lynx each

Note 1: France held 27 F-8E (FN) in inventory in early 1989, along with 65 Super Etendard and 9 Entendard IVP (recon version)

## **HELLENIC REPUBLIC**

**Note:** Greece left NATO in 1974 due to dissatisfaction with the United States for not preventing the Turkish invasion of Cyprus. Greece rejoined NATO on 20 October 1980.

Organizational data is from Retac21, Combined Arms, about a half dozen web sites, and Tank-Net's Iloxos. Information on the reserves comes from World Armies Today. Information on equipment holdings comes from IISS' The Military Balance 1990-1991 and Jane's and is from early 1990. Special Forces Division organization is from MicroMark.

## **GREEK ARMY**

Overall Command: Hellenic Army General Staff - Athens

- 1.) Athens Military Command - Athens
  - a.) IV Infantry Division (Training) - Tripolis
  - b.) III Infantry Division – Athens
  - c.) Special Forces Division
    - 1.) 32 Marines Brigade – Volos
      - a. Three Marine Battalions, each: 30 rifle squads, 27 GPMG, 27 LRAC, 9 MILAN, 9 60mm mortars, 6 AAMG, 6 Redeye, 6 81mm mortars, 6 Jeep w/MILAN
      - b. Tank Squadron: 17 M48A5
      - c. Artillery Battalion: 18 truck-drawn M101 105mm howitzers
      - d. 3 commando platoons
    - 2.) Commando Regiment – Rentina
      - a. Three Commando Battalions, each: 30 rifle squads, 27 GPMG, 27 LRAC, 15 MILAN, 9 60mm mortars, 6 AAMG, 6 Redeye, 6 81mm mortars
      - b. Artillery Battery: 6 M56 105mm pack howitzers
      - c. Pathfinder Platoon:
    - 3.) 2nd Parachutist Regiment – Aspropyrgos
      - a. 2 Parachute Battalions, each: 30 rifle squads, 27 GPMG, 27 LRAC, 15 MILAN, 9 60mm mortars, 6 AAMG, 6 Redeye, 6 81mm mortars
      - b. Artillery Battery: 6 M56 105mm pack howitzers
      - c. Pathfinder Platoon:
      - d. Special Raider Force Battalion:
    - 4.) 13 Amphibious Raiding Regiment - Athens
- 2.) 1 Army - Larisa
  - a.) 1st Major Military Command - Myrina
    - 1.) 88 Infantry Brigade - Myrina
    - 2.) VIII Infantry Division - Ioannina
      - a.) VIII Infantry Division Field Arty - Ioannina
      - b.) 24 Infantry Regiment - Kalpaki
      - c.) 15 Infantry Regiment - Preveza
      - d.) 3/40 Infantry Regiment - Ioannina
    - 3.) XX Armour Division - Thessaloniki
      - a.) XX Armour Division Field Arty - Thessaloniki
      - b.) XXV Armour Brigade (M48) - Xanthi
      - c.) XXIV Armour Brigade (Leopard 1) - Litochoro
  - b.) A Corps - Kozani
    - 1.) A Corps Field Arty – Kozani
      - a.) 2 155mm M114 Towed Howitzer Battalions
      - c.) 1 203mm M115 Towed Howitzer Battalions
    - 2.) IX Infantry Division (Reserve) - Kozani
      - a.) IX Infantry Division Field Arty - Mavrodendri
      - b.) 1 Infantry Regiment - Florina
      - c.) 27 Infantry Regiment - Mavrodendri
      - d.) 28 Infantry Regiment - Amyntaio
    - 3.) XV Infantry Division (Reserve) - Kastoria

- a.) XV Infantry Division Field Arty - Argos Orestiko
  - b.) 51 Infantry Regiment - Grevena
  - c.) 53 Infantry Regiment - Kostarazi
  - d.) 90 Infantry Regiment - Argos Orestiko
- c.) B Corps - Veroia
  - 1.) B Corps Field Arty – Varvares
    - a.) 2 155mm M114 Howitzer Battalions
    - b.) 1 175mm M107 SP Gun Battalion: 12 SP Guns
    - c.) 1 203mm M115 Howitzer Battalion
  - 2.) I Infantry Division (Reserve) - Giannitsa
    - a.) I Infantry Division Field Arty - Varvares
    - b.) 4 Infantry Regiment - Axioupolis
    - c.) 5/42 Infantry Regiment - Skydra
    - d.) 71 Infantry Brigade - Nea Santa
  - 3.) VI Infantry Division - Kilkis
    - a.) VI Infantry Division Field Arty - Nea Santa
    - b.) 19 Infantry Regiment - Vyroneia
    - c.) 72 Infantry Regiment - Kilkis
  - 4.) II Mechanized Division - Edessa
    - a.) II Mechanized Division Field Arty - Assiros
    - b.) 33 Mechanized Brigade - Polykastro
    - c.) 34 Mechanized Brigade - Thessaloniki
- d.) C Corps - Thessaloniki
  - 1.) C Corps Field Arty – Thessaloniki
    - a.) 2 155mm M114 Howitzer Battalions
    - b.) 1 203mm M115 Howitzer Battalions
  - 2.) X Infantry Division - Serres
    - a.) X Infantry Division Field Arty - Serres
    - b.) 16 Infantry Regiment - Nigrita
    - c.) 68 Infantry Regiment - Sidirokastro
  - 3.) XI Infantry Division - Kavala
    - a.) XI Infantry Division Field Arty - Drama
    - b.) 65 Infantry Regiment - Drama
  - 4.) XXII armour brigade (AMX-30?) - Assiros
- e.) D Corps - Xanthi
  - 1.) D Corps Field Arty – Xanthi (may not have any assigned)
  - 2.) 29 Infantry Regiment - Komotini
  - 3.) XII Infantry Division - Alexandroupolis
    - a.) XII Infantry Division Field Arty - Alexandroupolis
    - b.) 31 Infantry Regiment - Feres
    - c.) 7 Infantry Regiment - Lykofos
  - 4.) XVI Infantry Division - Didymoteicho
    - a.) XVI Infantry Division Field Arty - Orestiada
    - b.) 3 Infantry Regiment - Orestiada
    - c.) 21 Infantry Regiment - Plati
    - d.) 30 Infantry Regiment - Koufovouno
    - e.) 37 Infantry Regiment - Lagos
  - 5.) 50 Infantry Brigade - Soufli
  - 6.) XXI Armour Brigade (M48) – Komotini: 2 Tank Bn (51 M48 each), 1 Mech Bn (M113s), 1 SP Arty Bn (12 M44?)
  - 7.) XXIII Armour Brigade (AMX-30) – Alexandroupolis: 2 Tank Bn (51 AMX-30S each), 1 Mech Bn (M113s?), 1 SP Arty Bn (12 M44?)
- 3.) Other units not under NATO command:
  - a.) Hellenic Forces In Cyprus - Malouda/Cyprus
  - b.) High Mil Cnd Of Inter And Islands - Athens
    - 1.) 79 Military Command – Samos
    - 2.) 80 Military Command – Kos
    - 3.) 84 Military Command – Ermoupolis
    - 4.) 95 Military Command – Rhodes

- 5.) 96 Military Command - Khios
- c.) 98 Higher Military Command - Lesbos
  - 1.) 22 Infantry Regiment - Moria
  - 2.) 36 Infantry Regiment - Kalloni
  - 3.) 98 High Mil Cmd Field Arty - Moria
- d.) V Infantry Division (Training) - Chania
  - a.) V Infantry Division Field Arty - Chania
  - b.) 14 Infantry Regiment - Chania
  - c.) 44 Infantry Regiment – Rethimno
- 4.) Reserve Forces: assigned to one of the active Armies.
  - a.) 12 Infantry Brigades:
  - b.) 100 Home Guard Battalions, primarily for coastal defense.

**Note 1: Greek Organization**

From a variety of sources, including various wargaming lists (Challenger, Leopard, Micro Mark, Combined Arms), I have assembled the following typical TO&E for a Greek Infantry Div:

- 1.) Divisional Artillery:
  - a.) 1 General Support Bn: 18 155mm M114 towed howitzers
  - b.) 1 Heavy Battery: 4 203mm M115
- 2.) Divisional Tank Bn: 55 M47, 2 M113
- 3.) Divisional Recon Co: 3 Jeeps, 6 Recon Jeep w/HMG, 12 M8 Greyhound, 6 M20 utility car, 6 light tanks
- 4.) Divisional AA Unit: ?
- 5.) 2-4 Infantry Regiments, each:
  - a.) 3 Infantry Bn, each: 27 Rifle Squads, 6 Jeep w/106mm RR, 10 Recon Jeep w/HMG
  - b.) Regt AT Co: 12 AT Vehicles
  - c.) Direct Support Bn: 12 105mm M101/M102 towed howitzers

**Note 2: Equipment Assigned**

Light tanks are either M41 or M24.

- 1.) Some divisional tank bns may have M48A3, but not many.
- 2.) Some regimental artillery may have 155mm howitzers.
- 3.) Regimental AT companies may have Jeeps w/106mm RR, Jeeps w/COBRA ATGM, Kurassier SPAT Guns, or M150 SP TOW.
- 4.) Regimental Artillery bns may have been divisional assets..
- 5.) Some Infantry Bns may have MILAN ATGM (6 launchers?)
- 6.) Some Infantry Bns may be motorized with Jeeps and Light Trucks.

**Note 3: Equipment Holdings**

Data is from Jane's, unless otherwise noted. Originally used IISS numbers, but to the extent I was able to verify them, Jane's appeared more accurate. Select IISS numbers appear in brackets.

- 1.) Tanks: 350 (390) M-47, 1100 total M48 (560 M48A2, 740 M48A3/A5), 106 Leopard 1A3, 190 (149) AMX-30, 184 (198) M-24 Chaffee,
- 2.) APC/AIFVs: 96 AMX-10P, 200+ (100) Leonidas (Austrian 4k 7), 517 M-2/M-3 Halftrack, 430 (300) M-59, 1,034 M113
- 3.) Towed Artillery: 180 (18) M-56 105mm, 180 M-102 105mm, 324 (478) M-101 105mm, 32 UK 5.5in (from IISS), 240 (271) M-114 155mm, 44 (85) M115 203mm, 72 M-49 155mm, some M-116 75mm pack howitzers, some 251ber field guns.
- 4.) SP Artillery: 72 (76) M-52 105mm, 37 (49) M44A1 155mm, 51 M109A1 155mm, 36 (84) M109A2 155mm, 36 (12) M107 175mm, 32 (28) M110A2 203mm.
- 5.) Air Defense: 101 RH-202 Twin 20mm, 24 Artemis twin 30mm, 227 Bofors 40mm, 101 (95) M42A Duster twin 40mm, 42 I-HAWK, Redeye manpads

## **GREEK AIR FORCE (Polemiki Aeroporia)**

Data is from a variety of sources; please note that Greek holdings of aircraft were much larger than those listed assigned to the squadrons below. Whether the remainder were in storage, conversion/training units, or out of service is unknown.

1. 110 Pterix (Wing) - Larissa, Greece:
  - a. 337 Fighter/Bomber Mira (Squadron): 18 F-4E
  - b. 347 Attack Mira: 18 A-7H
  - c. 348 Tactical Recon Mira: 5 RF-4E, ? RF-84F, 8 RF-5A
2. 111 Pterix - Nea Anghialos, Greece:
  - a. 341 "Asos" Fighter/Bomber Mira: 14 F-16C/D
  - b. 343 "Asteri" Fighter/Bomber Mira: 20 F-5A
  - c. 349 "Kronos" Fighter/Bomber Mira: 14 F-16C/D
3. 114 Pterix - Tanagra, Greece:
  - a. 332 Fighter Mira: 14 F1-CG
  - b. 334 Fighter Mira – Heraclion, Greece (Crete): 14 F1-CG
  - c. 342 Fighter Mira: 14 Mirage 2000C
4. 115 Pterix - Souda Bay, Greece:
  - a. 340 Attack Mira: 18 A-7H
  - b. 345 Attack Mira: 18 A-7H, 5 TA-7H
5. 117 Pterix - Andravida, Greece:
  - a. 338 Fighter/Bomber Mira: 18 F-4E
  - b. 339 Fighter/Bomber Mira: 18 F-4E
6. 118 Pterix - Araxos, Greece:
  - a. 333 Fighter Mira: 14 Mirage 2000C
  - b. 335 Fighter Mira: 18 F-104G
  - c. 336 Fighter Mira: 18 F-104G
8. 3 SAM Squadrons: 12 Nike-Hercules each

### **Note 1:** Greek aircraft holdings:

#### *Previous Deliveries*

The Hellenic Air Force originally acquired 45 F-104Gs and 6 TF-104Gs. 57 F-104Gs, 22 RF-104Gs, and 21 TF-104Gs were later acquired from other NATO members, some for use for spare parts and others held in reserve. The type served until the early 1990s.

40 F1-CGs were delivered to the HAF between 1975 and 1978 and served with the two squadrons above.

36 F-4Es were delivered via FMS through the end of 1974, of which 7 had been lost by 1989. An additional 20 F-4Es were acquired between 1976 and 1978, of which 6 were lost by 1989. Consequently, it is likely the F-4E units were not up to the strength listed above.

8 RF-4E were delivered, 3 were lost by 1989.

36 Mirage 2000EGs and 4 Mirage 2000BGs were ordered in 1985. At least 36 total were still in inventory in 1989.

60 A-7Hs and 5 TA-7Hs were delivered starting in 1975. At least 56 total were still in inventory in 1989. A-7H was similar to US A-7D.

114 F-5As, 34 RF-5As, and 20 F-5Bs were delivered to Greece by 1988. At least 100 of all type were still in service in 1989. In addition to the 20 assigned to 343 Mira, it is likely that 341 and 349 Mira still had significant numbers of F-5s in service in addition to their F-16s.

*Ongoing Deliveries*

34 F-16C and 6 F-16D were delivered between November 1988 and October 1989.

## ITALIAN REPUBLIC

### ITALIAN ARMY

OOB information is from TankNet's Brummbaer and is based on Italian documents from the period. Information on reserve forces and mobilization plans primarily added from IISS and Jane's.

**Note 1:** The Italian Army could deploy its lead forces within 2-4 days while follow on forces would take 7-10 days to mobilize and the reserves up to 1-4 weeks. The Italians maintained 14 days of war stocks.

#### 1. General Staff

##### a. 1<sup>st</sup> RALE *Antares*:

- 1) 11<sup>th</sup> ETM Squadron Group *Ercole* - Viterbo: 12 CH-47C
- 2) 12<sup>th</sup> ETM Squadron Group *Gru* - Viterbo: 12 CH-47C
- 3) 51<sup>st</sup> EM Squadron Group *Leone* - Viterbo: 12 CH-47C

##### b. Rail Engineer Regiment - Castelmaggiore

- 1) 1<sup>st</sup> Decomposable Metal Bridges Battalion - Castelmaggiore
- 2) 2<sup>nd</sup> Service Battalion Torino

##### c. Bridge Engineer Regiment - Piacenza

- 1) 1<sup>st</sup> Battalion - Legnago
- 2) 2<sup>nd</sup> Battalion - Piacenza
- 3) 3<sup>rd</sup> battalion - Piacenza

##### d. Army Anti-Aircraft Artillery Command - Padova:

###### 1) Support Units:

- a. HQ and Signal Detachment - Padova
- b. Missile Repair and Supply Detachment - Montichiari
- c. AA Equipment Repair and Supply Detachment - Bologna

###### 2) 4<sup>th</sup> SAM Regiment - Mantova: 48 I-Hawk, Stinger SAMs

- a. 24 Signal Coy - Mantova
- b. 1<sup>st</sup> Group - Ravenna: HQ Bty, 4 Missile bty: Fire Control Section, Launch Section (2 radars, 6 I-Hawk launchers)
- c. 2<sup>nd</sup> Group - Mantova: HQ Bty, 4 Missile bty: Fire Control Section, Launch Section (2 radars, 6 I-Hawk launchers)

###### 3) 5<sup>th</sup> SAM Regiment - Mestre: 48 I-Hawk, Stingers SAMs

- a. 25 Signal Coy - Mestre
- b. 1<sup>st</sup> Group - S.Donà di Piave: HQ Bty, 4 Missile bty: Fire Control Section, Launch Section (2 radars, 6 I-Hawk launchers)
- c. 2<sup>nd</sup> Group - Rovigo: HQ Bty, 4 Missile bty: Fire Control Section, Launch Section (2 radars, 6 I-Hawk launchers)

###### 4) 121<sup>st</sup> Light AA Regiment - Bologna:

- a. 1<sup>st</sup> Group - Bologna: HQ Bty, 3 Bty with 24 40/70mm Breda towed AAA, FC Bty 12 CT-40/MIR Fire Control, 24 12,7mm M55 quad AAMG, Stinger SAMs
- b. 2<sup>nd</sup> Group - Mestre: HQ Bty, 3 Bty with 24 40/70mm Breda towed AAA, FC Bty 12 CT-40/MIR Fire Control, 24 12,7mm M55 quad AAMG, Stinger SAMs
- c. 3<sup>rd</sup> Group - Rimini: HQ Bty, 3 Bty with 24 40/70mm Breda towed AAA, FC Bty 12 CT-40/MIR Fire Control, 24 12,7mm M55 quad AAMG, Stinger SAMs
- d. 4<sup>th</sup> Group - Ferrara: HQ Bty, 3 Bty with 24 40/70mm Breda towed AAA, FC Bty 12 CT-40/MIR Fire Control, 24 12,7mm M55 quad AAMG, Stinger SAMs

###### 5) 17<sup>th</sup> Light AA Group *Sforzesca* – Verona Villafranca: HQ Bty, 3 Bty with 24 40/70mm Breda towed AAA, FC Bty 12 CT-40/MIR Fire Control, 24 12,7mm M55 quad AAMG

###### 6) 21<sup>st</sup> Group (cadre) - Bologna

###### 7) 22<sup>nd</sup> Group (cadre) – Bologna

##### e. 235<sup>th</sup> Infantry Battalion BAR *Piceno* - Ascoli Piceno:

##### f. 1<sup>st</sup> NBC Battalion *Etruria* - Rieti:



- g. unknown Signal Battalion
- h. 10<sup>th</sup> Signal Battalion *Lanciano* - Roma
- i. 9<sup>th</sup> EW Battalion *Rombo* - Anzio
- j. 8<sup>th</sup> ELINT Battalion *Tonale* - Anzio

2. 3<sup>rd</sup> Army Corps- Milano

a. 31<sup>st</sup> *Centauro* Tank Brigade - Novara: 4 M577

- 1) 1<sup>st</sup> Tank Battalion *MO Crocco* - Bellinzago Novarese: 49 Leopard I, 8 M113, 1 Leopard BgPz2
- 2) 101<sup>st</sup> Tank Battalion *MO Zappalà* - Bellinzago Novarese: 49 Leopard I, 8 M113, 1 Leopard BgPz2
- 3) 28<sup>th</sup> Bersaglieri Battalion *Oslavia* - Bellinzago Novarese: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 4) 9<sup>th</sup> SP Artillery Group *Brennero* - Vercelli: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
- 5) *Centauro* Anti-Tank Coy - Bellinzago Novarese: 12 VTC I-TOW
- 6) *Centauro* Pioneer Coy - Novara: 3 Leopard BrPz1 Biber
- 7) *Centauro* Logistic Battalion - Bellinzago Novarese

b. 3<sup>rd</sup> *Goito* Mech Infantry Brigade - Milano: 4 M577

- 1) 4<sup>th</sup> Tank Battalion *MO Passalacqua* - Solbiate Olona: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
- 2) 6<sup>th</sup> Bersaglieri Battalion *Palestro* - Torino: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 3) 10<sup>th</sup> Bersaglieri Battalion *Bezzecca* - Solbiate Olona: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 4) 18<sup>th</sup> Bersaglieri Battalion *Poggio Scanno* - Milano: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 5) 3<sup>rd</sup> Artillery Group *Pastrengo* - Vercelli: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
- 6) *Goito* Anti-Tank Coy - Torino: 12 VTC I-TOW
- 7) *Goito* Pioneer Coy - Novara: 3 Leopard BrPz1 Biber
- 8) *Goito* Logistical Battalion - Monza

c. *Legnano* Mech Infantry Brigade - Bergamo: 4 M577

- 1) 20<sup>th</sup> Tank Battalion *MO Pentimalli* - Legnano: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
- 2) 2<sup>nd</sup> Bersaglieri Battalion *Governolo* - Legnano: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 3) 67<sup>th</sup> Mech Infantry Battalion *Montelungo* - Monza: 48 M113, 9 M1064, 18 Milan
- 4) 68<sup>th</sup> Mech Infantry Battalion *Palermo* - Bergamo: 48 M113, 9 M1064, 18 Milan
- 5) 11<sup>th</sup> Artillery Group *Monferrato* - Cremona: 18 M114 155/23 towed howitzers
- 6) *Legnano* Anti-Tank Coy - Monza: 12 VTC I-TOW
- 7) *Legnano* Pioneer Coy - Bergamo: 3 Leopard BrPz1 Biber
- 8) *Legnano* Logistical Battalion - Presezzo

d. *Cremona* Motorized Brigade - Torino: 4 M577

- 1) 21<sup>st</sup> Motorized Infantry Battalion *Alfonsine* - Alessandria: 6 120mm mortars, 18 Milan
- 2) 22<sup>nd</sup> Motorized Infantry Battalion *Primaro* - Fossano: 6 120mm mortars, 18 Milan
- 3) 157<sup>th</sup> Motorized Infantry Battalion *Liguria* - Novi Ligure: 6 120mm mortars, 18 Milan
- 4) 1<sup>st</sup> Armored Cav Sq Group *Nizza Cavalleria* - Pinerolo: 26 Leopard 1A2, 16 M113, 3 M1064, 18 AR-59 M40A1/106 rcl, 1 Leopard BgPz 2
- 5) 7<sup>th</sup> Artillery Group *Adria* - Torino: 18 M114 155/23 towed howitzers
- 6) *Cremona* Anti Tank Coy: 12 AR-76 TOW
- 7) *Cremona* Pioneer Coy - Pinerolo
- 8) *Cremona* Logistic Battalion - Torino

c. 3<sup>rd</sup> Italian Corps assets:

- 1) 4<sup>th</sup> Infantry Battalion BAR *Guastalla* - Asti *attribution to Corps conjectural*
- 2) 26<sup>th</sup> Infantry Battalion BAR *Bergamo* Diano Castello *attribution to Corps conjectural*
- 3) 72<sup>nd</sup> Infantry Battalion BAR *Puglie* - Albenga *attribution to Corps conjectural*
- 4) 15<sup>th</sup> Tank Cav Squadron Group *Cavalleggeri di Lodi* - Lenta: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
- 5) 3<sup>rd</sup> RALE *Aldebaran* - Milano:
  - a) 23<sup>rd</sup> ALE Squadron Group *Eridano* - Bresso: AB-206,
  - b) 53<sup>rd</sup> EM Squadron Group *Cassiopea* - Padova: AB-205
  - c) 46<sup>th</sup> ERI Squadron Group *Sagittario* - Vercelli
- 6) 131<sup>st</sup> Heavy Artillery Group *Vercelli* - Vercelli: 18 155mm FH-70 towed howitzers
- 7) 205<sup>th</sup> Heavy Artillery Group *Lomellina* - Vercelli: 18 155mm FH-70 towed howitzers
- 8) Horse Artillery Regiment - Milano

- a) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> SP Groups - Milano: 18 M109G, 2 M577, 3 M113, M548 ammo carriers each
- b) 3<sup>rd</sup> Artillery Specialists Group *Brianza* - Milano
- 9) 131<sup>st</sup> Engineer Battalion *Ticino* - Bellinzago Novarese
- 10) 3<sup>rd</sup> Pioneer Battalion *Lario* - Pavia
- 11) 3<sup>rd</sup> Signal Battalion *Spluga* - Milano
- 12) 3rd Logistic Battalion - Milano

3. 4<sup>th</sup> Alpini Army Corp - Bolzano, IT:

a. *Cadore* Alpini Brigade - Belluno: 4 M577

- 1) *Belluno* Alpini Battalion BAR - Belluno: 2 Coys
- 2) *Feltre* Alpini Battalion - Feltre: 9 120mm mortar, 8 M113, 18 Milan
- 3) *Pieve di Cadore* Alpini Battalion - Tai di Cadore: 9 120mm mortar, 8 M113, 18 Milan
- 4) *Agordo* Mountain Artillery Group - Bassano del Grappa: 18 105/14 M56 towed howitzers
- 5) *Lanzo* Mountain Artillery Group - Belluno: 18 M114 155/23 towed howitzers
- 6) *Cadore* Anti Tank Coy - Belluno: 12 AR-76 TOW
- 7) *Cadore* Pioneer Coy - Belluno
- 8) *Cadore* Logistic Battalion - Belluno

b. *Julia* Alpini Brigade - Udine: 4 M577

- 1) *Cividale* Alpini Battalion - Chiusaforte: 9 120mm mortar, 8 M113, 18 Milan
- 2) *Gemona* Alpini Battalion - Tarvisio: 9 120mm mortar, 8 M113, 18 Milan
- 3) *L'Aquila* Alpini Battalion - L'Aquila: 9 120mm mortar, 8 M113, 18 Milan
- 4) *Tolmezzo* Alpini Battalion - Paluzza: 9 120mm mortar, 8 M113, 18 Milan
- 5) *Vicenza* Alpini Battalion BAR - Codroipo:
- 6) *Val Tagliamento* Alpini Defense Battalion - Tolmezzo: 6 120mm mortars, 18 Milan
- 7) *Conegliano* Mountain Artillery Group - Udine: 18 M114 155/23 towed howitzers
- 8) *Udine* Mountain Artillery Group - Tolmezzo: 18 105/14 M56 towed howitzers
- 9) *Julia* Anti Tank Coy - Cavazzo Carnico: 12 AR-76 TOW
- 10) *Julia* Pioneer Coy - Gemona
- 11) *Julia* Logistic Battalion - Udine

c. *Orobica* Alpini Brigade - Merano: 4 M577

- 1) *Edolo* Alpini Battalion BAR - Merano:
- 2) *Morbegno* Alpini Battalion - Vipiteno: 9 120mm mortar, 8 M113, 18 Milan
- 3) *Tirano* Alpini Battalion - Valles-Venosta: 9 120mm mortar, 8 M113, 18 Milan
- 4) *Bergamo* Mountain Artillery Group - Silandro: 18 105/14 M56 towed howitzers
- 5) *Sondrio* Mountain Artillery Group - Vipiteno: 18 M114 155/23 towed howitzers
- 6) *Orobica* Anti Tank Coy - Merano: 12 AR-76 TOW
- 7) *Orobica* Pioneer Coy - Merano
- 8) *Orobica* Logistic Battalion - Merano

d. *Taurinense* Alpini Brigade - Torino: 4 M577

- 1) *Aosta* Alpini Battalion - Aosta: 9 120mm mortar, 8 M113, 18 Milan
- 2) *Mondovì* Alpini Battalion BAR - Cuneo:
- 3) *Saluzzo* Alpini Battalion - S.Dalmazzo: 9 120mm mortar, 8 M113, 18 Milan
- 4) *Susa* Alpini Battalion - Pinerolo: 9 120mm mortar, 8 M113, 18 Milan
- 5) *Pinerolo* Artillery Group - Susa: 18 105/14 M56 towed howitzers
- 6) *Aosta* Artillery Group - Saluzzo: 18 M114 155/23 towed howitzers
- 7) *Taurinense* Anti Tank Coy - Torino: 12 AR-76 TOW
- 8) *Taurinense* Pioneer Coy - Abbadia Alpina
- 9) *Taurinense* Logistical Battalion - Rivoli

e. *Tridentina* Alpini Brigade - Bressanone: 4 M577

- 1) *Bassano* Alpini Battalion - S.Candido: 9 120mm mortar, 8 M113, 18 Milan
- 2) *Bolzano* Alpini Battalion - Bressanone: 9 120mm mortar, 8 M113, 18 Milan
- 3) *Trento* Alpini Battalion - Trento: 9 120mm mortar, 8 M113, 18 Milan
- 4) *Val Brenta* Alpini Defense Battalion - Brunico: 6 120mm mortars, 18 Milan
- 5) *Asiago* Mountain Artillery Group - Dobbiaco: 18 105/14 M56 towed howitzers

- 6) *Vicenza* Heavy Mountain Artillery Group - Elvas-Naz: 18 M114 155/23 towed howitzers
- 7) *Tridentina* Anti Tank Coy - Brunico: 12 AR-76 TOW
- 8) *Tridentina* Pioneer Coy - Bressanone
- 9) *Tridentina* Logistical Battalion - Varna

f. 4<sup>th</sup> Italian Alpini Corps assets:

- 1) Alpini Parachute Company *Cervino* - Bolzano
- 2) 3<sup>rd</sup> Armored Cav Squadron *Savoia Cavalleria* - Merano: 26 Leopard 1A2, 16 M113, 3 M1064, 18 AR-59 M40A1/106 rcl, 1 Leopard BgPz 2
- 3) 7<sup>th</sup> Carabinieri Armored Battalion *MO Petruccelli* – Laives: *probably on M47 and M113*
- 4) 4<sup>th</sup> ALE Group *Altair* – Bolzano- S. Giacomo: AB205, SM-1019
  - a) 24<sup>th</sup> ALE Squadron Group *Orione*– Bolzano- S. Giacomo
  - b) 44<sup>th</sup> ERI Squadron Group *Fenice*– Bolzano- S. Giacomo
  - c) 54<sup>th</sup> EM Squadron Group *Cefeo*– Bolzano- S. Giacomo
- 5) 4<sup>th</sup> Heavy Artillery Regiment - Trento
  - a) 1<sup>st</sup> Group/4: 18 203mm M115 towed howitzers
  - b) 2<sup>nd</sup> Group/4: 18 203mm M115 towed howitzers
- 6) 10<sup>th</sup> Heavy Artillery Group *Avisio* - Trento: 18 155mm FH-70 towed howitzers
- 7) 4<sup>th</sup> Artillery Specialist Battalion *Bondone* - Trento
- 8) 2<sup>nd</sup> Mine Engineer Battalion *Iseo* - Bolzano
- 9) 4<sup>th</sup> Pioneer Battalion *Orta* – Trento
- 10) 7<sup>th</sup> Signal Coy – Bassano del Grappa
- 11) 4<sup>th</sup> Signal Battalion *Gardena* – Bolzano
- 12) 4<sup>th</sup> Logistic Battalion - Bolzano

4. 5<sup>th</sup> Italian Corp - Vittorio Veneto

a. 32<sup>nd</sup> *Mameli* Tank Brigade - Tauriano: 4 M577

- 1) 3<sup>rd</sup> Tank Battalion *MO Golas* - Tauriano: 49 M60A1, 8 M113, 1 Leopard BgPz 2
- 2) 5<sup>th</sup> Tank Battalion *MO Chiamenti* - Tauriano: 49 M60A1, 8 M113, 1 Leopard BgPz 2
- 3) 23<sup>rd</sup> Bersaglieri Battalion - Tauriano: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 4) 12<sup>th</sup> SP Field Artillery Group - Vacile: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
- 5) *Mameli* Anti-Tank Coy - Vacile: 12 VTC I-TOW
- 6) *Mameli* Engineer Coy - Vacile: 3 Leopard BrPz1 Biber
- 7) *Mameli* Logistical Battalion - Vacile

b. 132<sup>nd</sup> *Ariete* Tank Brigade - Pordenone: 4 M577

- 1) 8<sup>th</sup> Tank Battalion *MOV M Secchiaroli* - Aviano: 49 M60A1, 8 M113, 1 Leopard BgPz 2
- 2) 10<sup>th</sup> Tank Battalion *MOV M Bruno* - Aviano: 49 M60A1, 8 M113, 1 Leopard BgPz 2
- 3) 27<sup>th</sup> Bersaglieri Battalion *Jamiano* - Aviano: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 4) 20<sup>th</sup> SP Field Artillery Group *Piave* - Maniago: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
- 5) *Ariete* Anti-Tank Coy - Maniago: 12 VTC I-TOW
- 6) *Ariete* Engineer Coy - Maniago: 3 Leopard BrPz1 Biber
- 7) *Ariete* Logistical Battalion - Maniago

c. 8<sup>th</sup> *Garibaldi* Bersaglieri Brigade - Pordenone: 4 M577

- 1) 7<sup>th</sup> Tank Battalion *MO Di Dio* - Vivaro: 49 M60A1, 8 M113, 1 Leopard BgPz 2
- 2) 3<sup>rd</sup> Bersaglieri Battalion *Cernia* - Pordenone: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 3) 11<sup>th</sup> Bersaglieri Battalion *Caprera* - Orcenico sup.: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 4) 26<sup>th</sup> Bersaglieri Battalion *Castelfidardo* - Maniago: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 5) 73<sup>rd</sup> Defense Battalion *Lombardia* - Arzene: 18 Milan
- 6) 120<sup>th</sup> Defense Battalion *Fornovo* - Ipplis: 18 Milan
- 7) 19<sup>th</sup> SP Field Artillery Group *Rialto* - Sequals: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
- 8) *Garibaldi* Anti-Tank Coy - Vivaro: 12 VTC I-TOW
- 9) *Garibaldi* Engineer Coy - Orcenico sup.: 3 Leopard BrPz1 Biber
- 10) *Garibaldi* Logistical Battalion - Pordenone

d. *Pozzuolo di Friuli* Cavalry Tank Brigade - Palmanova: 4 M577

- 1) 5<sup>th</sup> Tank Squadron Group *Lancieri di Novara* - Palmanova: 49 Leopard I, 8 M113, 1 Leopard BgPz 2

- 2) 28<sup>th</sup> Tank Squadron Group *Cavalleggeri di Treviso* - Codroipo: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
  - 3) 4<sup>th</sup> Mech Infantry Squadron Group *Genova* - Palmanova: 40 VCC1, 9 M1064, 8 M113, 18 Milan
  - 4) 120<sup>th</sup> SP Field Artillery Group *Po* - Palmanova: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
  - 5) *PdF* Anti-Tank Coy - Palmanova: 12 VTC I-TOW
  - 6) *PdF* Engineer Coy - Palmanova: 3 Leopard BrPz1 Biber
  - 7) *PdF* Logistical Battalion - Visco
- e. *Mantova* Mech Infantry Brigade - Udine: 4 M577
- 1) 63<sup>rd</sup> Tank Battalion *MO Fioritto*: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
  - 2) 59<sup>th</sup> Mech Infantry Battalion *Calabria*: 48 M113, 9 M1064, 18 Milan
  - 3) 76<sup>th</sup> Mech Infantry Battalion *Napoli*: 48 M113, 9 M1064, 18 Milan
  - 4) 114<sup>th</sup> Mech Infantry Battalion *Moriago*: 48 M113, 9 M1064, 18 Milan
  - 5) 52<sup>nd</sup> Defense Battalion *Alpi* - Purgessimo: 18 Milan
  - 6) 28<sup>th</sup> Field Artillery Group *Livorno*: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
  - 7) *Mantova* Anti-Tank Coy: 12 VTC I-TOW
  - 8) *Mantova* Engineer Coy: 3 Leopard BrPz1 Biber
  - 9) *Mantova* Logistical Battalion
- f. *Brescia* Mech Infantry Brigade - Brescia: 4 M577
- 1) 13<sup>th</sup> Tank Battalion *MO Pascucci* - Cordenons: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
  - 2) 20<sup>th</sup> Mech Infantry Battalion *M.S. Michele* - Brescia: 48 M113, 9 M1064, 18 Milan
  - 3) 30<sup>th</sup> Mech Infantry Battalion *Pisa* - Montorio Veronese: 48 M113, 9 M1064, 18 Milan
  - 4) 85<sup>th</sup> Mech Infantry Battalion *Verona* - Montorio Veronese: 48 M113, 9 M1064, 18 Milan
  - 5) 52<sup>nd</sup> Field Artillery Group *Venaria* - Brescia: 18 M59 155/45mm towed howitzers
  - 6) *Brescia* Anti-Tank Coy - Montorio Veronese: 12 VTC I-TOW
  - 7) *Brescia* Pioneer Coy - Montorio Veronese: 3 Leopard BrPz1 Biber
  - 8) *Brescia* Logistical Battalion - Montorio Veronese
- g. *Vittorio Veneto* Mech Cavalry Brigade – Poggioreale del Carso: 4 M577
- 1) 6<sup>th</sup> Tank Squadron Group *Lancieri di Aosta* - Cervignano: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
  - 2) 9<sup>th</sup> Mech Squadron Group *Lancieri di Firenze*: 40 VCC1, 9 M1064, 8 M113, 18 Milan
  - 3) 2nd Mech Infantry Squadron Group *Piemonte Cavalleria*: 40 VCC1, 9 M1064, 8 M113, 18 Milan
  - 4) 12<sup>th</sup> Mech Cav Squadron Group *Saluzzo*: 40 VCC1, 9 M1064, 8 M113, 18 Milan
  - 5) 33<sup>rd</sup> Defense Battalion *Ardenza* - Fogliano Redipuglia: 18 Milan
  - 6) 8<sup>th</sup> SP Field Artillery Group *Pasubio* - Banne: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
  - 7) *Vittorio Veneto* Anti-Tank Coy: 12 VTC I-TOW
  - 8) *Vittorio Veneto* Pioneer Coy: 3 Leopard BrPz1 Biber
  - 9) *Vittorio Veneto* Logistic Battalion
- h. *Gorizia* Mech Infantry Brigade - Gorizia: 4 M577
- 1) 22<sup>nd</sup> Tank Battalion *MO Piccinini*: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
  - 2) 41<sup>st</sup> Mech Infantry Battalion *Modena* - Villa Vicentina: 48 M113, 9 M1064, 18 Milan
  - 3) 82<sup>nd</sup> Mech Infantry Battalion *Torino* - Cormons: 48 M113, 9 M1064, 18 Milan
  - 4) 183<sup>rd</sup> Mech Infantry Battalion *Nembo* - Gradisca d'Isonzo: 48 M113, 9 M1064, 18 Milan
  - 5) 53<sup>rd</sup> Defense Battalion *Umbria*: 18 Milan
  - 6) 63<sup>rd</sup> Defense Battalion *Cagliari* - S.Lorenzo Isontino: 18 Milan
  - 7) 46<sup>th</sup> SP Field Artillery Group *Trento* - Gradisca d'Isonzo: 18 M109G, 2 M577, 3 M113, M548 ammo carriers
  - 8) *Gorizia* Anti-Tank Coy - Gorizia: 12 VTC I-TOW
  - 9) *Gorizia* Pioneer Coy - Cormons: 3 Leopard BrPz1 Biber
  - 10) *Gorizia* Logistical Battalion - Gradisca d'Isonzo
- i. *Trieste* Mech Infantry Brigade - Bologna: 4 M577
- 1) 11<sup>th</sup> Tank Battalion *MO Calzecchi* - Ozzano Emilia: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
  - 2) 37<sup>th</sup> Mech Infantry Battalion *Ravenna* - Bologna: 48 M113, 9 M1064, 18 Milan
  - 3) 40<sup>th</sup> Mech Infantry Battalion *Bologna* - Bologna: 48 M113, 9 M1064, 18 Milan
  - 4) 66<sup>th</sup> Mech Infantry Battalion *Valtellina* - Forlì: 48 M113, 9 M1064, 18 Milan
  - 5) 21<sup>st</sup> Field Artillery Group *Romagna* - Bologna: 18 M114 155/23 towed howitzers
  - 6) *Trieste* Anti-Tank Coy - Bologna: 12 VTC I-TOW
  - 7) *Trieste* Pioneer Coy - Bologna: 3 Leopard BrPz1 Biber

8) Trieste Logistical Battalion - Budrio

j. 5<sup>th</sup> Italian Corps assets:

- 1) Trieste Troop Command:
  - a) 1<sup>st</sup> Motorized Infantry battalion *S. Giusto* - Trieste
- 2) Amphibious Troops Command - Venezia Lido:
  - a) 1<sup>st</sup> Lagunari Battalion *Serenissima* - Venezia Malcontenta: 48 M113, 9 M1064, 18 Milan
  - b) Amtracks Battalion *Sile* - Venezia S.Andrea: HQ Coy, Recon pl, 15 LVTP-7, various boats
- 3) 19<sup>th</sup> Recon Cav Squadron Group *Cavalleggeri Guide*: 14 Leopard I, 26 VCC1, 4 M1064, 6 M113
- 4) 7<sup>th</sup> Tank Cav Squadron Group *Lancieri di Milano*: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
- 5) 13<sup>th</sup> Carabinieri Armored Battalion *MO Petruccelli* – Gorizia: *probably on M47 and M113*
- 6) 7<sup>th</sup> Infantry Battalion BAR *Cuneo* - Udine: *attribution to Corps conjectural*
- 7) 48<sup>th</sup> Infantry Battalion BAR *Ferrara* - Bari: *attribution to Corps conjectural*
- 8) 16<sup>th</sup> Infantry Battalion BAR *Savona* - Savona: *attribution to Corps conjectural*
- 9) 28<sup>th</sup> Infantry Battalion BAR *Pavia* - Pesaro: *attribution to Corps conjectural*
- 10) 11<sup>th</sup> Infantry Battalion BAR *Casale* - Casale Monferrato: *attribution to Corps conjectural*
- 11) 14<sup>th</sup> Bersaglieri BAR Battalion *Sernaglia* - Albenga: *attribution to Corps conjectural*
- 12) 5<sup>th</sup> ALE Group *Rigel* - Casarsa della Delizia:
  - a) 25<sup>th</sup> ALE Squadron Group *Cigno* - Casarsa della Delizia
  - b) 47<sup>th</sup> ERI Squadron Group *Levrieri* - Treviso:
  - c) 48<sup>th</sup> ERI Squadron Group *Pavone* - Campofornido:
  - d) 49<sup>th</sup> ERI Squadron Group *Capricorno* - Casarsa della Delizia:
  - e) 55<sup>th</sup> EM Squadron Group *Dragone* - Casarsa della Delizia
- 13) 1<sup>st</sup> Engineer Battalion
- 14) 3<sup>rd</sup> Engineer Battalion
- 15) 5<sup>th</sup> Engineer Battalion:
- 16) 104<sup>th</sup> Engineer Battalion:
- 17) 184<sup>th</sup> Engineer Battalion:
- 18) 3124<sup>th</sup> Engineer Battalion:
- 19) Artillery Brigade - Portogruaro:
  - a) 3<sup>rd</sup> Missile Group *Volturno* - Oderzo: 6 Lance SSM launcher vehicles M752
  - b) 13<sup>th</sup> GRACO (Targets Acquisition Group)
  - c) 27<sup>th</sup> Self-Propelled Heavy Artillery Regiment *Marche*- Udine: 18 M107 SP175mm on two groups of 9 each
  - d) 1<sup>st</sup> Heavy Artillery Group *Adige* (cadre)
  - e) 9<sup>th</sup> SP Heavy Artillery Group *Rovigo* - Verona: 18 M110 SP203mm
  - f) 5<sup>th</sup> Heavy Field Artillery Group *Superga* - Udine: 18 155mm FH-70 towed howitzers
  - g) 14<sup>th</sup> Field Artillery Group *Murge* - Trieste: 18 155mm FH-70 towed howitzers
  - h) 155<sup>th</sup> Heavy Field Artillery Group *Emilia* - Udine: 18 155mm FH-70 towed howitzers
  - i) 132<sup>nd</sup> Heavy Field Artillery Group *Rovereto*: 18 155mm FH-70 towed howitzers
  - j) 33<sup>rd</sup> SP Heavy Field Artillery Group *Terni* - Treviso: 18 M110 SP203mm
  - k) 5<sup>th</sup> *Medea*, 6<sup>th</sup> *Montello*, 7<sup>th</sup> *Casarsa*, 41<sup>st</sup> *Cordenons* Artillery Specialist Groups
  - l) 108<sup>th</sup> Heavy Artillery Group *Cosseria* - Casarsa della Delizia: 18 155mm FH-70 towed howitzers
  - m) 184<sup>th</sup> Heavy Artillery Group *Filottrano* - Padova: 18 155mm FH-70 towed howitzers
- 20) 2 Signal battalions
- 21) 33<sup>rd</sup> EW Battalion *Falzarego* - Conegliano

5. I Territorial Command (North West Military Region) - Torino

- a. 23<sup>rd</sup> Infantry Battalion BAR *Como* - Como
- b. 41<sup>st</sup> Signal Battalion *Frejus* - Torino

6. V Territorial Command (North East Military Region) - Padova

- a. 32<sup>nd</sup> Signal Battalion *Valles* - Padova
- b. 42<sup>nd</sup> Signal Battalion *Pordoi*- Padova
- c. 23<sup>rd</sup> Signal Coy - Castelnuovo Garda

7. VII Territorial Command (Tosco-Emilian Military Region) - Firenze

a. *Folgore* Parachute Brigade - Livorno:

- 1) 1<sup>st</sup> Carabinieri Parachute Battalion *Tuscanica* - Livorno: 13 VCC-1
- 2) 2<sup>nd</sup> Parachute Infantry Battalion *Tarquini* - Livorno: HQ Coy, 3 Para Coy, 1 Mech Para Coy, 1 Mrt Coy: 13 VCC-1, 8 81mm mrt
- 3) 3<sup>rd</sup> Parachute Infantry Battalion BAR *Poggio Rusco* - Pisa: HQ Coy, 3 Para Coy, 1 Mech Para Coy, 1 Mrt Coy: 13 VCC-1, 8 81mm mrt
- 4) 5<sup>th</sup> Parachute Infantry Battalion *El Alamein* - Siena: HQ Coy, 3 Para Coy, 1 Mech Para Coy, 1 Mrt Coy: 13 VCC-1, 8 81mm mrt
- 5) 9<sup>th</sup> Commando Battalion *Col Moschin* - Livorno:
- 6) 185<sup>th</sup> Parachute Field Artillery Group *Viterbo* - Livorno: HQ Bty, 3 Howitzer Bty 18 105/14 M56 towed howitzers and 18 120mm mortars, 1 SAM Bty 18 Stinger
- 7) *Folgore* Parachute Pioneer Coy - Lucca
- 8) *Folgore* Logistic Battalion - Pisa
- 9) 26<sup>th</sup> ALE Squadron Group *Giove* - Pisa S.Giusto: 6 AB205, 6 AB206

b. *Friuli* Motorized Infantry Brigade - Firenze: 4 M577

- 1) 78<sup>th</sup> Motorized Infantry Battalion *Lupi di Toscana* - Scandicci: 6 120mm mortars, 18 Milan
- 2) 87<sup>th</sup> Motorized Infantry Battalion *Senio* - Pistoia: 6 120mm mortars, 18 Milan
- 3) 225<sup>th</sup> Infantry Battalion BAR *Arezzo* - Arezzo
- 4) 19<sup>th</sup> Armored Battalion *MO Tumiate* - Firenze: 26 Leopard 1A2, 16 M113, 3 M1064, 18 AR-59 M40A1/106 rcl, 1 Leopard BgPz 2
- 5) 35<sup>th</sup> Artillery Group *Riolo* - Pistoia:
- 6) *Friuli* Anti Tank Coy - Scandicci: 12 AR-76 TOW
- 7) *Friuli* Pioneer Coy - Firenze
- 8) *Friuli* Logistical Battalion - Coverciano

c. 27<sup>th</sup> ALE Squadron Group *Mercurio* - Firenze Peretola: SM-1019

d. *Number unknown* Heavy Field Artillery Regiment *Modena* on two groups

e. 84<sup>th</sup> Infantry Battalion BAR *Venezia* - Falconara Marittima

f. 43<sup>rd</sup> Signal Battalion *Abetone* - Firenze

8. VIII Territorial Command (Central Military Region) - Roma

a. *Granatieri di Sardegna* Mech Infantry Brigade - Roma: 4 M577

- 1) 1<sup>st</sup> Grenadiers (Mech) Battalion *Assietta* - Roma: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 2) 2<sup>nd</sup> Grenadiers (Mech) Battalion *Cengio* - Roma: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 3) 3<sup>rd</sup> Grenadiers Battalion BAR *Guardie* - Orvieto:
- 4) 1<sup>st</sup> Bersaglieri Battalion *La Marmora* - Civitavecchia: 40 VCC1, 9 M1064, 8 M113, 18 Milan
- 5) 6<sup>th</sup> Tank Battalion *MO Scapuzzi*: 49 Leopard I, 8 M113, 1 Leopard BgPz 2
- 6) 13<sup>th</sup> Artillery Group *Magliana* - Civitavecchia:
- 7) 32<sup>nd</sup> Anti Tank Coy - Civitavecchia:
- 8) *Granatieri di Sardegna* Pioneer Coy - Civitavecchia
- 9) *Granatieri di Sardegna* Logistical Battalion - Civitavecchia

b. *Acqui* Motorized Infantry Brigade - L'Aquila: 4 M577

- 1) 17<sup>th</sup> Motorized Infantry Battalion BAR *S. Martino* - Sulmona:
- 2) 57<sup>th</sup> Motorized Infantry Battalion *Abruzzi* - Sora: 6 120mm mortars, 18 Milan
- 3) 130<sup>th</sup> Motorized Infantry Battalion *Perugia* - Spoleto: 6 120mm mortars, 18 Milan
- 4) 9<sup>th</sup> Armored Battalion *Butera* - L'Aquila: 26 Leopard 1A2, 16 M113, 3 M1064, 18 AR-59 M40A1/106 rcl, 1 Leopard BgPz 2
- 5) 48<sup>th</sup> Artillery Group *Taro* - L'Aquila: 18 M114 155/23 towed howitzers
- 6) *Acqui* Anti Tank Coy - L'Aquila: 12 AR-76 TOW
- 7) *Acqui* Pioneer Coy - L'Aquila
- 8) *Acqui* Logistical Battalion - L'Aquila

c. 28<sup>th</sup> ALE Squadron Group *Tucano* - Roma:

- d. 80<sup>th</sup> Infantry Battalion BAR *Roma* - Cassino
  - e. 8<sup>th</sup> Armored Squadron Group *Lancieri di Montebello* - Roma: 26 Leopard 1A2, 16 M113, 3 M1064, 18 AR-59 M40A1/106 rcl, 1 Leopard BgPz 2
  - f. Artillery School
    - 1) 1st Field Artillery Group *Cacciatori delle Alpi* - Bracciano
  - g. 6th Pioneer Battalion *Trasimeno* - Roma
  - h. 11<sup>th</sup> Signal Battalion *Leonessa* - Civitavecchia
  - i. 44<sup>th</sup> Signal Battalion *Penne* - Roma
9. X Territorial Command (Southern Military Region) - Napoli
- a. *Pinerolo* Mech Infantry Brigade - Bari: 4 M577
    - 1) 9<sup>th</sup> Mech Infantry Battalion *Bari* - Trani: 40 VCC1, 9 M1064, 8 M113, 18 Milan
    - 2) 13<sup>th</sup> Mech Infantry Battalion *Valbella* - Avellino: 40 VCC1, 9 M1064, 8 M113, 18 Milan
    - 3) 67<sup>th</sup> Bersaglieri Battalion *Fagarè* - Persano: 40 VCC1, 9 M1064, 8 M113, 18 Milan
    - 4) 231<sup>st</sup> Infantry Battalion BAR *Avellino*
    - 5) 60<sup>th</sup> Tank Battalion *MO Locatelli* - Altamura: 49 Leopard 1, 8 M113, 1 Leopard BgPz 2
    - 6) 11<sup>th</sup> Artillery Group *Teramo* - Persano: 18 M114 155/23 towed howitzers
    - 7) *Pinerolo* Anti Tank Coy - Bari
    - 8) *Pinerolo* Pioneer Coy - Trani
    - 9) *Pinerolo* Logistical Battalion - Bari
  - b. 20<sup>th</sup> ALE Squadron Group *Andromeda* - Pontecagnano
  - c. 47<sup>th</sup> Infantry Battalion BAR *Salento* - Barletta
  - d. 89<sup>th</sup> Infantry Battalion BAR *Salerno* - Salerno
  - e. 91<sup>st</sup> Infantry Battalion BAR *Lucania* - Potenza
  - f. 244<sup>th</sup> Infantry Battalion BAR *Cosenza* - Cosenza
  - g. 9th Heavy Field Artillery Regiment - Foggia
    - 1) 1<sup>st</sup> group/9 - Foggia
    - 2) 2<sup>nd</sup> Group/9 - Barletta
    - 3) 3<sup>rd</sup> Group/9 - Bari
    - 4) 10<sup>th</sup> Specialists Bty - Foggia
  - h. 21st Pioneer Battalion *Timavo* - Caserta
  - i. 45th Signal Battalion *Vulture* - Napoli
10. XI Territorial Command (Sicily Military Region) - Palermo
- a. *Aosta* Motorized Infantry Brigade - Messina: 4 M577
    - 1) 5<sup>th</sup> Motorized Infantry Battalion *Col della Beretta* - Messina: 6 120mm mortars, 18 Milan
    - 2) 62<sup>nd</sup> Motorized Infantry Battalion *Sicilia* - Catania: 6 120mm mortars, 18 Milan
    - 3) 141<sup>st</sup> Motorized Infantry Battalion *Catanzaro* - Palermo: 6 120mm mortars, 18 Milan
    - 4) 62<sup>nd</sup> Armored Battalion *MO Iero* - Catania: 32 M47, 16 M113, 3 M1064, 18 Milan
    - 5) 24<sup>th</sup> Field Artillery Group *Peloritani* - Messina:
    - 6) *Aosta* anti-tank Coy - Messina: 12 AR-76 TOW
    - 7) *Aosta* Pioneer Coy - Siracusa
    - 8) *Aosta Logistical Battalion* - Messina
  - c. 30<sup>th</sup> ALE Squadron Group *Pegaso* - Catania Fontanarossa
  - d. 60<sup>th</sup> Infantry Battalion BAR *Col di Lana* - Trapani
  - e. 51st Pioneer Battalion *Simeto* - Palermo
  - f. 46th Signal Battalion *Mongibello*
11. Sardinia Independent Territorial Command (Sardinia Military Region) – Cagliari
- a. *Sassari* Motorized Infantry Brigade – Sassari, Sardinia:
    - 1) 151<sup>st</sup> Motorized Infantry Battalion *Sette Comuni* - Cagliari: 6 120mm mortars, 18 Milan
    - 2) 152<sup>nd</sup> Motorized Infantry Battalion *Sassari* - Sassari: 6 120mm mortars, 18 Milan
    - 3) 1<sup>st</sup> Armoured Regiment (training unit) - Capo Teulada:

- a) 1<sup>st</sup> Battalion (cadre):
- b) 2<sup>nd</sup> Battalion (cadre):
- 4)5<sup>th</sup> Pioneer Regiment:

- b. 21<sup>st</sup> ALE Squadron Group *Orsa Maggiore* - Cagliari Elmas
- c. 45th Infantry Battalion BAR *Arborea* - Macomer
- d. 47th Signal Coy - Cagliari

12. Carabinieri: 100,000+ Military Police force organized into:
  - a. 3 Divisions, 9 Brigades and 24 Legions with MP and rear area security duties;
  - b. 1 Brigade of school/training units;
  - c. 1 Brigade of 13 Mobile Battalions (two of which 7<sup>th</sup> and 13<sup>th</sup> Armored Bns listed above), with M47 tanks and M113 APC, plus *Tuscania* Carabinieri Parachute Bn in Folgore Bde.
  - d. 11 Helicopter detachments
  - e. Major equipment holdings include: Fiat 6616 AC, 470 Fiat 242/18AD, 240 M113 APC, 23 AB-47, 2 A-109, 5 AB-205, 23 AB-206
13. Police Forces
  - a. Polizia di Stato: 70,000, 11 mobile units, 40 Fiat 6614, 3 P-64, 5 P-68 AC, 1 AB-47, 12 A-109, 20 AB-206, 9 AB-212.
  - b. Guardia di Finanza: 50,000, helicopters, patrol boats. Controls the following helicopters: 10 A-109, 68 Nardi-Hughes (40 NH-500C, 16 -D, 12 -M)
  - c. Guardia Forestali
  - d. Vigili del Fuoco
  - e. Corpo Agenti di Custodia
14. San Marco Marine Battalion Group - assigned to the AMF: 30 VCC-1, 24 LVTP-7, 8 106mm RCL, 6 Milan; the Navy's marine infantry.

#### **Note 1: Abbreviations**

ALE: Aviazione Leggera dell'Esercito (Army Light Air Force)

ETM: Elicotteri da Trasporto Medi (Medium Transport Helicopters)

BAR: Battaglione Addestramento Reclute (recruits training battalion).

Battaglioni Fanteria d'Arresto are static units committed to halt or slow down enemy advances, they rely on previously built fortifications, bunkers and strongpoints which are not listed.

Leopard 1 ARV is properly called Bergeleopard.

#### **Note 2: Headquarters Units**

First major change is the suppression of divisional level in October 1986. The problem is the fate of divisional units: most were probably disbanded or absorbed into remaining ones, but which? I set them temporarily as Army Corps units, but doubt remains. So far I could settle only ex-divisional artilleries of 5<sup>th</sup> Corps and little else, it's start.

1st Army: I found no reference about it, it was probably disbanded in 1975 reorganization, or in 1986. I think that Army Corps referred directly to LANDSOUTH.

#### **Note 3: Tank Units**

Tank Battalions were tank-only units, while Armoured Battalions were combined arms units with 2 Tk Coys and 1 mech Inf Coy and Mortar Coy; equipment was usually the oldest available at this time.

M60A1 belonged to 5 tank battalions of the former Ariete division, i.e. Ariete, Mameli, Garibaldi Brigades. All other have Leopard 1. In 1989, the M-47 was being taken out of service: only units sure still had it by the end of the year was Aosta's 62<sup>nd</sup> Armoured Bn, and the two Carabinieri armoured Bns. The OOB depicts the end-of-the-year situation.

Around this same time, a reduction from 5 to 4 tanks in each platoon was being planned. Under this organization, battalions would then decrease from 49 to 40 tanks. When this reorganization took place really I couldn't find, a source I have of 1991 says it still have to take place. Only for Acqui's 9<sup>th</sup> ArmBn I have a figure of 26 (2 coy with 4 tank-platoons) in Dec 1989. Taking this as worth for others ArmBns too and leaving the TkBns at 49 there is enough to fill them all and leave some for training/storage. These are the figures:

920 Leopard 1, 300 M60A1, 200+ M47;

5 TkBn with 49 M60 each: 245

15 TkBn with 49 Leo1 each: 735



4 ArmBn with 26 Leo1 each: 130  
3 ArmBn with 32 M47 each (they kept the 5-tanks platoons): 96, with as many as 400 in storage or assigned to reserve units.

55 Leo1 left for Cavalry Recon Squadron and for training units and storage: this quite tight... Number and composition of CRS in 1989 is still unknown to me: the 14 above is speculative. I know that one of these (15<sup>th</sup> Squadron Group) in 1985-6 was trying a small number of armoured cars FIAT 6614-6616 before being converted to full tanks, but again I don't know how many of these A/C were later introduced.

Always about Cavalry, Vittorio Veneto Armoured Bde in 1986 was changed in Mechanized Infantry Bde and two of its Cavalry (tank) Squadron Groups were changed in mechanized infantry, whether the 6<sup>th</sup> or 9<sup>th</sup> I don't know: so I took my 50% chance that it was the 9<sup>th</sup>! Not very professional I know, but sometimes frustration hit my nerves...

#### **Note 4: Infantry**

BAR are "Recruit Training Battalions": in them new soldiers were trained to march for oath ceremony and barely learned to handle a rifle without killing themselves. It's very unlikely that they were equipped with APC and ATGM. Their attribution to superior commands maybe questionable. In case of war they would be given territorial defence tasks.

Fanteria d'arresto (Defence Battalion) were static units whose purpose was to halt or slow down enemy advance fighting from various fortifications and strongpoints which aren't listed

VCC-1 and VCC-2: 800 and 1500 each built, but which unit had what (or the basic M-113) remains in most cases unknown to me. Some French AMX-VCI were likely available.

I'm not certain about Milan's number in each Bn, but 18 is a good guess (1330 launchers).

TOW were mounted on VCC-1/2, M113 and AR-76 4WD jeeps: the former in Tank and Mechanized brigades, with some possible exceptions, and the latter in Folgore, Alpini and Motorized brigades.

#### **Note 5: Artillery**

Artillery Groups are organized on 3 batteries of 6 pieces each. Available at this time:

220 M109G SP155mm: enough for 12 Groups. Only 7 identified, I allocated remaining ones to 3rd and 28th Groups and Horse Artillery Regiment.

36 M107 SP175mm: 27th Art Reg I wouldn't bet my life on it, but it's reasonably sure.

36 M110 SP203mm: 2 unidentified Groups, which are possibly 9th and 33rd SP Heavy FA Group from the former Missile Brigade.

164-168 FH-70 T155mm: Enough for 9 Groups. Two identified, the other four of 5th Corps' Artillery Bde are very likely to have this recent material, as well as two remaining groups of 3rd Corps and one of 4th Corps.

423 M114 Towed 155/23: Enough for many Groups. Only eight identified, others most likely to have them are 7th and Legnano's 11th FA Groups (btw there are two 11th FAG, one in Legnano and one in Pinerolo Bdes, and it's like that in all the sources I have.) It is also likely that these equip reserve units.

36 (?) M115 T203mm: Older equipment, 2 Groups: you attributed them to 4th Heavy Art Reg in IV Alpine Corps, having no better knowledge I just left it like that.

42 (?) M.59 T155mm: Older equipment, 2 Groups: one could be the 52nd: its former regiment had these.

320-360 M.56 105/24: too much of this one! Enough for 17 (!) groups: 1 group for each Alpini Bde (not always identified) and Folgore Parà Bde makes 6, I have no idea where the others were used.

Also some obsolete pieces on storage: 36 M55 SP203mm, 108 M44 SP155mm.

Equipment of 1<sup>st</sup> (School), 13<sup>th</sup>, 24<sup>th</sup>, 35<sup>th</sup> Groups and 9<sup>th</sup> and *Modena* Regiments remains uncertain.

#### **Note 6: Engineers**

5<sup>th</sup> Corps had 4 Eng Bn, but which ones among those listed I don't know.

#### **Note 7: Helicopters**

The Italian Army maintained significant helicopter holdings. In 1989, IISS lists the Army (not including the various police forces or the navy) as having: 22 A-47G/J (Bell model 47s), 21 A-109, 92 AB-205A (UH-1D/H), 126 AB-206 (OH-58/Bell 206), 14 AB-212 (UH-1N), 11 AB-412 (UH-1), 39 CH-47C. However, I believe the figures for AB-205s and 206s are low; other sources (such as Scramble) list significantly more.

**Note 8: Rapid Intervention Force (Forza di Intervento Rapido)** –FIR was formed in 1986 to respond to regional crises. While it was not organized in peacetime, it was expected to control the Folgore Airborne Brigade, the Friuli Motorized Brigade, the San Marco Marines, a helicopter squadron and possibly the Lagunari.

#### **Note 9: Reserve Forces**

IISS lists the army as having a reserve pool of 520,000, including 240,000 assigned to mobilization units. IISS says the Italian army would form 1 Mech, 1 Alipini and 1 Armoured Brigade from school units immediately upon war alert. 1 Infantry and 1 Armoured brigade, plus 3 Infantry and 7 artillery battalions would also be activated from reservists upon mobilization.

## **ITALIAN AIR FORCE**

There are still a number of outstanding questions about this organization. Any additional information would be greatly appreciated.

1. 2<sup>nd</sup> Stormo (Wing) - Treviso, Italy:
  - a. No. 14 Fighter/Bomber Gruppo (Squadron): 18 G91
2. 3<sup>rd</sup> Stormo - Verona, Italy:
  - a. No. 28 Recon/Fighter Gruppo: 15 RF-104G
  - b. No. 132 Recon/Fighter Gruppo: 15 RF-104G
3. 4<sup>th</sup> Stormo - Grosseto, Italy:
  - a. No. 9 Strike/Interceptor Gruppo: 18 F-104S
  - b. No. 20 Strike/Interceptor Gruppo: 18 F-104S
4. 5<sup>th</sup> Stormo - Rimini, Italy:
  - a. No. 23 Strike/Interceptor Gruppo: 18 F-104S
  - b. No. 102 Strike/Interceptor Gruppo: 18 F-104S
5. 6<sup>th</sup> Stormo - Brescia, Italy:
  - a. No. 154 Fighter/Bomber Gruppo: 24 Tornado
  - b. No. 155 Fighter/Bomber Gruppo: 24 Tornado
6. 8<sup>th</sup> Stormo - Forli, Italy:
  - a. No. 101 Fighter/Bomber Gruppo: 18 G91
7. 9<sup>th</sup> Stormo - Grazzanise, Italy:
  - a. No. 10 Strike/Interceptor Gruppo: 18 F-104S
8. 32<sup>nd</sup> Stormo - Brindisi, Italy:
  - a. No. 13 Fighter/Bomber Gruppo: 18 G91
9. 36<sup>th</sup> Stormo - Gioia del Colle, Italy:
  - a. No. 12 Strike/Interceptor Gruppo: 18 F-104S
  - b. No. 156 Fighter/Bomber Gruppo: 24 Tornado  
  - a. No. 22 Strike/Interceptor Gruppo: 18 F-104S
  - b. No. 103 Fighter/Bomber Gruppo: 18 G91
12. 53<sup>rd</sup> Stormo - Novara, Italy:
10. 37<sup>th</sup> Stormo - Trapani, Italy:
  - a. No. 18 Strike/Interceptor Gruppo: 18 F-104S
11. 51<sup>st</sup> Stormo - Treviso, Italy:
  - a. No. 21 Strike/Interceptor Gruppo: 18 F-104S

13. 61<sup>st</sup> Stormo (Training)

- a. No. 212 Gruppo: MB-339A
- b. No. 213 Gruppo: MB-339A
- c. No. 214 Gruppo: MB-339A

13. 8 Air Defense Groups: 12 Nike-Hercules each

14. 5 SAM groups: Spada (ground-mounted version of Aspide (AIM-7))

15. Training Establishment:

- a. 20<sup>th</sup> Training Gruppo (OCU): 24 TF-104G
- c. 201<sup>st</sup>, 204<sup>th</sup>, 205<sup>th</sup> Training Gruppos: 45 G-91T total

**Note 1:** 2 of the G-91 squadrons have G-91Y in light attack role, 2 have G-91R in light attack/recce role

**Note 2:** Aircraft holdings: Most of the F-104S were upgraded to F-104ASA by 1989, giving them the ability to fire later Sparrows (Aspide is Italian version) and Sidewinders. A total of 206 F-104S were built for the Italian Air Force, with production ending in 1979. Information is from John Baugher's Encyclopedia of US Military Aircraft, which confirms the above squadron assignments.

IDS – 85 standard and 15 IDS-T training versions. In addition to the above squadrons, 10 were stationed at the NATO tri-national training facility at Cottesmore, UK. 2 were lost to accidents in 1984 and one in June 1989. Information from Tornado-data.com.

**Note 4:** Training unit aircraft are provisional, except for 20<sup>th</sup> Gruppo, based on older known types assigned to the squadrons and known aircraft holdings. In addition, the Italian Air Force held as many as 120 MB-326s (including 12 MB-326E electronic warfare aircraft) in inventory. It is also possible that as many as 20 more MB-339A were in inventory.

**Note 5:** IISS '90-'91, which includes updated information (but I don't think actual changes) to its Italian OOB, lists an additional ground attack squadron equipped with MB-339.

## **GRAND DUCHY OF LUXEMBOURG**

### **ROYAL LUXEMBOURG ARMY**

1. 1<sup>st</sup> Infantry Battalion (Light) - assigned to the Allied Mobile Force: 6 TOW jeeps

### **ROYAL LUXEMBOURG AIR FORCE**

1. 18 E-3A SENTRY AWACS - Geilenkirchen, FRG (US and Lux registration)

## **KINGDOM OF THE NETHERLANDS**

### **KONINKLIJKE LANDMACHT** (ROYAL DUTCH ARMY)

Numerous changes courtesy of Jo van der Plum via RETAC21. In addition, special thanks to Tank-Net.org's 11e, whose work with the RNL Army historical section made a real difference in this list.

**Note:** The Dutch Army has one of the most unique and effective reserve systems in the world. It can fully mobilize its armed forces within 48 hours. Due to peacetime positioning, lead combat forces could deploy to their GDP positions within 2 days but follow on forces would take up to 7 days. The Netherlands maintained 30 days of war stocks.

#### 1. 1<sup>st</sup> Netherlands Corps-Apeldoorn, NL: assigned to NORTHAG

##### a. 1<sup>st</sup> Infantry Division (Mech) - Schaarsbergen, NL:

- 1) 11<sup>th</sup> Mech Infantry Brigade - Schaarsbergen, NL:
  - a) 101<sup>st</sup> Armored Battalion: 61 Leopard 1V, 12 YPR-765
  - b) 12<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - c) 48<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 11<sup>th</sup> Artillery Battalion: 20 M109A3
  - e) 11<sup>th</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 2) 12<sup>th</sup> Mech Infantry Brigade - Nunspeet, NL:
  - a) 59<sup>th</sup> Armored Battalion: 61 Leopard 1V, 12 YPR-765
  - b) 11<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - c) 13<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 14<sup>th</sup> Artillery Battalion: 20 M109A3
  - e) 12<sup>th</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 3) 13<sup>th</sup> Armored Brigade - Oirschot, NL:
  - a) 11<sup>th</sup> Armored Battalion: 61 Leopard 1V, 12 YPR-765
  - b) 17<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - c) 13<sup>th</sup> Artillery Battalion: 20 M109A3
  - d) 13<sup>th</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 4) 102<sup>nd</sup> Reconnaissance Battalion - Hoogland, NL: 18 Leopard 1V, 48 M113 C&R, and 16 Dragon
- 5) 25<sup>th</sup> Air Defense Battalion: 27 PRTL twin 35mm SP, 27 Stinger

##### b. 4<sup>th</sup> Infantry Division (Mech) - Harderwijk, NL:

- 1) 41<sup>st</sup> Armored Brigade - Zeven, FRG:
  - a) 41<sup>st</sup> Armored Battalion: 52 Leopard 2A4, 12 YPR-765
  - b) 43<sup>rd</sup> Armored Battalion: 52 Leopard 2A4, 12 YPR-765
  - c) 42<sup>nd</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 41<sup>st</sup> Artillery Battalion: 20 M109A3
  - e) 41<sup>st</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 2) 42<sup>nd</sup> Mech Infantry Brigade - Assen, NL:
  - a) 57<sup>th</sup> Armored Battalion: 61 Leopard 2A4, 12 YPR-765
  - b) 44<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - c) 45<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 55<sup>th</sup> Artillery Battalion: 20 M109A3
  - e) 42<sup>nd</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 3) 43<sup>rd</sup> Mech Infantry Brigade - Steenwijk, NL:
  - a) 42<sup>nd</sup> Armored Battalion: 61 Leopard 2A4, 12 YPR-765
  - b) 41<sup>st</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - c) 47<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 43<sup>rd</sup> Artillery Battalion: 20 M109A3
  - e) 43<sup>rd</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 4) 103<sup>rd</sup> Reconnaissance Battalion - Zeven, FRG: 18 Leopard 2A4, 48 M113 C&R, and 16 Dragon
- 5) 15<sup>th</sup> Air Defense Battalion: 27 PRTL twin 35mm SP, 27 Stinger

c. 5<sup>th</sup> Infantry Division (Mech) - Apeldoorn, NL: Reserve Formation

- 1) 51<sup>st</sup> Armored Brigade - Harderwijk, NL:
  - a) 12<sup>th</sup> Armored Battalion: 52 Leopard 1V, 12 YPR-765
  - b) 54<sup>th</sup> Armored Battalion: 52 Leopard 1V, 12 YPR-765
  - c) 16<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 34<sup>th</sup> Artillery Battalion: 20 M109A2
  - e) 51<sup>st</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 2) 52<sup>nd</sup> Mech Infantry Brigade - Arnhem, NL:
  - a) 52<sup>nd</sup> Armored Battalion: 61 Leopard 1V, 4 YPR-765
  - b) 15<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - c) 43<sup>rd</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 52<sup>nd</sup> Artillery Battalion: 20 M109A2
  - e) 52<sup>nd</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 3) 53<sup>rd</sup> Mech Infantry Brigade - Garderen, NL:
  - a) 58<sup>th</sup> Armored Battalion: 59 Leopard 2A4, 4 YPR-765
  - b) 14<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - c) 46<sup>th</sup> Mech Infantry Battalion: 70 YPR-765, 9 120mm mortar, 16 YPR-765/PRAT, 27 Dragon ATGM
  - d) 13<sup>th</sup> Artillery Battalion: 20 M109A2
  - e) 53<sup>rd</sup> Engineer Company: 2 Engineering tanks, 2 bridging tanks, 13 M113
- 4) 104<sup>th</sup> Reconnaissance Battalion - Apeldoorn, NL: 20 Leopard 1V, 48 M113 C&R, and 16 Dragon
- 5) 35<sup>th</sup> Air Defense Battalion: 27 PRTL twin 35mm SP SP, 27 Stinger

d. 1st NL Corps assets:

- 1) 104<sup>th</sup> Commando Company - Apeldoorn, NL: 27 LRRP teams
- 2) 105<sup>th</sup> Reconnaissance Battalion: 18 Leopard 1V, 48 M113 C&R, and 16 Dragon
- 3) 101<sup>st</sup> Infantry Brigade - Den Dungen, NL:
  - b) 102<sup>nd</sup> Mech Infantry Battalion: 70 YPR-765/HMG, 9 120mm mortar, 27 Dragon ATGM
  - c) 132<sup>nd</sup> Mech Infantry Battalion: 70 YPR-765/HMG, 9 120mm mortar, 27 Dragon ATGM
  - d) 142<sup>nd</sup> Motorized Infantry Battalion: 6 120mm mortar, 27 Dragon ATGM
  - d) 143<sup>rd</sup> Motorized Infantry Battalion: 6 120mm mortar, 27 Dragon ATGM
  - e) 54<sup>th</sup> Artillery Battalion: 20 M109A2
- 4) 101<sup>st</sup> Artillery Group - Harderwijk, NL:
  - a) 109<sup>th</sup> Artillery Battalion: MLRS (11?)
  - b) 119<sup>th</sup> Artillery Battalion: MLRS (11)
  - b) 129<sup>th</sup> Artillery Battalion: 6 Lance SSM
- 5) 102<sup>nd</sup> Artillery Group - Harderwijk, NL:
  - a) 19<sup>th</sup> Artillery Battalion: 16 M110A2
  - b) 44<sup>th</sup> Artillery Battalion: 20 M109A2
  - c) 107<sup>th</sup> Artillery Battalion: 16 M110A2
  - d) 117<sup>th</sup> Artillery Battalion: 16 M110A2
- 6) 103<sup>rd</sup> Artillery Group - Rhenen, NL:
  - a) 108<sup>th</sup> Artillery Battalion: 16 M110A2
  - b) 118<sup>th</sup> Artillery Battalion: 16 M110A2
  - c) 134<sup>th</sup> Artillery Battalion: 24 155mm M114/39 towed howitzers
  - d) 144<sup>th</sup> Artillery Battalion: 24 155mm M114/39 towed howitzers
  - e) 154<sup>th</sup> Artillery Battalion: 24 155mm M114/39 towed howitzers
- 7) 104<sup>th</sup> Artillery Group - Apeldoorn, NL:
  - a) 124<sup>th</sup> Artillery Battalion: 16 M110A2
  - b) 134<sup>th</sup> Artillery Battalion: 16 M110A2
  - c) 144<sup>th</sup> Artillery Battalion: 24 155mm M114/39 towed howitzers
  - d) 244<sup>th</sup> Artillery Battalion: 24 155mm M114/39 towed howitzers
- 8) 101<sup>st</sup> Anti-Aircraft Group - Wezep, NL:
  - a) 45<sup>th</sup> Air Defense Battalion: 27 40mm AA Guns, 24 Stinger
  - a) 115<sup>th</sup> Air Defense Battalion: 27 40mm AA Guns, 24 Stinger
  - a) 125<sup>th</sup> Air Defense Battalion: 27 40mm AA Guns, 24 Stinger
- 9) 101<sup>st</sup> Engineer Group - Apeldoorn, NL:
  - a) 11<sup>th</sup> Engineer Battalion:

- b) 41<sup>st</sup> Engineer Battalion:
- c) 102<sup>nd</sup> Engineer Battalion:
- d) 103<sup>rd</sup> Engineer Battalion:
- e) 223<sup>rd</sup> Engineer Battalion:
- f) 462<sup>nd</sup> Engineer Battalion:
- g) 104<sup>th</sup> Bridge Company:
- h) 101<sup>st</sup> NBC Company:
- 10) 201<sup>st</sup> Engineer Group
  - a) 107<sup>th</sup> Engineer Battalion
  - b) 105<sup>th</sup> Bridge Company:
  - c) 155<sup>th</sup> Bridge Company:
- 11) 101<sup>st</sup> Military Police Battalion:
- 12) No. 298 Squadron - Soesterberg, NL: 30+ Alouette III
- 13) No. 299 Squadron - Deelen, NL: 29 BO-105CB, 1 BO-105CD
- 14) No. 300 Squadron - Deelen, NL: 30+ Alouette III
- 16) No. 302 Squadron - : (Cadre)

Note 1: PRTL Twin 35mm SP is Dutch version of West German Gepard with different radar system.

Note 2: YPR-765 variants in a Mech battalion:

Note 3: As of 1987, according the RNL Army Historical section, tank platoon strength in tank battalions in Mech brigades went from 3 to 4.

Note 4: The two Alouette III squadrons had 77 aircraft between them

Note 5: There was an additional armored battalion, location unknown, but existence confirmed:

- a) 56<sup>th</sup> Armored Battalion: 59 Leopard 2A4, 4 YPR-765

## **NETHERLANDS TERRITORIAL ARMY**

1. 302<sup>nd</sup> Infantry Brigade - Gouda, NL: assigned to rear area security
  - a. 311<sup>th</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - b. 313<sup>th</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - c. 314<sup>th</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - d. 315<sup>th</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - g. 303<sup>rd</sup> Artillery Battalion: 24 155mm towed howitzers
2. 304<sup>th</sup> Infantry Brigade - Breda, NL: assigned to rear area security
  - a. 319<sup>th</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - b. 321<sup>st</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - c. 322<sup>nd</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - d. 325<sup>th</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
  - g. 304<sup>th</sup> Artillery Battalion: 24 155mm towed howitzers
3. 319<sup>th</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
4. 321<sup>st</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
5. 322<sup>nd</sup> Infantry Battalion: 9 81mm mortars, 27 Carl Gustav
6. 305<sup>th</sup> Commando Battalion:
7. 460th Engineer Group:
  - a. 221st Engineer Battalion
  - b. 481st Engineer Battalion
  - c. 462nd Engineer Battalion

## **ROYAL NETHERLANDS AIR FORCE**

1. No. 306 Reconnaissance Squadron - Volkel, NL: 18 F-16A (Recon mission w/Orpheus recon pods)
2. No. 311 Fighter/Bomber Squadron - Volkel, NL: 18 F-16A (Trained in nuclear weapons delivery)
3. No. 312 Fighter/Bomber Squadron - Volkel, NL: 18 F-16A
4. No. 313 Fighter/Bomber Squadron - Twenthe, NL: 18 F-16A



5. No. 314 Fighter/Bomber Squadron - Gilze-Rijen, NL: 18 NF-5A
6. No. 315 Fighter/Bomber Squadron - Twenthe, NL: 18 F-16A
7. No. 316 Fighter/Bomber Squadron - Eindhoven, NL: 18 NF-5A
8. No. 322 Fighter/Bomber Squadron - Leeuwarden, NL: 18 F-16A
9. No. 323 Fighter/Bomber Squadron - Leeuwarden, NL: 18 F-16A
10. 148<sup>th</sup> TFTS (AZ National Guard) – Tucson, AZ: 10 F-16 (training unit)
10. Air Defense Squadrons – deployed to defend airbases:
  - a. No. 119 Squadron – Leeuwarden, NL: 3 I-Hawk Launchers, 9 40L70 AA Guns, 3 Flycatcher radar
  - b. No. 221 Squadron – Soesterberg, NL: 3 I-Hawk Launchers, 9 40L70 AA Guns, 3 Flycatcher radar
  - c. No. 222 Squadron – Twenthe, NL: 3 I-Hawk Launchers, 9 40L70 AA Guns, 3 Flycatcher radar
  - d. No. ? Squadron – Volkel, NL: 3 I-Hawk Launchers, 9 40L70 AA Guns, 3 Flycatcher radar
  - e. No. ? Squadron – De Peel, NL: 3 I-Hawk Launchers, 9 40L70 AA Guns, 3 Flycatcher radar
  - f. No. ? Squadron – Nieuw Milligen CRC, NL: 9 40L70 AA Guns, 3 Flycatcher radar
  - g. No. 121 Squadron – Glize-Rijen, NL: 3 I-Hawk Launchers, 9 40L70 AA Guns, 3 Flycatcher radar
11. 3<sup>rd</sup> Guided Weapons Group (Groep Geleide Wapens) - Deployed to the FRG:
  - a. No. 326 Squadron: 6 I-Hawk Launchers
  - b. No. 328 Squadron: 6 I-Hawk Launchers
  - c. No. 500 Squadron: 6 I-Hawk Launchers
  - d. No. 502 Squadron: 6 I-Hawk Launchers
12. 5<sup>th</sup> Guided Weapons Group (Groep Geleide Wapens) – Deployed to the FRG:
  - a. No. 324 Squadron: 6 I-Hawk Launchers
  - b. No. 327 Squadron: 6 I-Hawk Launchers
  - c. No. 501 Squadron: 6 I-Hawk Launchers
  - d. No. 503 Squadron: 6 I-Hawk Launchers

Note 1: The Dutch Air Force took delivery of 177 F-16As and 36 F-16Bs, the last being delivered in February 1990.

Note 2: The Dutch Air Force originally took delivery of 75 NF-5As and 30 NF-5Bs in the late 1960s and early 1970s. At least 46 were still in inventory in 1989; some (15? -5Bs) were in an OCU squadron.

Note 3: The Guided Weapons Squadrons had 100 FIM-92A Stingers divided among them for point defense. Two of these guided weapons squadrons had 8 Patriot Launchers instead of HAWKS.

### **ROYAL NETHERLANDS MARINES**

1. 1<sup>st</sup> Marine Group - Doorn, NL - assigned to British 3rd Commando Brigade:
2. 2<sup>nd</sup> Marine Group - Dutch West Indies:
3. 3<sup>rd</sup> Marine Group - Mobilization
4. W Company - assigned to British 3rd Commando Brigade:

Note 1: Each Marine Group Wartime Strength –

- 1 HQ Co (Rcn Plt – Jeeps),
- 4x Rifle Co (HQ, 4 Plt, 1 Hvy Plt),
- 1 Hvy Co (HQ, Mortar, MG, AT & Eng Plt)
- 12 60mm Mortar, 6 81mm Mortar, 6 GPMG, 6 TOWII on Jeep, 40 Carl Gustav or Dragon ATGM

Royal Netherlands Navy

Sea-Based Helicopter Units

1. No. 7 Squadron: UH-14A & SH-14B/C Lynx
2. No. 860 Squadron: UH-14A & SH-14B/C Lynx

Maritime Patrol Units (Groep Maritieme Patrouillevliegtuigen)

1. No. 320 Squadron: P-3C
2. No. 321 Squadron: P-3C

## KINGDOM OF NORWAY

### ROYAL NORWEGIAN ARMY

**Note1:** Norway is divided into 5 military regions called divisions which are further sub-divided into districts called brigades. These brigades are not tied to any particular "division" in wartime. The Norwegian Army consists of only 1 full time Brigade, the Royal Guard Battalion, and a few assorted other units. It relies heavily on the mobilization of it's 165,000 reserves.

**Note 2:** It was expected that the British 3rd Royal Commando Brigade and a US Marine Corps Brigade along with the Allied Mobile Force would reinforce Norway. It was highly probable that the entire 2<sup>nd</sup> USMC Division and the US 10<sup>th</sup> Mountain Division would be deployed to Norway. It is even possible, but not likely, that the US 6<sup>th</sup> Infantry Division (Light) from Alaska could be deployed. Any of these forces could be diverted to Denmark or any other region depending on the situation.

Two competing OOB's here, haven't yet tried to reconcile them:

1. Defense Command North - Bodo, Norway:

a. 6<sup>th</sup> Division - Harstad, Norway:

- 1) Brigade North - Heggelia, Norway: full-time brigade would deploy to the Finnmark border during wartime
  - a) 1 Mech Infantry Battalion: 26 Leopard I, 32 M113, 6 M106, 6 NM142 (M113 with TOW), 27 Carl Gustav
  - b) 3 Mech Infantry Battalions: 13 Leopard I, 42 M113, 6 M106, 6 NM142, 36 Carl Gustav
  - c) 1 Artillery Battalion: 24 M109G
  - d) 1 Engineer Battalion:
  - e) 1 Anti-Aircraft Battery: 12 RBS-70 SAM
  - f) 1 Armored Recon Company: 13 M41 light tanks
  - g) 1 Military Police Platoon:
- 2) 14th Infantry Brigade (Reserve) - South Hammerfest, Norway:
- 3) 15th Infantry Brigade (Reserve) - North Hammerfest, Norway:
- 4) Porsanger Garrison: Alta Frontier Battalion, 6 105mm towed howitzers, 1 AA battery
- 5) South Varanger Garrison: Varanger Frontier Battalion

b. Trondelag Division - Trondheim, Norway:

- 1) 11th Infantry Brigade (Reserve):
- 2) 12th Infantry Brigade (Reserve):
- 3) 13th Infantry Brigade (Reserve):

2. Defense Command South - Oslo, Norway:

a. South Division - Oslo, Norway:

- 1) Royal Guards Infantry Battalion:
- 2) 7th Infantry Brigade (Reserve):
- 3) 8th Infantry Brigade (Reserve):

b. East Division - Hamar, Norway:

- 1) 1st Infantry Brigade (Reserve):
- 2) 3rd Infantry Brigade (Reserve):
- 3) 5th Infantry Brigade (Reserve):
- 4) 6th Infantry Brigade (Reserve):
- 5) Brigade South (Reserve):

c. West Division - Kristiansund, Norway:

- 1) 9th Infantry Brigade (Reserve):

2) 10th Infantry Brigade (Reserve):

Norwegian Forces OOB courtesy of Tony Engelsen

1. 1. Brigade (HQ Halden)
  - a) 3 Line Battalions from Østfold Infanteri Regiment Nr.1
2. 3. Brigade
  - a) 3 Line Battalions from Telemark Infanteri Regiment Nr.3
3. Brigaden i Sør-Norge (Brig S)
  - a) 3 Line Battalions from Jegerkorpsset-Akershus Infanteri Regiment Nr.4
4. 5. Brigade
  - a) 3 Line Battalions from Østfold Infanteri Regiment Nr.5
5. 6. Brigade
  - a) 3 Line Battalions from Vestfold Infanteri Regiment Nr.6
6. 7. Brigade (HQ Kristiansand)
  - a.) 3 Line Battalions from Agder Infanteri Regiment Nr.7
7. 8. Brigade (HQ Stavanger)
  - a.) 3 Line Battalions from Rogaland Infanteri Regiment Nr.8
8. Brigaden på Vestlandet (also known as Brig V and 4. Brigade) (HQ Bergen)
  - a.) 2 Line Battalions from Hordaland Infanteri Regiment Nr.9
  - b.) 1 Line Battalion from Fjordane Infanteri Regiment Nr.10
9. 12. Brigade
  - a.) 1 Line Battalion from Møre Infanteri Regiment Nr.11
  - b.) 2 Line Battalions from Sør-Trøndelag Infanteri Regiment Nr.12
10. 13. Brigade
  - a.) 3 Line Battalions from Nord-Trøndelag Infanteri Regiment Nr.13
11. 14. Brigade
  - a.) 3 Line Battalions from Sør-Hålogaland Infanteri Regiment Nr.14
12. 15. Brigade
  - a.) 3 Line Battalions from Troms og Nord-Hålogaland Infanteri Regiment Nr.16
13. Brigaden i Nord-Norge (Brig N)
  - a.) 3 Infantry Battalions (I-III)
  - b.) 1 Armoured Battalion (Panserbataljonen)

Each brigade consist of:

- Brigadestaff
- Staff Company
- Liaison Company
- MP Platoon
- 3 Infantry Battalions
- Recce Squadron (2 troops each with 3 squads on BV, one troop of 10 teams with MB)
- Field Artillery Battalion (3 batteries each of 6 guns, one FO platoon of three squads)
- Tank Destroyer Squadron (2 M113, 2 troops each of 4 NM-116 or M48a5, 2 troops each of 4 NM-142)
- AA Battery (4 platoons each of 6 20mm NM45 AA-guns)
- Engineer Company
- Transport Company
- Supply Company
- Technical Company
- Medical Company

An Infantry Battalion consist of:

- Staff
- Staff Company (staff, liaison, jaeger, medical, supply and
- Support Company (2 mortar platoons one each of 81mm and 107mm, pioneer platoon and anti tank platoon (4 TOWs in Line battalions and 6 106mm RCL in Local defence battalions)
- 3 Rifle Companies (each of three platoons)

A Tank Battalion consist of:

- Staff
- Staff Squadron, with:
  - Staff Platoon
  - Pioneer Platoon (7 squads with M113(?))
  - Recce Troop (4 squads with NM-135)
  - AT-Troop (4 NM-142)
  - 2 Mortar Platoons (each of 4 M106)
- 2 Tank Squadrons (staff with 1 Leo and 2 M113, 3 troops each of 4 Leopard 1s)
- 2 Mechanized Infantry Squadrons (staff with 1 NM-135 and 2 MBs, 3 troops each of 4 NM-135)

## **ROYAL NORWEGIAN AIR FORCE**

1. No. 331 Fighter/Bomber Skvadron - Bodo, Norway: 16 F-16A
2. No. 332 Fighter/Bomber Skvadron - Rygge, Norway: 16 F-16A
3. No. 334 Fighter/Bomber Skvadron - Bodo, Norway: 16 F-16A
4. No. 336 Fighter/Bomber Skvadron - Rygge, Norway: 30 F-5A
5. No. 338 Fighter/Bomber Skvadron - Orland, Norway: 16 F-16A
6. 2 SAM Batteries: Nike-Hercules
7. 6 SAM Batteries: I-Hawk

Note 1: Between 1980 and 1984, Norway took delivery of 60 F-16A and 12 F-16B. An additional 2 F-16B were acquired in 1989 as attrition replacements.

## **PORTUGUESE REPUBLIC**

### **PORTUGUESE ARMY**

**Note:** The 1<sup>st</sup> Corps, Special Forces, Airborne, and Marine Brigades along with the Azores forces are maintained at a high state of readiness. The other units vary and would be filled out in wartime. Three additional mixed Brigades would be formed for Wartime deployment.

1. 1<sup>st</sup> Portuguese Corps:
  - a. 1a Brigada Mista Independiente (1<sup>st</sup> Independent Mixed Brigade)- Supports along Italian frontier in time of war:  
4 M577
    - 1) 1 Armored Battalion: 52 M48A5, 8 AML60, 2 M577, 6 M113, 4 M106
    - 2) 1 Mech Infantry Battalion: 42 M113, 8 AML 60, 2 M577, 4 M106, 6 TOW, 18 Milan
    - 3) 2 Motorized Infantry Battalions: 8 Ferret, 6 TOW, 18 Milan, 8 81mm mortars each, truck transport
    - 4) 1 Cavalry Squadron: 16 AML60, 12 M113
    - 5) 1 Artillery Battalion: 18 M109A2
    - 6) 1 ADA Battalion: 10 Vulcan, 5 Chaparral, 20 Blowpipe
    - 7) 1 Engineer Company: AVLB
  - b. Cascadores Rifle Battalion: (Elite troops)
2. 1 Special Forces Brigade:
  - a. HQ Company
  - b. 1 Commando Regiment: 10 Companies
3. Corpo de Tropas Para-quedistas (Light Parachute Brigade, Controlled by the Air Force):
  - a. 11. Para Battalion: 2 companies (12 rifle squads, 3 60mm IMI mortars, 6 Carl Gustav ATGL each), support co (5 81mm L16 mortars, AT pltn, Recce pltn)
  - b. 21. Para Battalion: same as above
  - c. 31. Para Battalion same as above
  - d. AT Company: 12 Jeep w/SS11 (?) (later gained Milan)
  - e. Heavy Mortar Company: 6 120mm Tampella Mortars, 6 "Esarco" APCs
  - f. Commando Company: 3 platoons w/Fast Attack Vehicles(?)

Note: May have helicopter squadron attached
4. Fuzilerios Navais - Marines: 3 Battalions (Controlled by the Navy)
5. Northern Military Region:
  - a. Porto Infantry Regiment: 3 Infantry Battalions
  - b. Chaves Infantry Regiment: 3 Infantry Battalions
  - c. Vila Real Infantry Regiment: 3 Infantry Battalions
  - d. Braga Cavalry Regiment:
  - e. Espinho Engineer Regiment:
  - f. Lancer Squadron:
6. Central Military Region:
  - a. Abrantes Infantry Regiment: 3 Infantry Battalions
  - b. Castelo Branco Infantry Regiment: 3 Infantry Battalions
  - c. Tomer Infantry Regiment: 3 Infantry Battalions
  - d. Viseu Infantry Regiment: 3 Infantry Battalions
  - e. Aveiro Infantry Battalion:
  - f. Leira Artillery Battalion:
  - g. Coimbra Lancer Squadron:

7. Lisbon Military Region:
  - a. Queluz Infantry Regiment: 3 Infantry Battalions
  - b. 5<sup>th</sup> Rifle Battalion:
  - c. Lisboa Artillery Regiment:
  - d. Coastal Artillery Regiment: 5 batteries
  - e. Lisboa Engineer Regiment:
  - f. Lisboa Lancer Regiment:
8. Southern Military Region:
  - a. Beja Infantry Regiment: 3 Infantry Battalions
  - b. Elvas Infantry Regiment: 3 Infantry Battalions
  - c. Faro Infantry Regiment: 3 Infantry Battalions
  - d. Estremoz Cavalry Regiment:
  - e. Sul Lancer Squadron:
9. Madeira Military Zone:
  - a. Funchal Infantry Regiment: 3 Infantry Battalions
  - b. 2<sup>nd</sup> Garrison Artillery Group: 5 Batteries
  - c. Funchal Lancer Squadron:
10. Azores Military Zone:
  - a. Anglo do Heroismo Infantry Regiment: 3 Infantry Battalions
  - b. 1<sup>st</sup> Garrison Artillery Group: 5 Batteries
  - c. Ponta Delgada Lancer Squadron:

**Note 1:** According to IISS and Janes, in 1989, Portugal held the following equipment in inventory:

*Armored Vehicles:* 86 M48A5, 50+ M47, 30 Saladin, 56 AML-60/-90, 32 Ferret Mk. 4, 123 M113, 19 M577A2, 81 Chaimite.

*Artillery:* 6 M109A2, 60 M101 105mm howitzers, M56 105mm pack howitzers, 23 5.5in guns, 40 M114 155mm towed howitzers, 20 107mm mortars, 81 120mm mortars, some 81mm mortars.

*Other Equipment:* 46 TOW ATGM, 31 SS-11, 45 Milan, 240 90mm and 106mm recoilless rifles, 34 M163A1 20mm Vulcan SPAA, 30 20mm RH202 AA guns, 322 40L60 AA guns, 57 Blowpipe SAMs

**Note 2:** It is likely that at least one of the battalion in each regiment was a training unit for recruits.

### **PORTUGUESE AIR FORCE**

1. No. 301 Fighter/Bomber Esquadra "Jaguars" - Montijo, Portugal: 36 G91R3/4
2. No. 302 Attack Esquadra - Monte Real, Portugal: 18 A-7P Corsair II
3. No. 303 Fighter/Bomber Esquadra "Tigers" - Lajes, Azores: 18 G91R3/4
4. No. 304 Attack Esquadra: 18 A-7P Corsair II
5. No. 551 Esquadra: 18 Alouette III
6. No. 552 Esquadra: 18 Alouette III

**Note 1:** Portugal took delivery of a total of 44 A-7Ps and 6 TA-7Ps between 1981 and 1986, according to Vought industries, the manufacturer. Anyone with any information on the actual numbers assigned to the squadrons would be appreciated.

**Note 2:** Portugal took delivery of 74 G91R/3 and R/4 beginning and 11 G91T/3 beginning in 1966. IISS lists 25 R/3, 18 R/4, and 10 T/3 still in service in 1989.

## **KINGDOM OF SPAIN**

### **SPANISH ARMY (EJERCITO DE TIERRA)**

Write up and most info courtesy of Tank-Net.org's RETAC, additional information from Gorka L. Martinez-Mezo

Until 1965 the Spanish Army was composed of "classical" regiments and divisions. In 1965 a reorganization was undertaken that divided Army forces in Intervention and Operational Defense formations adopting the brigade as the main component of Divisions. This is the organization shown by Andy Johnson. However since 1984 a modernization plan was underway aimed at improving the intervention ability of the army and updating its equipment. The META plan, as it was called only achieved its objectives partially, however the army was reorganized and this was the situation in 1989. Since 1994 Divisions were abolished and brigades were adopted as the highest level formation, but when Spain became part of Eurocorps, the decision was taken to maintain the Brunete division updating it with a third mechanized brigade.

In the Spanish Army, brigades are composed of 2 regiments of 1 or 2 battalions each. Although infantry regiments are only administrative units, they keep the traditions of older units and are commanded by Colonels. Brigades are commanded by Brigadiers. In case of war, a Corps sized unit would have been committed to operations in the Southern theater of operations. This Corps could have been either mechanized or mountain.

#### A. 1st Brunete Armored Division:

##### 1) 11th Mech Infantry Brigade (Brigada Mecanizada 11; BRIMZ 11):

- a. RIMZ 6 "Saboya" (Regimiento de Infantería Mecanizada; Mech Inf Regiment)
  - 1.- I/6 Cantabria Mech Inf Battalion (BIMZ): 51 M113, 27 Rifle Squads , 12 MILAN, 6 M125 81mm SP Mortar, 4 Tracked 120mm SP Mortar, 12 MMG.
  - 2.- II/6 Las Navas Mech Inf Battalion (BIMZ): 51 M113, 27 Rifle Squads , 12 MILAN, 6 M125 81mm SP Mortar, 4 Tracked 120mm SP Mortar, 12 MMG.
- b. RIMZ 16 "Castilla"
  - 1.- III/16 Alcántara Mech Inf Battalion (BIMZ): 51 M113, 27 Rifle Squads, 12 MILAN, 6 M125 81mm SP Mortar, 4 Tracked 120mm SP Mortar, 12 MMG.
  - 2.- IV/16 Mérida Armored Battalion (BICC): 52 AMX 30, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
- c. 11th SP Field Artillery Group (GACA ATP XI): 18 M109A 155mm SP Gun
- d. 11th Engineer Battalion (BING XI): 27 Engineer squads, 16 M113, 11 Trucks
- e. 11th Logistical Group (GL XI): 24 Trucks
- f. 11th Anti-tank Company (DCC 11): 9 MILAN, 9 M113

##### 2) 12th Armored Brigade (Brigada Acorazada 12; BRIAC 12)

- a. RIMZ 31 "Asturias"
  - 1.- I/31 Covadonga Mech Inf Battalion (BIMZ): 51 M113, 27 Rifle Squads , 12 MILAN, 6 M125 81mm SP Mortar, 4 Tracked 120mm SP Mortar, 12 MMG.
- b. RIAC 61 "Alcázar de Toledo"
  - 2.- II/61 Wad Ras Armored Battalion (BICC): 41 AMX 30, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
  - 3.- III/61 León Armored Battalion (BICC): 41 AMX 30, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
- c. 12th SP Field Artillery Group (GACA ATP XII): 18 M109A 155mm SP Gun
- d. 12th Engineer Battalion (BING XII): 9 Engineer squads, 9 M113
- e. 12th Logistical Group (GL XII): 24 Trucks

- 3) Divisional Support Group (Núcleo de Tropas Divisionario)
  - a. 14th Villaviciosa Light Armored Cavalry Regiment: (RCLAC 14): 48 VEC, 31 AMX-30, 26 M113, 16 Tracked 120mm SP Mortar, 4 Trucks, 13 Rifle Squads, 1 Motorcycle Squad, 22 Light Armored Trucks, 19 Medium armored trucks
  - b. 11th Artillery Regiment
    - 1.- I/11 Field Artillery Group (GACA I/11): 12 M10 203mm SP Gun (Improved)
    - 2.- II/11 Field Artillery Group (GACA II/11): 18 M109 155mm SP Gun
  - c. 11th Light AA Artillery Group: 18 40mm, 18 Trucks
  - d. 11th Engineer Regiment: 27 Engineer Squads, 27 Trucks,
  - e. 11th Logistic Regiment (Agrupación)

B. 2nd Guzman el Bueno Infantry Division (Motorized):

1) 21st Mech Infantry Brigade:

- a. RIMZ 2 “La Reina”
  - 1.- I/2 Princesa Mech Inf Battalion (BIMZ): 51 BMR600, 27 Rifle Squads , 12 MILAN, 6 BMR600 81mm SP Mortar, 4 BMR600 120mm SP Mortar, 12 MMG.
  - 2.- II/2 Lepanto Mech Inf Battalion (BIMZ): 51 BMR600, 27 Rifle Squads , 12 MILAN, 6 BMR600 81mm SP Mortar, 4 BMR600 120mm SP Mortar, 12 MMG.
- b. RIMZ 10 “Córdoba”
  - 1.- III/10 Almansa Mech Inf Battalion (BIMZ): 51 BMR600, 27 Rifle Squads , 12 MILAN, 6 BMR600 81mm SP Mortar, 4 BMR600 120mm SP Mortar, 12 MMG.
  - 2.- IV/10 Málaga Armored Battalion (BICC): 45 M47E2, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
- a. 21st SP Field Artillery Group (GACA ATP XXI): 18 M108 105mm SP Gun
- c. 21st Engineer Battalion (BING XXI): 9 Engineer Squads, 9 BMR600
- d. 21st Logistical Group (GL XXI): 24 Trucks
- e. 21st Anti-tank Company (DCC 21): 9 MILAN, 9 BMR600

2) 22nd Mot Infantry Brigade:

- a. RIMIX 9 “Soria”
  - 1.- III/9 Tarifa Mot Inf Battalion (BIMT): 27 Rifle Squads , 8 MILAN, 6 81mm Mortar, 4 120mm Mortar, 27 MMG, 9 60 mm Mortar, 36 Light Armored Trucks, 25 Medium armored trucks, 4 Trucks.
  - 2.- IV/9 Argel Armored Battalion (BICC): 52 M48A5E2, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
- b. RIMT 19 “Pavía”
  - 1.- I/19 Cádiz Mot Inf Battalion (BIMT)
  - 2.- II/19 Alava Mot Inf Battalion (BIMT)
- c. 22nd Field Artillery Group (GACA XXII)
- d. 22nd Engineer Battalion (BING XXII)
- e. 22nd Logistical Group (GL XXII)
- f. 22nd Anti-tank Company (DCC 22)

3) 23rd Mot Infantry Brigade:

- a. RIMIX 34 “Granada”
  - 1.- III/34 Extremadura Mot Inf Battalion (BIMT)
  - 2.- IV/34 Almeria Armored Battalion (BICC): 52 M48A5E2, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
- b. RIMT 17 “Aragón”
  - 1.- I/17 Nápoles Mot Inf Battalion (BIMT)
  - 2.- II/17 Simancas Mot Inf Battalion (BIMT)



- c. 23rd Field Artillery Group (GACA XXIII):
- d. 23rd Engineer Battalion (BING XXIII)
- e. 23rd Logistical Group (GL XXIII)
- f. 23rd Anti-tank Company (DCC 23)

#### 4) Divisional support Group

- f. 7th Sagunto Light Armored Cavalry Regiment (RCLAC 7): 48 VEC, 31 M47E1, 26 M113, 16 Tracked 120mm SP Mortar, 4 Trucks, 13 Rifle Squads, 1 Motorcycle Squad, 22 Light Armored Trucks, 19 Medium armored trucks
- b. 14th Artillery Regiment
  - 1.- I/14 Field Artillery Group (GACA I/14): 18 M109 155mm SP Gun
  - 2.- II/14 Field Artillery Group (GACA II/14): 18 155mm Howitzer
- c. 2nd Light AA Artillery Group
- d. 2nd Engineer Regiment
- e. 2nd Logistic Regiment (Agrupación)

#### C. 3rd Maestrazgo Infantry Division (Mechanized):

##### 1) 31st Mech Infantry Brigade:

- b. RIMZ 14 “Tetuan”
  - 1.- I/14 Tarragona Mech Inf Battalion (BIMZ)
  - 2.- II/14 Guadalajara Mech Inf Battalion (BIMZ)
- c. RIMZ 21 “Vizcaya”
  - 1.- III/21 Barbastro Mech Inf Battalion (BIMZ)
  - 2.- IV/21 Otumba Armored Battalion (BICC): 52 AMX 30, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
- d. 31st SP Field Artillery Group (GACA ATP XXXI):
- e. 31st Engineer Battalion (BING XXXI)
- f. 31st Logistical Group (GL XXXI)
- g. 31st Anti-tank Company (DCC 31)

##### 2) 32nd Mech Infantry Brigade:

- a. RIMZ 13 Mallorca
  - 1.- I/13 Murcia Mech Inf Battalion (BIMZ)
  - 2.- II/13 San Fernando Mech Inf Battalion (BIMZ)
- b. RIMZ 18 España
  - 1.- III/18 Sevilla Mech Inf Battalion (BIMZ)
  - 2.- IV/18 Bailen Armored Battalion (BICC): 52 AMX 30, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG
- c. 32nd SP Field Artillery Group (GACA ATP XXXII):
- d. 32nd Engineer Battalion (BING XXXII)
- e. 32nd Logistical Group (GL XXXII)
- f. 32nd Anti-tank Company (DCC 32)

##### 3) Divisional support Group

- a. 8th Lusitania Light Armored Cavalry Regiment (RCLAC 8): 48 VEC, 31 M47E1, 26 M113, 16 Tracked 120mm SP Mortar, 4 Trucks, 13 Rifle Squads, 1 Motorcycle Squad, 22 Light Armored Trucks, 19 Medium armored trucks
- b. 17th Artillery Regiment
  - 1.- I/17 Field Artillery Group (GACA I/17): 18 M109A 155mm SP Gun
  - 2.- II/17 Field Artillery Group (GACA II/17): 18 155mm Howitzer
- c. 3rd Light AA Artillery Group
- d. 3rd Engineer Regiment

- e. 3rd Logistic Regiment (Agrupación)

D. 4th Urgell Mountain Division :

1) 41st Mountain Brigade (Brigada de Cazadores de Montaña; BRCZM):

- a. RCZM 62 “Arapiles”
  - 1.- I/62 Alba de Tormes Mountain Battalion (BCZM)
  - 2.- II/62 Cataluña Mountain Battalion (BCZM)
- b. RCZM 63 “Barcelona”
  - 1.- III/63 Chiclana Mountain Battalion (BCZM)
  - 2.- IV/63 Badajoz Mountain Battalion (BCZM)
- c. 41st Mountain Artillery Group
- d. 41st Engineer Battalion
- e. 41st Ski Company
- f. 41st Logistic Group

2) 42nd Alpine Mountain Brigade (Brigada de Cazadores de Alta Montaña; BRCZAM):

- g. RCZAM 64 “Galicia”
  - 1.- I/64 Pirineos Alpine Mountain Battalion (BCZAM) (includes a Ski Company)
  - 2.- II/64 Gravelinas Alpine Mountain Battalion (BCZAM) (includes a Ski Company)
- h. RCZM 65 “Valladolid”
  - 1.- III/65 Gerona Alpine Mountain Battalion (BCZAM) (includes a Ski Company)
- i. 42nd Mountain Artillery Group
- j. 42nd Engineer Battalion
- k. 42nd Ski Company
- l. 42nd Logistic Group

3) Divisional support Group

- a. 21st Artillery Regiment
  - 1.- I/21 Field Artillery Group (GACA I/21)
  - 2.- II/21 Field Artillery Group (GACA II/21): 18 155mm Howitzer
- b. 4th Engineer Regiment
- c. 4th Logistic Regiment (Agrupación)

E. 5th Navarra Mountain Division :

1) 51st Mountain Brigade (Brigada de Cazadores de Montaña; BRCZM):

- a. RCZM 66 “America”
  - 1.- I/66 Montejurra Mountain Battalion (BCZM)
  - 2.- II/66 Estella Mountain Battalion (BCZM)
- b. RCZM 67 “Tercio Viejo de Sicilia”
  - 1.- III/67 Legazpi Mountain Battalion (BCZM)
- c. 51st Mountain Artillery Group
- d. 51st Engineer Battalion
- e. 51st Ski Company
- f. 51st Logistic Group

2) 52nd Mot Infantry Brigade:

g. RIMIX 30 “Flandes”

- 1.- III/30 Cuenca Mot Inf Battalion (BIMT)
- 2.- IV/30 Burgos Armored Battalion (BIICC): 52 M47E1, 4 Tracked 120mm SP Mortar, 4 Wheeled 20mm SPAAG

h. RIMT 45 “Garellano”

- 1.- I/45 Guipuzcoa Mot Inf Battalion (BIMT)
- 2.- II/45 Milan Mot Inf Battalion (BIMT)

- i. 52nd Field Artillery Group
- j. 52nd Engineer Battalion
- k. 52nd Anti-tank Company
- l. 52nd Logistic Group

4) Divisional support Group

- a. 46st Artillery Regiment
  - 1.- I/46 Field Artillery Group (GACA I/46)
  - 2.- II/46 Field Artillery Group (GACA II/46): 18 155mm Howitzer
- b. 5th Engineer Regiment
- c. 5th Logistic Regiment (Agrupación)

F. 1st Jarama Cavalry Brigade:

- a. 1st Santiago Light Armored Cavalry Regiment
- b. 5th Almansa Light Armored Cavalry Regiment
- c. 12th Farnesio Armored Cavalry Regiment
- d. I/41 SP Artillery Group: 18 M108 105mm SP Gun
- e. Engineer Battalion
- f. Logistic Group

G. 2nd Castillejos Cavalry Brigade (not yet fully activated):

- a. 9th Numancia Light Armored Cavalry Regiment
- b. 11th España Light Armored Cavalry Regiment
- c. 4th Pavía Armored Cavalry Regiment
- d. I/20 SP Artillery Group: 18 M108 105mm SP Gun
- e. 2nd Engineer Battalion
- f. 2nd Logistic Group

H. Light Airtransportable Infantry Brigade (BRILAT):

- a. RIAT 29 “Isabel La Católica”
  - 1.- I/29 Zamora Light Infantry Battalion
  - 2.- II/29 Zaragoza Light Infantry Battalion
- b. RIAT 3 “Príncipe”
  - 1.- III/3 Toledo Light Infantry Battalion
  - 2.- IV/3 San Quintin Light Infantry Battalion
- c. Anti-tank Company
- d. Airtransportable Artillery Group
- e. Airtransportable Engineer Battalion
- f. Airtransportable Logistic Group

I. Parachute Brigade (BRIPAC): Created from Legión units and maintaining close links, its battalions are designated “banderas”. Was designated as part of the General Reserve.

- a. I Roger de Flor Parachute Battalion (Bandera Paracaidista): 3 rifle cos (9 rifle squads, 3 MMG, 6 C-90 ATGL, 2 81mm mortars each), 1 support co (4 Land Rover w/Milan, 4 Land Rover w/106mm RR, 4 LR-towed 20mm Oerlikon AA guns, 4 truck-towed 120mm mortars, Recon pltn)
- b. II Roger de Lauria Parachute Battalion: same as above
- c. III Órtiz de Zarate Parachute Battalion: same as above
- d. Parachute Anti-tank Company: 12 Land Rover w/Milan
- e. Parachute Artillery Group: 12 105mm M56 howitzers
- f. Parachute Engineer Battalion: Two companies, light equipment

g. Parachute Radar Platoon: 3 Rasura radars

J. Legion Command (MALEG): This is the Spanish foreign legion (although foreigners were in fact forbidden!). Its battalions are called “Banderas” and its regiments “Tercios”. It is deployed in Africa, the Canary Islands and southern Spain. It is an elite force and was designated as General Reserve.

- a. 1st Tercio “Gran Capitán” (in Melilla)
  - 1.- I/1 Casa de Borgoña Infantry Battalion
  - 2.- II/1 Carlos I Mech Inf Battalion
- b. 2nd Tercio “Duque de Alba” (in Ceuta)
  - 1.- I/2 Cristo de Lepanto Infantry Battalion
  - 2.- II/2 Gonzalo de Cordoba Mech Inf Battalion
- c. 3rd “Juan de Austria” (in Fuerteventura)
  - 1.- I/3 Tte Coronel Valenzuela Mot Inf Battalion
  - 2.- II/3 Cristobal Colon Mot Inf Battalion
- d. 4th Tercio “Alejandro Farnesio” (in Almeria)
  - 1.- I/4 Millan Astray Airmobile Battalion
  - 2.- II/4 Cte Tiede Special Operations Battalion

K. FAMET (Fuerzas AeroMóviles del Ejército de Tierra): It is composed of 6 operational battalions, a training center and a liaison group. Has control over all air assets of the army with the following deployment:

- a. 1st Attack Helicopter Bn (BHELA I) (Ciudad Real): 28 BO105 ATH (w/6 HOT ATGM), (?) BO105GSH (w/20mm gun), 10 BO105 LOH, 3 UH-1H
- b. 5th Transport Helicopter Bn (BHELTRA V) (Madrid): 18 CH-47C, 3 UH-1H
- c. 2nd Maneuver Helicopter Bn (BHELMMA II) (Valencia): 6 BO105 LOH, 18 UH-1H
- d. 3rd Maneuver Helicopter Bn (BHELMMA III) (Logroño): 6 BO105 LOH, 18 UH-1H
- e. 4th Maneuver Helicopter Bn (BHELMMA IV) (Seville): 6 BO105 LOH, 15 UH-1H
- f. 6th Maneuver Helicopter Bn (BHELMMA VI) (Tenerife): 6 BO105 LOH, 6 UH-1H
- g. FAMET Training Center (CEFAMET): 17 OH-58; 4 BO105 LOH, 4 UH-1H
- h. Helicopter Service (SHEL): 5 4 BO105 LOH, 7 UH-1H

L. OTHER GENERAL RESERVE FORMATIONS: These were controlled by their parent arm, but would have been the nuclei of the Corps support formations:

- a. 63rd Field Artillery Regiment (RACA 63): 24 8 inch Howitzer
- b. 62nd Rocket Artillery Regiment (RALCA 62): 14 Teruel MRL, 18 122mm Gun
- c. 71st Anti Aircraft Artillery Regiment (RAAA 71)
  - 1.- I/71 & II/72 Lt. AA Groups: 36 40 mm AA
  - 2.- III/71 SAM Roland Group: 18 AMX 30 Roland
- d. 72nd Anti Aircraft Artillery Regiment (RAAA 72): 36 35 mm AA
- e. 73rd Anti Aircraft Artillery Regiment (RAAA 73)
  - 1.- I/73 SAM-Aspide: 13 Aspide SAM
  - 2.- II/73 Mixed AA Group: 18 35 mm AA
- f. 74th Anti Aircraft Artillery Regiment (RAAA 74)
  - 1.- I/74 SAM Hawk: 24 IHAWK
  - 2.- II/74 AA Group: 18 35 mm AA
- g. I/75 Lt. AA Group: 18 40 mm AA
- h. I/76 Lt. AA Group: 18 40 mm AA
- i. 11th Engineer Regiment (mainly road construction)
- j. 12th Engineer Regiment (1 bridging and 1 fortification Bn)
- k. 13th Engineer Regiment (Railroad repair)

Note 1: Spanish infantry were armed with the C-90, a disposable 90mm anti-tank rocket.

## GARRISONS AND TERRITORIAL FORCES

The deployment of the Army was made on a territorial basis with each Military region comprising at least a Division, but most also had a Brigade and support elements. Additionally each region had an MP Company. These regions were:

I Military Region - Central: MP Companies 11 & 12, “Inmemorial del Rey” Battalion (for ceremonial purposes).

II Military Region - South: 1MP Company 21, Coast Artillery regiments 4 & 5 (3 groups in all): 7 381 mm Guns; 6 40mm AA

III Military Region - Levant: MP Company 31

IV Military Region – Eastern Pyrenees: MP Company 41

V Military Region – Western Pyrenees: MP Company 51

VI Military Region – Northwest: MP Companies 61 & 62

M. Ceuta and Melilla Garrisons: The following units were deployed in Africa. The “Regulares” were manned by Europeans but kept the traditions of the native regiments of the Spanish Army. The Armored Cavalry regiments had a Battalion structure. Both garrisons had a Divisional structure but were not deployable.

1) Comandancia General de Ceuta

a. 3rd Montesa Armored Cavalry Regiment: 26 M48A5E2

b. RIMT 54 “Regulares de Ceuta”

1.- I/54 Tetuan Mot Inf Battalion

2.- II/54 Larache Mot Inf Battalion

c. 30th Mixed Artillery Regiment

1.- I/30 Field Artillery Group

2.- III/30 Coast Artillery Group

d. 7th Engineer Regiment

e. 6th Light Antiaircraft Artillery Group: 18 35 mm AA

f. MP Company

2) Comandancia General de Melilla

a. 10th Alcantara Armored Cavalry Regiment: 26 M48A5E2

b. RIMT 52 “Regulares de Melilla”

1.- I/52 Alhucemas Mot Inf Battalion

2.- II/52 Rif Mot Inf Battalion

c. 32nd Artillery Regiment

d. 8th Engineer Regiment

e. 7th Light Antiaircraft Artillery Group: 18 35 mm AA

N. Canary Islands garrison:

1) Jefatura de tropas de Tenerife

a. RIMTB 49 “Tenerife”

b. RAMIX 93:

1.- I/93 Coast Artillery Group

2.- II/93 Light Antiaircraft Artillery Group: 18 40 mm AA

3.- III/93 Field Artillery Group

c. XV Engineer Battalion

2) Jefatura de tropas de Las Palmas

a. RIMTB 50 “Las Palmas”

b. BIMTB “Lanzarote”

c. BIMTB “La Palma”

d. RAMIX 94:

1.- I/94 Light Antiaircraft Artillery Group: 18 35 mm AA

2.- II/94 Field Artillery Group

e. XVI Engineer Battalion

O. Baleares Islands garrison:

1) Jefatura de tropas de Mallorca

a. RIMTB 47 “Palma”

b. RAMIX 91:

- 1.- III/91 Coast Artillery Group
- 2.- II/91 Light Antiaircraft Artillery Group: 18 40 mm AA
- 3.- I/91 Field Artillery Group
- c. V Engineer Battalion
- d. 72nd MP Company

- 2) Jefatura de tropas de Menorca
  - e. BIMTB II “Mahon”
  - f. VII Coast Artillery Group
  - g. Light Antiaircraft battery
  - h. V Field Artillery Group
  - i. 1 sapper company from V Engineer Battalion
- 3) Jefatura de tropas de Ibiza
  - j. BIMTB III “Teruel”
  - k. VI Field Artillery Group

P. Special Operations Groups: Deployed on a geographical basis and specialized for operations in their areas of responsibility, these elite units were similar to Ranger units of the Vietnam war and trained in COIN and Guerrilla tactics. Deployment could have been possible. They were:

- a. 1st Special operations group “Ordenes Militares” (Madrid)
- b. 2nd Special operations group “Santa Fé” (Granada)
- c. 3rd Special operations group “Valencia” (Alicante)
- d. 4th Special operations group “Almogávares” (Barcelona)
- e. 5th Special operations group “San Marcial” (Burgos)
- f. 6th Special operations group “La Victoria” (La Coruña)
- g. 7th Special operations company (Palma de Mallorca)
- h. 8th Special operations company (Tenerife)
- i. 9th Special operations company (Las Palmas)

### **SPANISH AIR FORCE (EJERCITO DEL AIRE)**

- 1. No. 11 Wing - Manises AB, Valencia: 111, 112 Squadrons (18 Mirage IIIE C.11, 5 Mirage IIIB CE.11)
- 2. No. 12 Wing - Torrejon AB, Madrid: 121, 122 Squadrons ( 29 EF-18A, 6 EF-18B), 123 Squadron (9 RF-4C)
- 3. No. 14 Wing - Albacete AB: 141, 142 Squadrons (38 Mirage F.1CE (C.14), 2 F.1BE (CE.14))
- 4. No. 15 Wing - Zaragoza AB: 151, 152 Squadrons (29 EF-18A, 6 EF-18B)
- 5. No. 21 Wing – Moron AB, Seville, Spain: 211, 212 Squadrons (12 SF-5A, 12 RF-5A)
- 6. No. 31 Wing – Zaragoza AB: 9 KC-130H, 8 C-130H
- 7. No. 35 Wing – Getafe AB, Madrid: 18 CASA C-212
- 8. No. 37 Wing – Villanubla AB, Valladolid; 18 C-7A Caribou
- 9. No. 46 Wing – Gando, Canary Islands: 462 Squadron (20 Mirage F.1EE, 3 F.1BE), 461 Squadron (18 CASA C-212)

#### **Note 1: Spanish Aircraft Holdings**

Spain had taken delivery of 40 F-4Cs and 12 RF-4Cs (including 8 RF-4Cs in 1989). 31 F-4Cs were still in inventory in 1989. They had previously equipped No. 12 Wing, but were phased out by April 1989. CASA produced the F-5A, RF-5A, and F-5B as the C.9, CR.9 and CE.9. At least 25 F-5A/Bs were still in inventory in 1988, when they were upgraded.

#### **Note 2: Training Units (based on fragmentary evidence)**

No. 23 Wing – Talavera de Real: 231, 232 Squadrons (SF-5B)

#### **Note 3: Radar Squadrons**

- 1. EVA 1 – Calatayud
- 2. EVA 2 – Toledo
- 3. EVA 3 – Seville
- 4. EVA 4 – Gerona
- 5. EVA 5 – Alicante
- 6. EVA 7 – Majorca

7. EVA 9 – Granada
8. EVA 10 – Corunna
9. EVA 21 – Gran Canaria
10. EVA 22 – Lanzarote

## **SPANISH NAVAL FORCES AND MARINES**

1. Tercio de Armada – (Marine Brigade)
  - A. HQ & HQ Co, Service Platoon, Police Platoon
  - B. Landing Group (Agrupacion de Desembarco – AD)
    1. Batallon de Desmbarco 1
      - a. HQ & Service Co.
      - b. Recon Platoon: 3 Recon squads: 6 Armored Hummers; 6 Recon teams, Radar squad, FO squad
      - c. Anti-tank. Platoon: 6 106mm RR
      - d. Weapons Co: 8 81mm mortars on Hummer, 6 12.7mm MGs on Hummer
      - e. 3 x Infantry Cos, each: 2 60mm Mortars, 3 Dragon ATGM, 9 Infantry squads
    2. Batallon de Desmbarco 2
      - a. HQ & Service Co.
      - b. Recon Platoon: 3 Recon squads: 6 Armored Hummers; 6 Recon teams, Radar squad, FO squad
      - c. Anti-tank. Platoon: 6 106mm RR
      - d. Weapons Co: 8 81mm mortars on Hummer, 6 12.7mm MGs on Hummer
      - e. 3 x Infantry Cos, each: 2 60mm Mortars, 3 Dragon ATGM, 9 Infantry squads
    3. Special Operations Unit (UOE)
      - a. 3 Special Operations Platoons: 3 squads each.
    4. Combat Support Group (AAC)
      - a. HQ & Service Co.
      - b. Landing Artillery Group (GAD)
        1. HQ & Service Battery
        2. SP Battery: 6 M-109 SP Guns
        3. 2 Howitzer Batteries: 6 105mm M56 howitzers each
        4. Light SAM Bty: 6 Mistral MANPADS on Hummer
      - c. Amphibious Mechanized Group (GMA)
        1. Amphibious Tractor Co: 16 LVTP-7
        2. Tank Co. 16 M48A3E; 17 Scorpion light tanks
        3. Anti-tank Co. 12 TOW on Hummer
        4. 3 Transport Cos: 12 BLR each

Note 1: Hummers had previously been Land Rover 109s.

Note 2: UOE may have been a battalion strength unit with 3 para-commando companies plus a combat diver company.

Note 3: Mistral may have been a later addition.

2. Naval Air
  - A. 3ª Escuadrilla – Rota: AB-212ASW
  - B. 5ª Escuadrilla – Rota: SH-3D Sea King
  - C. 8ª Escuadrilla -- Rota: 12 AV-8A
  - D. 9ª Escuadrilla -- Rota: 12 AV-8B
  - E. 10ª Escuadrilla – Rota: 6 SH-60B

## **REPUBLIC OF TURKEY**

### **TURKISH ARMY**

Taken from Frank Chadwick's extensively researched "Combined Arms" OOBs, 1987. Gendarmerie and Army HQs from World Armies Today. Equipment holdings are from IISS' 1990-1991 Military Balance and is current as of early 1990.

1. 1<sup>st</sup> Army - Thrace: (HQ: Istanbul)
  - a. 3<sup>rd</sup> Mechanized Division
  - b. 66<sup>th</sup> Mechanized Division
  - c. 2<sup>nd</sup> Infantry Division (M)
  - e. 4<sup>th</sup> Infantry Division (A)
  - f. 6<sup>th</sup> Infantry Division (M)
  - g. 8<sup>th</sup> Infantry Division (A)
  - h. 23<sup>rd</sup> Infantry Division (M)
  - i. 33<sup>rd</sup> Infantry Division (A)
  - j. 61<sup>st</sup> Infantry Division (A)
  - k. 65<sup>th</sup> Infantry Division (A)
  - l. 1<sup>st</sup> Armored Brigade
  - m. 2<sup>nd</sup> Armored Brigade
  - n. 3<sup>rd</sup> Armored Brigade
  - o. 41<sup>st</sup> Infantry Brigade
  - p. 18<sup>th</sup> Armored Regiment
2. 2<sup>nd</sup> Army - Asia Minor: (HQ: Konya)
  - a. 5<sup>th</sup> Armored Brigade
  - b. 16<sup>th</sup> Mechanized Brigade
  - c. 20<sup>th</sup> Mechanized Brigade
  - d. 39<sup>th</sup> Infantry Brigade
  - e. 70<sup>th</sup> Infantry Brigade
  - f. 21<sup>st</sup> Coastal Brigade
  - g. 22<sup>nd</sup> Coastal Brigade
  - h. 23<sup>rd</sup> Coastal Brigade
3. 3<sup>rd</sup> Army - Caucasus: (HQ: Erzincan)
  - a. 9<sup>th</sup> Infantry Division (M)
  - b. 12<sup>th</sup> Infantry Division (M)
  - c. 29<sup>th</sup> Infantry Division (M)
  - d. 51<sup>st</sup> Infantry Division (M)
  - e. 4<sup>th</sup> Armored Brigade
  - f. 6<sup>th</sup> Armored Brigade
  - g. 1<sup>st</sup> Mechanized Brigade
  - h. 14<sup>th</sup> Mechanized Brigade
  - i. 10<sup>th</sup> Infantry Brigade
  - j. 48<sup>th</sup> Infantry Brigade
  - k. 49<sup>th</sup> Infantry Brigade
  - l. 51<sup>st</sup> Infantry Brigade
4. 4<sup>th</sup> Army - Aegean and Mediterranean Islands: (HQ Izmir)
  - a. 28<sup>th</sup> Infantry Division (M)
  - b. 39<sup>th</sup> Infantry Division (M)
  - c. 11<sup>th</sup> Infantry Brigade
  - e. 19<sup>th</sup> Infantry Brigade
5. Ankara
  - a. 15<sup>th</sup> Infantry Brigade
  - b. 28<sup>th</sup> Infantry Brigade



- c. 62<sup>nd</sup> Separate Infantry Regiment
- d. Commando Brigade
- e. Airborne Brigade

6. Reserve Units

- a. 1<sup>st</sup> Armored Division: equipped with older equipment
- b. 58<sup>th</sup> Infantry Division (R)
- c. 1<sup>st</sup> Infantry Brigade
- d. 3<sup>rd</sup> Infantry Brigade
- e. 5<sup>th</sup> Infantry Brigade
- f. 57<sup>th</sup> Artillery Brigade: 1 155mm Howitzer bn, 3 155mm gun bn, 2 203mm howitzer bn, 1 M107 175mm SP bn
- g. 58<sup>th</sup> Artillery Brigade: 1 155mm Howitzer bn, 3 155mm gun bn, 1 203mm howitzer bn, 1 M107 175mm SP bn
- h. 59<sup>th</sup> Artillery Brigade: 1 155mm Howitzer bn, 3 155mm gun bn, 1 203mm howitzer bn, 1 M107 175mm SP bn

7. Gendarmerie – 110,000 strong, armed with light infantry weapons. Controlled by the Army in wartime officially, but effectively the case during peacetime. Includes three mobile brigades in 2<sup>nd</sup> and 3<sup>rd</sup> Army areas.

**General Note:** Reliable information on the Turkish military is hard to come by; virtually every source contradicts every other. The TO&E above is likely fairly accurate, but also incomplete. In all likelihood, many Corps, Army and smaller reserve units are missing. Additionally, Turkey held a vast horde of older equipment, much of it dating back to the 1950s. The actual numbers below are approximations based on attempts to reconcile a variety of sources. They should not be taken as etched in stone, nor should the TO&Es. The Turkish disclosures under the CFE Treaty show a wide variation within individual units, but are of little utility here as an Army-wide restructuring was going on when they were first filed. As always, any additional information would be appreciated.

**Note 1:** Turkey had, at the time, no other organized reserve units. Given the vast conscript pool, Turkey was effectively able to man all the units it could afford to raise using primarily troops on active duty. Conscripts leaving active duty were registered by the local reserve office. Gwynne Dyer, in the 2<sup>nd</sup> edition of World Armies today, estimated that Turkey could call upon about 700,000 reasonably trained and fit individuals in war time. Arming and organizing them however, would have been a different matter than mobilizing them.

**Note 2:** Turkish Armor and Artillery holdings:

- 1.) Tanks: 523+ M-47, 1,130 M48A1/A2, 1,980 M48T1/T2 (A5), 81 Leopard 1A3, 108 M-41, 114 M-24 Chaffee
- 2.) Light AFVs: 700 M-59, 2,300 M113 (including variants), 400-600 M-2/M-3 Halftrack, some M8/M20 ACs in reserve
- 3.) Towed Artillery: 100 M116 75mm, 830 M-101A1 105mm, 104 Skoda 150mm, 500 M-114A1 155mm, 150 M-59 155mm, 140 M115 203mm, 20 RA-7040 40-tube 70mm MRL.
- 4.) SP Artillery: 300 M-52 105mm, 26+ M-108 105mm, 150 M-44T 155mm, 36 M-107 175mm, 16 M-110 203mm, 81 M55 203mm,
- 5.) Air Defense: 160 12.7mm Quad, 20 GAI-DO1 20mm, 260 GDF-003 35mm, 725 Bofors L60/70 40mm, 100+ M51 75mm, 100+ M117/M118 90mm, 100+ M-42A1, 12+ Rapier, Redeye manpads. Air force controls 24 Rapier, 128 Nike Hercules.
- 6.) ATGW: 400 Cobra, 300 SS-11, 516 TOW SP, 392 Milan

**Note 3:** Divisional Organizations

- 1) Infantry Divisions: There were three types of Turkish Infantry Divisions: Those with 2 infantry regt and 1 mech regt (marked with an (M) above), those with 2 infantry regts and 1 armored regt (marked with (A) above), and a reserve division with 3 infantry regts ((R) above).

In addition, each division had:

- a) 3 Direct Support Battalions with towed US M101 105mm howitzers
- b) 1 General Support Battalion with 3 batteries of towed 155mm howitzers and 1 battery of 203mm towed howitzers
- c) 1 Engineer Battalion in trucks, including a bridging company
- d) 1 Air Defense Artillery Battalion with 3 batteries of 40mm towed AA guns
- e) 1 Divisional Anti-Tank Company with jeep-mounted Cobra, SS-11, TOW, or 106mm RR
- 2) Mechanized Divisions:
  - a) 2 Mechanized Regiments
  - b) 1 Armored Regiment
  - c) 1 Armored Cavalry Squadron with 3 companies, each: 1 plt M48, 1 plt of scouts in M113s, 1 plt of scouts in jeeps

- d) 1 Armored Artillery Regt with:
  - 1) 3 Direct Support Battalions with 105mm M-52 SP
  - 2) 1 Direct Support Battalion with 3 batteries of 155mm M-44T and 1 battery of 203mm M110
- e) 1 Engineer battalion in trucks, including a bridging company
- f) 1 Air Defense Artillery battalion with 3 batteries of 40mm towed AA guns
- 3) Armored Division:
 

(same as Mech division but with 3 armored regiments and older equipment)

**Note 4: Brigade Organizations**

- 1) Infantry Brigades:
  - a) 4 Infantry Battalions in trucks
  - b) 1 Artillery Battalion with towed 105mm howitzers
  - c) 1 Cavalry Troop (company)
- 2) Mechanized Brigades:
  - a) 2 Armored Cavalry Squadrons, each with 3 troops, each: 1 plt M48, 1 plt of scouts in M113s, 1 plt of scouts in jeeps
  - b) 2 Mechanized Battalions in M113s
  - c) 1 Engineer Company
  - d) 1 Anti-Tank Company with 3 plts of M150 (M113 w/TOW)
  - e) 1 Artillery Battalion with towed 105mm howitzers  
(Two brigades had Leopard 1A3 instead of M48s)
- 3) Armored Brigades:
  - a) 2 Tank Battalions, each with: 54 M48s, 2 recovery vehicles
  - b) 2 Mechanized Battalions in M113s
  - c) 1 Engineer Company (in M59s?)
  - d) 1 Artillery Battalion with towed 105mm howitzers
- 4) Coastal Defense Brigades:
 

(likely the same as infantry brigades, but without trucks)

**Note 5: Regimental Organizations**

- 1) Armored Regiment:
  - a) 2 Tank Battalions
  - b) 1 Mechanized Battalion in M113s(?)
  - c) 1 Engineer Company (in M59s?)
- 2) Mechanized Regiment:
  - a) 1 Tank Battalion
  - b) 2 Mechanized Battalions in M113s
  - c) Anti-Tank Company with jeep-mounted Cobra, SS-11, TOW, or 106mm RR
  - d) 1 Engineer Company
- 3) Infantry Regiment:
  - a) 3 Infantry Battalions in trucks
  - b) 1 Cavalry Troop

## **TURKISH AIR FORCE**

1. 1st Ana Hava Us (Wing) - Eskisehir, Turkey:
  - a. No. 111 Fighter/Bomber Filo (squadron): 18 F-4E
  - b. No. 112 Fighter/Bomber Filo: 18 F-4E
  - c. No. 113 Reconnaissance Filo: 8 RF-4C, RF-84F
2. 3rd Ana Hava Us - Konya, Turkey: (previously OCU, active in 1988)
  - a. No. 131 Fighter/Bomber Filo: 18 F-4E
  - b. No. 132 Fighter/Bomber Filo: 18 F-4E
3. 4th Ana Hava Us - Murted, Turkey:
  - a. No. 141 Fighter/Bomber Filo: Up to 16 F-16C (from F-104, 88-89)
  - b. No. 142 Fighter/Bomber Filo: Up to 16 F-16C (from F-104S, 88-90)
4. 5th Ana Hava Us - Diyarbakir, Turkey:
  - a. No. 151 Fighter/Bomber Filo: 24 F-5A
  - b. No. 152 Fighter/Bomber Filo: 24 F-5A
  - c. No. 153 Fighter/Bomber Filo: 12 RF-5A
  - d. No. 184 Reconnaissance Filo: 18 RF-5A
5. 6<sup>th</sup> Ana Hava Us - Bandirma, Turkey (6<sup>th</sup> Ana Hava Us?)
  - a. No. 161 Fighter/Bomber Filo: Up to 16 F-16C (from F-104, 89)
  - b. No. 162 Fighter/Bomber Filo: Up to 16 F-16C (from F-104, 89-90)
6. 7th Ana Hava Us - Erhac, Turkey:
  - a. No. 171 Fighter/Bomber Filo: 18 F-4E
  - b. No. 172 Fighter/Bomber Filo: 18 F-4E
  - c. No. 173 Fighter/Bomber Filo: 18 F-4E
7. 8<sup>th</sup> Ana Hava Us – Diyarbakir, Turkey:
  - a. No. 181 Interceptor Filo: 15 F-104
  - b. No. 182 Interceptor Filo: 15 F-104S
8. 9<sup>th</sup> Ana Hava Us – Balikesir, Turkey:
  - c. No. 191 Interceptor Filo: 20 F-104G
  - d. No. 192 Interceptor Filo: 20 F-104G
9. 8 Air Defense Squadrons: 16 Nike-Hercules each
10. 2 Air Defense Squadrons: 12 Rapiers each
11. Training Units (partial listing)
  - a. 36 F-100C/F with Operation Conversion Units
  - b. 133 OCU Filo: F-5A/B
  - c. 193 OCU Filo – Balikesir, Turkey: F-104

**Note 1:** Aircraft Holdings:

Turkey took delivery of a total of 157 F-5A, 30 F-5B and 34 RF-5A in a variety of configurations over the years. At least 106 were still in service in 1989, but probably quite a few more, including a number of the more advanced NF-5As received from the Netherlands.

Turkey took delivery of about 400 total F-104s, including 40 F-104S interceptors from Italy. Throughout the 1980s, Turkey received numerous F-104s as they were withdrawn from service with other NATO members. While many were lost to attrition and other were cannibalized, it is likely several hundred remained by 1989. The units listed above with F-16Cs were in the process of converting from F-104 during this period, and would likely have been flying both aircraft.

By 1989, Turkey had taken delivery of a total of 142 F-4Es and at least 8 RF-4Cs.

**Note 2:** Ongoing Aircraft Deliveries

The Turkish Air Force was taking delivery of a large order of F-16s (partially built locally) from October 1987 on. As of December 31, 1989, 41 F-16C/Ds had been delivered.

## **NON-ALIGNED EUROPEAN COUNTRIES**

### **REPUBLIC OF AUSTRIA**

#### **AUSTRIAN ARMY**

Equipment holdings come from IISS' 1990-1991 Military Balance and reflect holdings as of early 1990. I suspect that the Austrian reserve system was vastly more complicated (and larger) than the data reflected here. Any information would be appreciated.

1. 1<sup>st</sup> Austrian Army: Standing Alert force

a. 1<sup>st</sup> Panzer Grenadier Division:

1) 3<sup>rd</sup> Panzer Grenadier Brigade:

- a) 10th Panzer Battalion: 40 M60A3, 14 Saurer IFV, 2 81mm mortars, 9 Rifle Squads
- b) 9th Panzer Grenadier Battalion: 13 M60A3, 44 Saurer IFV, 6 81mm mortars, 6 120mm mortars, 27 Rifle Squads
- c) 3rd Artillery Battalion: 18 M109A2
- d) 1 Anti-Tank Battalion: 40 Kurassier tank destroyers
- e) 1 Anti-Aircraft Battalion: 18 35mm towed twin AA

2) 4th Panzer Grenadier Brigade:

- a) 14<sup>th</sup> Panzer Battalion: 40 M60A3, 14 Saurer IFV, 2 81mm mortars, 9 Rifle Squads
- b) 13<sup>th</sup> Panzer Grenadier Battalion: 13 M60A3, 44 Saurer IFV, 6 81mm mortars, 6 120mm mortars, 27 Rifle Squads
- c) 4<sup>th</sup> Artillery Battalion: 18 M109A2
- d) 1 Anti-Tank Battalion: 40 Kurassier tank destroyers
- e) 1 Anti-Aircraft Battalion: 18 35mm towed twin AA

3) 9th Panzer Grenadier Brigade:

- a) 33<sup>rd</sup> Panzer Battalion: 40 M60A3, 14 Saurer IFV, 2 81mm mortars, 9 Rifle Squads
- b) 35<sup>th</sup> Panzer Grenadier Battalion: 13 M60A3, 44 Saurer IFV, 6 81mm mortars, 6 120mm mortars, 27 Rifle Squads
- c) 9<sup>th</sup> Artillery Battalion: 18 M109A2
- d) 1 Anti-Tank Battalion: 40 Kurassier tank destroyers
- e) 1 Anti-Aircraft Battalion: 18 35mm towed twin AA

b. 1 Recon Battalion:

c. 1 Airmobile Battalion:

d. 2 Mountain Infantry Battalions:

e. 1 Guards Infantry Battalion:

f. 1 Anti-Aircraft Battalion:

g. 1 Engineer Battalion:

2. 1<sup>st</sup> Austrian Corps:

a. 4 Infantry Brigades (Reserve): 3 Infantry, 1 Artillery, 1 Anti-Tank Battalion each

b. 1 Artillery Battalion:

c. 1 Anti-Tank Battalion:

d. 1 Anti-Aircraft Battalion:

e. 1 Engineer Battalion (Reserve):

3. 2<sup>nd</sup> Austrian Corps:

a. 4 Infantry Brigades (Reserve): 3 Infantry, 1 Artillery, 1 Anti-Tank Battalion each

b. 1 Artillery Battalion:

c. 1 Anti-Tank Battalion:

d. 1 Anti-Aircraft Battalion:

e. 1 Engineer Battalion (Reserve):

Note 1: Names of specific units taken from Richard Morati's 1990-98 Austrian OOB. Unit composition has not been changed, as Morati's data is from a bit later than the time period covered in this document.

Note 2: Austrian Equipment Holdings: 170 M60A3, 284 Kuerassier 105mm SPAT, 460 Saurer 4k4, 108 M2A1 105mm Howitzers, 24 M114 155mm Howitzers, 55 M109A2 155mm SP Howitzers, 18 M-51 128mm MRL, 240 M-52/-54 85mm AT Guns, 500 20mm AA guns, 74 GDF-002 twin 35mm AA guns, 38 M-42 Duster twin 40mm SPAA, numerous tank turrets mounted in fortresses.

## **AUSTRIAN AIR FORCE**

1. Fliegerregiment I - Tulln:
  - a. No. 1 Hubschrauberstaffel: 12 AB212
  - b. No. 2 Hubschrauberstaffel: 11 AB206A
  - c. No. 3 Hubschrauberstaffel: 12 OH58B
  - d. No. 4 Flächenstaffel: 16 L19
2. Fliegerregiment II - Zeltweg:
  - a. Überwachungsgeschwader:
    - 1) No. 1 Staffel: 12 J35Oe
    - 2) No. 2 Staffel: 12 J35Oe
  - b. Hubschraubergeschwader II:
    - 1) No. 1 Hubschrauberstaffel: 12 Alouette III
    - 2) No. 2 Hubschrauberstaffel: 14 Alouette III
3. Fliegerregiment III - Linz:
  - a. AES/D: 30 Saab 105 (Light Attack)
  - b. No. 1 Hubschrauberstaffel: 12 AB212
  - c. No. 2 Hubschrauberstaffel: 14 AB204
4. Air Defense Assets
  - a. 3 Battalions, each: 12 20mm AA guns
  - b. 1 Battalion: 18 twin 35mm AA guns, radar controlled

## **Finland**

### **Finnish Army (Maavoimat)**

An estimated 95 percent-plus of Finland's eligible male population served in the Finnish defense forces, giving them a vast manpower pool despite their limited population base.

- 1.) Peacetime Organization: 30,000 troops, 22,300 of them conscripts
  - a.) Armored Brigade - Parola:
  - b.) Pohjoan Brigade – Oulu: Two infantry battalions, one artillery battalion w/AD, How bttry, Engineer co, Mobilisation Infantry Bn
  - c.) Jaeger Brigade - :
  - d.) Kainuun Brigade – Kajaani:
  - e.) Porin Brigade - Sakyla:
  - f.) Savon Brigade - Mikkeli:
  - g.) Karjalahn Brigade - Kouvola:
  - h.) Nylands Brigade – Dragsvik:
  - i.) Guards Jaeger Regiment - Helsinki:
  - j.) Five Light Infantry Battalions:
    1. Hame
    2. Pojois-Karjala
    3. Kymi
    4. Nyland
    5. Lappi
- 2.) Wartime Organization:
  - a.) Upon mobilization, approximately 130,000 reservists would man 10-15 brigades, mainly Infantry “Brigade 80” units, but one or two “Brigade 90” units.
  - b.) An estimated 260 battalions of local defense troops, mainly composed of lightly armed older reservists, would also be available.
- 3.) Heavy Equipment Holdings, estimated: 50 T-72s, 100 T-54/55s, 15 PT-76, 30 BMP-1, 90 BTR-50P, 60 BTR-60P, 59 A-180 Pasi APCs, 70 105mm Howitzers, 170 M-54 130mm Field Guns, 24 M-38 152mm Howitzers, 12 M-74 155mm Howitzers, some Soviet-made 122mm Howitzers, some German WWII M40 150mm Howitzers, 800 81mm Mortars, 550 M-43 120mm Mortars, 24 AT-4 Spigot, 12 I-TOW, 100 SM-55-61 95mm RRifle

### **Finnish Air Force (Ilmavoimat)**

- 1.) Headquarters – Tikkakoski, central Finland.
- 2.) Three Air Defense Sectors:
  - a.) Lapland Wing - near Rovaniemi, responsible for N Finland: 18 Saab J-35 Drakens
  - b.) Satakunta Wing – Tampere-Pirkkala, responsible for SW Finland: 12 Saab J-35 Drakens
  - c.) Karelian Wing -- Kuopio-Rissala, responsible for SE Finland: 30 Mig-21bis plus several Hawks in recon role
- 3.) Transport Wing – Kouvola-Utti: 3 Fokker F-27, 6 Mi-8 helos
- 4.) Training Wing – Kauhava: 39 Hawk Mk. 51s, 30 L-70 Vinkas
- 5.) Total Aircraft holdings as of 1988: 41 SAAB J-35 Drakens, 4 SK-35C Draken trainers, 30 Mig-21bis, 4 Mig-21UM trainers, 39 Hawk Mk. 51s, 8 Hawk Mk. 51s configured for recon, 30 L-70 Vinkas, 3 F-27s, 6 Mi-8, 2 MD-500, 5 CM-170 Magisters

# **Republic Of Ireland**

## **Irish Army**

Information is from the surprisingly detailed entry in World Armies Today, IISS' Military Balance, and several web pages, including the official Irish Forces web site.

FCA is Forsa Cosanta Aitiuil, the local defense forces.

1. Southern Command
  - a. 1<sup>st</sup> Brigade – Cork:
    1. 2 Infantry Bns, each: 2 Rifle Cos, Support Co.
    2. 1 Cavalry Recon Squadron
    3. 1 Field Artillery Regt
    4. 1 Engineer Co
  - b. FCA Group, Southern Command – Cork:
    1. 6 Infantry Battalions
    2. 1 Motorised Reconnaissance Squadron
    3. 2 Field Artillery Regiments
    4. 2 Air Defence Batteries
    5. 1 Field Engineer Company
2. Eastern Command
  - a. 2<sup>nd</sup> Brigade – Dublin:
    1. 2 Infantry Bns, each: 2 Rifle Cos, Support Co.
    2. 1 Cavalry Recon Squadron
    3. 1 Field Artillery Regt
    4. 1 Engineer Co
  - b. Eastern Command Infantry Force – Gormanston: 2 Infantry Bns
  - c. FCA Group, Eastern Command – Dublin:
    1. 4 Infantry Battalions
    2. 1 Motorised Reconnaissance Squadron
    3. 1 Field Artillery Regiment
    4. 1 Air Defence Battery
    5. 1 Field Engineer Company
3. Western Command
  - a. 4<sup>th</sup> Brigade – Athlone:
    1. 2 Infantry Bns, each: 2 Rifle Cos, Support Co.
    2. 1 Cavalry Recon Squadron
    3. 1 Field Artillery Regt
    4. 1 Engineer Co
  - b. 28<sup>th</sup> Infantry Battalion (Reinforced) – Finner Camp, Bundoran:
  - c. FCA Group, Western Command – Athlone:
    1. 6 Infantry Battalions
    2. 1 Motorised Reconnaissance Squadron
    3. 2 Field Artillery Regiments
    4. 1 Field Engineer Company
4. Curragh Command
  - a. 6<sup>th</sup> Brigade – Curragh Camp, County Kildare:
    1. 2 Infantry Battalions, each: 2 Rifle Cos, Support Co.
    2. 1 Armored Recon Squadron
    3. 1 Field Artillery Battery
  - b. Army Ranger Unit – Curragh Camp:
  - c. 1<sup>st</sup> Tank Squadron – Curragh Camp: 14 CVR(T) Scorpions
  - d. 1<sup>st</sup> Air Defense Regiment – Curragh Camp: 1 Regular, 3 FCA Air Defense Batteries
  - e. FCA Group Curragh Command – Curragh:



1. 2 Infantry Battalions
  2. 1 Field Artillery Regiment
5. Forces Assigned To UN Duties:
- a. UNIFIL Infantry Bn – Lebanon: Formed from elements of other units, includes 4 AML-90, 10 Sisu APC, 4 120mm Mortars.

Note 1: One of the Brigades has a third infantry battalion.

Note 2: Equipment holdings as of early 1990: 14 Scorpion, 19 AML-90, 32 AML-60, 60 Panhard VTT (Janes says 47), 10 Timoney APCs, 48 25pdr Field Guns, 12 105mm Light Guns, 400 81mm mortars, 72 120mm mortars, 21 MILAN launchers, 444 84mm Carl Gustav's, 96 90mm PV-1110 RR (Finnish?), 24 Bofors 40L60 AA Guns, 2 40L70, 7 RBS-70 SAMs

## **Irish Air Corps**

1. COIN Squadron: 6 CM-170-2 Super Magister
2. COIN/Training Squadron: 7 SF-260WE, 1 SF-260 MC, 2 SA-342L helos
3. Army Support Squadron: 8 SA-316B Helos
4. Other aircraft: 5 SA-365 in SAR, Naval roles, 7 F-172s in Liason role, 1 HS-125, 1 Super King Air 200

# Sweden

## Swedish Army

From Bengt Larsson's OOB & TOE

[http://www.tdg.nu/swedish\\_armed\\_forces/oob\\_swe\\_1989-91.htm](http://www.tdg.nu/swedish_armed_forces/oob_swe_1989-91.htm)

1. Military Area Upper Norrland (Milo ÖN)(Boden)
  - a.) 15. Division
    1. Divisional Tank Battalion
    2. Divisional Tank BattalionArtillery Regiment 8 (AR8):
    - 2 battalions: 12 155mm M/39B Howitzer each
    - 3 divisional SP artillery battalions: total of 24 Bandkanons
  - b.) Norrlands Brigad 19 (NB19): Type 85 arctic brigade
  - c.) Norrlands Brigad 35 (NB35): Type 85 arctic brigade
2. Military Area Lower Norrland (Milo NN)(Östersund)
  - a.) 12. Division  
Artillery Regiment 24 (AR24):
    - 2 battalions: 12 155mm M/39 Howitzer each
  - b.) Norrlands Brigad 13 (NB13) - Falun: Type 85 arctic brigade
  - c.) Norrlands Brigad 35 (NB35) - Östersund: Type 85 arctic brigade
  - d.) Norrlands Brigad 51 (NB51) - Sollefteå: Type 85 arctic brigade
  - e.) Infanteri Brigad 21 (IB21) – Sollefteå: Type 66M infantry brigade
3. The Middle Military Area (Milo M)(Strängnäs)
  - a.) 4. Division – Strängnäs:  
Artillery Regiment 9 (AR9):
    - 2 battalions: 12 155mm M/F Howitzer each
  - b.) 14. Division – Linköping:  
Artillery Regiment 1 (AR1):
    - 2 battalions: 12 155mm M/F Howitzer each
    - 2 battalions: 12 155mm M/39B Howitzer each
  - c.) Mekaniserad brigad 10 (MekB10) – Härad: Type 85 mech brigade
  - d.) Infanteri Brigad 2 (IB2) – Karlstad: Type 77 infantry brigade
  - e.) Infanteri Brigad 3 (IB3) – Kumla: Type 66M infantry brigade
  - f.) Infanteri Brigad 4 (IB4) – Linköping: Type 77 infantry brigade
  - g.) Infanteri Brigad 14 (IB14) – Valbo: Type 77 infantry brigade
  - h.) Infanteri Brigad 33 (IB33) – Örebro: Type 77 infantry brigade
  - i.) Infanteri Brigad 38 (IB38) – Alunda: Type 77 infantry brigade
  - j.) Infanteri Brigad 43 (IB43) – Falun: Type 66M infantry brigade
  - k.) Infanteri Brigad 44 (IB44) – Gävle: Type 66M infantry brigade
4. The Gotland Military Command (joint) (Visby)
  - a.) Pansar brigad 18 (PB18) - Visby: Type G armoured brigade
  - b.) Artillery Regiment 7 (AR7):
    - 1 battalion: 12 155mm M/40-41 Howitzers
5. The southern Military area (Milo S) (Kristianstad)
  - a.) 11. Division - Kristianstad  
Artillery Regiment 23 (AR23):
    - 2 battalions: 12 155mm M/39B Howitzer each
  - b.) 13. Division - Hässleholm  
Artillery Regiment 3 (AR3):
    - 2 battalions: 12 155mm M/F Howitzer each
  - c.) Pansar brigad 7 (PB7) - Ystad: Typ 63M armoured brigade
  - d.) Pansar brigad 8 (PB8) - Hässleholm: Typ 63M armoured brigade
  - e.) Pansar brigad 26 (PB26) - Kristianstad: Typ 63M armoured brigade

- f.) Infanteri Brigad 11 (IB11) – Lekaryd: Type 66M infantry brigade
  - g.) Infanteri Brigad 12 (IB12) – Vaxjö: Type 66M infantry brigade
  - h.) Infanteri Brigad 41 (IB41) – Kosta: Type 77 infantry brigade
  - i.) Infanteri Brigad 42 (IB42) – Emmaboda: Type 77 infantry brigade
6. The Western Military Area (Milo V) (Skövde)
- a.) 1.Division – Halmstad:  
Artillery Regiment 22 (AR22):  
2 battalions: 12 155mm M/F Howitzer each
  - b.) 3. Division – Skövde:  
Artillery Regiment 2 (AR2):  
3 battalions: 12 155mm M/F Howitzer each
  - c.) Pansar brigad 9 (PB9) - Skövde: Typ 63M armoured brigade
  - d.) Infanteri Brigad 15 (IB15) – Borås: Type 66M infantry brigade
  - e.) Infanteri Brigad 17 (IB17) – Uddevalla: Type 77 infantry brigade
  - f.) Infanteri Brigad 45 (IB45) – Borås: Type 77 infantry brigade
  - g.) Infanteri Brigad 46 (IB46) – Halmstad: Type 77 infantry brigade
  - h.) Infanteri Brigad 47 (IB472) – Uddevalla: Type 66M infantry brigade
7. In addition to any divisional units listed above, the following were also parceled out to the divisions:
- a.) 5 Mekaniserade bataljoner (mechanized battalions)
  - b.) 10-12 Skyttebataljoner F (divisional infantry battalions)
  - c.) 16 Jägarbataljoner (jaeger infantry battalions) including parachute and arctic battalions
  - d.) 2 Luftvärnsbataljoner Typ 77 (air defense battalions type 77)
  - e.) 10 Luftvärnsbataljoner Typ 70 (air defense battalions type 70): 27 RB70 each
  - f.) 14 Luftvärnsbataljoner Typ 48 (air defense battalions type 48): 18 40mm Bofors AA each
  - g.) 2 Arméflygbataljoner (army aviation battalions)
  - h.) 13 Underhållsbataljoner (supply battalions)
  - i.) 19 Ingenjörbataljoner (divisional engineer battalions)

Note 1: Brigades were not permanently assigned to any particular division, although each division generally controlled 2-4.

#### **Unit TO&Es**

Type 63 Armored Brigade

2 HQ companies

1 Armored Recon Company: 6 Pbv302, 12 Jeeps, 2 KSP M/36 w/twin AAMG, 4 9cm RR, 2 Rifle Squads, 12 Recon Teams

3 Armored Battalions: 24 tanks, 28 Pbv302, 24 Rifle Squads, 4 KSP M/36 w/twin AAMG, 8 9cm RR, 4 10.5cm Howitzers M/40 each

2 Anti-Tank Companies:

## **Swedish Air Force**

- 1. Upper Norrland Military Area
  - a.) 211. Recce Squadron: SF/SH 37
  - b.) 212. Fighter Squadron: JA37 Viggen
  - c.) 213. Fighter Squadron: JA37 Viggen
- 2. Lower Norrland Military Area
  - a.) 41. Fighter Squadron: JA37 Viggen
  - b.) 42. Fighter Squadron: JA37 Viggen
- 3. Middle Military Area
  - a.) 131. Fighter Sqn - Norrköping: JA 37
  - b.) 132. Recce Sqn - Norrköping: SF/SH 37
  - c.) 161. Fighter Sqn: JA 37 Viggen
  - d.) 162. Fighter Sqn: JA 37 Viggen

4. Southern Military Area

- a.) 101. Fighter Sqn: J35J Draken
- b.) 102. Fighter Sqn: J35J Draken
- c.) 103. Fighter Sqn: J35J Draken
- d.) 171. Fighter Sqn – Ronneby: JA 37 Viggen
- e.) 172. Fighter Sqn – Ronneby: JA 37 Viggen

5. Western Military Area

1st Air Attack group (1.Attackeskadern) - Göteborg

- a.) 61. Attack Sqn - Karlsborg: AJ 37 Viggen
- b.) 62. Attack Sqn - Karlsborg: AJ 37 Viggen
- c.) 71. Attack Sqn - Såtenäs: AJ 37 Viggen
- d.) 72. Attack Sqn - Såtenäs: AJ 37 Viggen
- e.) 151. Attack Sqn -Söderhamn: AJ 37 Viggen
- f.) 152. Attack Sqn -Söderhamn: AJ 37 Viggen

6. General Reserve:

- a.) 4 x light attack sqns (Lätta attackdivisioner): SK 60B (Saab 105)
- b.) 3 x recce sqns (Spaningsdivisioner): SF/SH 37
- c.) 5 x recce flights (Spaningsflyggrupper): SK 60A/C (Saab 105)

**Note 1:** Squadrons contained 8 aircraft, 16 pilots, and 6-10 aircraft in storage

# Switzerland

## Swiss Army

1. 1st Army Corps
  - a. 1st Mechanized Division
    - 1.) 13th Mechanized Rgt: M113
    - 2.) 2nd Armored Rgt. Pz68
    - 3.) 1st Armored Rgt. Pz68
    - 4.) 1st Artillery Rgt. M-109
  - b. 2nd Field Division
    - 1.) 2nd Infantry Regiment
    - 2.) 8th Infantry Regiment
    - 3.) 9th Infantry Regiment
    - 4.) 2nd Artillery Regiment
  - c. 3rd Field Division
    - 1.) 13th Infantry Regiment
    - 2.) 15th Infantry Regiment
    - 3.) 16th Infantry Regiment
    - 4.) 3rd Artillery Regiment
  - d. 1st Territorial Zone
    - 1.) Territorial Regiment 14
    - 2.) Territorial Regiment 15
    - 3.) Territorial Regiment 16
    - 4.) Territorial Regiment 17
    - 5.) Territorial Regiment 18
    - 6.) Territorial Regiment 19
  - e. 14th Infantry Regiment?
  - f. 4th Cyclist Regiment
  - g. 1st Engineer Regiment
    - 1.) Bridging battalion
    - 2.) Mining battalion
  - h. 1st Signals battalion
  - i. 1st Medical battalion
  - j. 1st Supply and transport battalion
  - k. 1st traffic control battalion
  - l. Helicopter squadron
  - m. Light aircraft flight
  - n. 3 Border Brigades
  - o. 2 AD Bns: 20 & 35 mm AA guns
2. 2nd Army Corps
  - a. 4th Mechanised Division (TO&E as above)
    - 1.) 14th Mechanized Rgt
    - 2.) 3rd Armored Rgt.
    - 3.) 4th Armored Rgt.
    - 4.) 4th Artillery Rgt. M-109
  - b. 5th Field Division
    - 1.) Infantry Regiment 22
    - 2.) Infantry Regiment 23
    - 3.) Infantry Regiment 24

- 4.) Artillery Regiment 5
- c. 8th Field Division
  - 1.) Infantry Regiment 11
  - 2.) Infantry Regiment 19
  - 3.) Infantry Regiment 21
  - 4.) Artillery Regiment 8
- d. 2nd Territorial Zone
  - 1.) Territorial Regiment 20
  - 2.) Territorial Regiment 21
  - 3.) City Command 211
  - 4.) Territorial Regiment 22
  - 5.) Territorial Regiment 23
- e. ? Infantry Regiment
- f. 5th Cyclist Regiment
- g. 2nd Engineer Regiment
  - 1.) Bridging battalion
  - 2.) Mining battalion
- h. 2nd Signals battalion
- i. 2nd Medical battalion
- j. 2nd Supply and transport battalion
- k. 2nd traffic control battalion
- l. Helicopter squadron
- m. Light aircraft flight
- n. 3 Border Brigades
- o. 2 AD Bns: 20 & 35 mm AA guns
- 3. 3rd Alpine Army Corps
  - a. 9th Mountain Division
    - 1.) Mountain Infantry Regiment 29
    - 2.) Mountain Infantry Regiment 30
    - 3.) Artillery Regiment 9
  - b. 10th Mountain Division
    - 1.) Mountain Infantry Regiment 5
    - 2.) Mountain Infantry Regiment 6
    - 3.) Artillery Regiment 10
  - c. 12th Mountain Division
    - 1.) Mountain Infantry Regiment 12
    - 2.) Mountain Infantry Regiment 36
    - 3.) Artillery Regiment 12
    - 4.) 17th Mountain Infantry Regiment
  - d. 37th Mountain Infantry Regiment
  - e. 3rd Engineer Regiment
  - f. Cable car battalion
  - g. 3rd Signals battalion
  - h. 3rd Medical battalion
  - i. 3rd Supply and transport battalion
  - j. 3rd traffic control battalion
  - k. Helicopter squadron
  - l. Light aircraft flight
  - m. Fortress Brigade 10
    - 1.) Mountain Infantry Regiment 7
  - n. Fortress Brigade 13
    - 1.) Mountain Infantry Regiment 35

- o. Fortress Brigade 23
    - 1.) Mountain Infantry Regiment 18
  - p. Territorial Zone 9
    - 1.) Territorial Regiment 91
    - 2.) Territorial Regiment 92
    - 3.) Territorial Regiment 93
    - 4.) Territorial Regiment 94
    - 5.) Territorial Regiment 95
    - 6.) Territorial Regiment 96
  - q. Territorial Zone 10
    - 1.) Territorial Regiment 10
    - 2.) Territorial Zone 12
    - 3.) Territorial Regiment 12
  - r. 3 Redoubt Brigades
  - s. 2 Border Brigades
4. 4th Army Corps
- a. 11th Mechanised Division
    - 1.) 11th Mechanized Rgt: M113
    - 2.) 12th Armored Rgt.
    - 3.) 11th Armored Rgt.
    - 4.) 11th Artillery Rgt. M-109
  - b. 6th Field Division
  - c. 7th Field Division
  - d. Territorial Zone 4
    - 1.) Territorial Regiment 41
    - 2.) Territorial Regiment 42
    - 3.) Territorial Regiment 43
    - 4.) Territorial Regiment 44
    - 5.) Territorial Regiment 45
  - e. ? Infantry Regiment
  - f. 6th Cyclist Regiment
  - g. 4th Engineer Regiment
    - 1.) bridging battalion
    - 2.) mining battalion
  - h. 4th Signals battalion
  - i. 4th Medical battalion
  - j. 4th Supply and transport battalion
  - k. 4th traffic control battalion
  - l. helicopter squadron
  - m. light aircraft flight
  - n. 3 Border Brigades
  - o. Cyclist Regiment
  - p. 2 AD Bns: 20 & 35 mm AA guns

## Swiss Air Force (Schweizer Luftwaffe)

I owe a debt of gratitude to John Heard at the Swiss Air Force unofficial site (<http://www.saf21.info/homepage/home.htm>), who was extremely helpful in correcting and updating the error-filled earlier version I had of this listing. His dedication to the subject and knowledge of it is impressive, and he went out of his way to help me out after I contacted him.

1. Flugwaffenbrigade 31 Überwachungsgeschwader (surveillance wing) -- Dubendorf
  - a.) Fliegerstaffel 1 – Turtmann: F-5E (converted 1983)
  - b.) Fliegerstaffel 10 – Sion: Mirage IIIRS
  - c.) Fliegerstaffel 11 – Alpnach: F-5E (converted 1979)
  - d.) Fliegerstaffel 16 – Mirage IIIS
  - e.) Fliegerstaffel 17 – Mirage IIIS (converted to F-18 1995)
2. Miliz (Militia) Squadrons
  - a.) Fliegerstaffel 6 – F-5E (replaced Venoms in mid-1980s)
  - b.) Fliegerstaffel 8 – F-5E (converted from Hunter in 1981)
  - c.) Fliegerstaffel 13 – F-5E (replaced Venoms in mid-1980s)
  - d.) Fliegerstaffel 18 – F-5E (converted 1979, might be regulars)
  - e.) Fliegerstaffel 19 – F-5E (converted from Hunter in 1981)
  - f.) Flieger Abteilung 10 – 16 Mirage IIIRS
3. Miliz Fighter/Ground Attack Squadrons
  - a.) Fliegerstaffel 2 – Hunter
  - b.) Fliegerstaffel 3 – Hunter
  - c.) Fliegerstaffel 4 – Hunter
  - d.) Fliegerstaffel 5 – Hunter
  - e.) Fliegerstaffel 7 – Hunter
  - f.) Fliegerstaffel 15 – Hunter
  - g.) Fliegerstaffel 21 – Hunter
  - h.) Fliegerstaffel 24 – Hunter T.68 trainers (may be electronic warfare)
  - i.) Hunter Gruppe – Hunter F.58/F.58A/T.68 (provides training for Miliz)
4. Helicopter Units: controlled by the Überwachungsgeschwader.
  - a) Leicht FliegerStaffel 1: Alouette II/III, assigned to 1<sup>st</sup> Army corps
  - b) Leicht FliegerStaffel 2: Alouette II/III, assigned to 2<sup>nd</sup> Army corps
  - c) Leicht FliegerStaffel 3: Alouette II/III, assigned to 3<sup>rd</sup> Army corps
  - d) Leicht FliegerStaffel 4: Alouette II/III, assigned to 4<sup>th</sup> Army corps
  - e) Leicht FliegerStaffel 5: Alouette II/III, assigned to Flugwaffe
  - f) Leicht FliegerStaffel 6: Alouette II/III, assigned to Flugwaffe
  - g) Leicht FliegerStaffel 7: 2 Dornier Do27, 12 PC-6
  - h) Leicht FliegerStaffel 8: Alouette II/III, assigned to Flugwaffe
5. Other Flying Units: controlled by the Überwachungsgeschwader
  - a) Transportfliegerkorps: Learjets and Twin Bonanzas
  - b) Zielfliegerkorps (aerial targets training): Vampire FB.6
  - c) Gruppe für Rustungsdienste – Emmen: Experiment Squadron
6. Anti-Aircraft Units
  - a) 19 Battalions operating 20mm guns
  - b) 18 Battalions operation 35mm guns with Skyguard aiming system
  - c) Fliegerabwehrbrigade 33: 64 Bloodhound launchers

**Note 1: The militia.** The Miliz Staffeln do not have fixed home bases as such, but instead have a wartime assigned base where they normally conduct their annual three-week course. The crews are part time and come from all over the country; other exercises could take place at a number of other bases.

**Note 3: Squadron Strength:** Each Fliegerstaffel nominally contains 12 aircraft plus reserves, although given the actual number of available aircraft, there is likely some variation.

**Note 3: Aircraft Inventory.** According to an Aviation News piece on the Swiss Air Force from Oct/Nov 89, Inventory at that time consisted of:  
30 Mirage IIIS



16 Mirage IIIRS  
4 Mirage IIBS  
2 Mirage IIIDS  
1 Mirage IIICS  
90 F-5E  
12 F-5F  
130 Hunter Mk. 58/Mk. 58A (40 configured to launch Maverick)  
7 Hunter Mk. 68 (trainers)  
70+ Vampire FB.6  
36 Vampire T.55 (30 in training role, 6 in recon, testing or EW)  
78 Alouette III  
21 Alouette II  
3 AS.332 Super Puma  
20 Bae Hawks (deliveries beginning late 1989)