(a) The Spanish Army had no permanent Corps structure, though following Spain's accession to NATO in 1982, was fully expected to form at least one Corps to support NATO in AFCENT or AFSOUTH. The most likely scenario was to send a 'Mountain' Corps to Italy, Greece or Turkey, while sending the 1st 'Brunete' Armoured Division (or possibly a full mechanised Corps) to the Rhine. Unlike most other NATO nations, which were expanding their armies during the 1980s in response to the Soviet threat, the Spanish Army was in a near-constant state of downsizing and reorganisation, going from 280,000 in the early 1980s to 240,000 by 1987 and 195,000 by 1991. Consequently, the 13th Armoured Brigade (one of two originally in 1st Armoured Division) and the 2nd Armoured Cavalry Brigade were disbanded very early in the 1980s, with the nine Territorial Brigades also being disbanded by 1985.

(b) The 13th Armoured Brigade was disbanded very early in the 1980s, leaving the division with only two brigades: 11th Mechanised Brigade and 12th Armoured Brigade (the latter being Spain's only remaining Armoured Brigade).

(c) The 42nd Mountain Brigade was designated as 'Alpine' due to a higher proportion of the troops (one company per battalion) being trained and equipped for skiing and advanced mountaineering.

(d) In the late 1980s, the 52nd Mountain Brigade was in the process of reorganising to a Motorised Brigade (BG CWSP-07). However, this reorganisation was not completed before the end of the decade.

(e) The two Cavalry Brigades were Corps/Army-level formation reconnaissance units. However, only the 1st Cavalry Brigade was in existence throughout the 1980s; the 2nd Cavalry Brigade was disbanded in the early 1980s and reformed right at the end of the decade, only becoming fully activated in 1991.

(f) Early 1980s: Delete x1 Artillery Brigade.
(Continued from previous page)

(a) Information on the Reserve Mountain Division is scant, suffice to say that it was first reduced to a single Brigade and was then disbanded during the 1980s reorganisations.

(b) At the start of the 1980s, the Spanish Territorial Army in mainland Spain was split into x9 Military Regions. These Regions each had single permanently-established Territorial Infantry Brigade, whose primary mission was the maintenance of internal security, defence of the borders and providing support to the Guardia Civil in times of civil unrest. Two of the nine Territorial Infantry Brigades were organised as Motorised Brigades. The Military Regions would also raise new units and formations during any build-up to war. However, these Franco-era throwbacks were viewed with much suspicion by democratic governments (particularly following the attempted coup of 1981) and were placed firmly on the chopping-block during the 1980s reorganisation. All nine Territorial Infantry Brigades were disbanded by 1985 and the number of Military Regions was reduced to six.

(c) While the 1st, 2nd and 3rd Tercios of the Spanish Foreign Legion were organised as motorised light infantry units under the command of the North African and Canary Island garrisons, the 4th Tercio was based in mainland Spain and was organised and trained for airmobile and special operations. Note that from 1988, the Legion was re-named as the 'Spanish Legion' and the recruitment of foreign personnel was banned.

(d) These Special Operations Groups were trained in long-range reconnaissance techniques in support of conventional military operations, but were also tasked with counter-insurgency and support for the Guardia Civil on internal security missions. In the late 1980s, one group was assigned to each of the six Military Regions, while the independent companies were assigned to the Tenerife, Las Palmas and Mallorca Commands. As I can find no information on these units during the early 1980s, it’s my conjecture that these were created to replace the nine former Territorial Infantry Brigades in the internal security role.

(e) The Tercio de Armada was controlled by the Spanish Navy.

(f) The 6th Helicopter Battalion on Tenerife was significantly weaker than normal, with only x3 Light Observation Helicopters and x3 Utility Helicopters.

(g) These helicopters belonged to the Army Aviation Training Squadron and Liaison/Communications Squadron.

(h) May replace Alouette II Light Observation Helicopter with: Alouette III Light Observation Helicopter CWSP-57 Or from the early 1980s with: Bo-105M LOH Light Observation Helicopter CWSP-58
(a) The Spanish Army had only 1 Armoured Division, (1st ‘Brunete’ Armoured Division). Following Spain’s accession to NATO in 1982, the 1st Armoured Division’s most likely wartime task would be to race north through France, to reinforce CENTAG (or perhaps a new, French-led SOUTHAG) in West Germany. The division might then have been joined by other Spanish formations to become a full Spanish Corps. However, no exercises were ever held to test this concept, though it remains an interesting ‘what-if’.

(b) The 11th Mechanised and 12th Armoured Brigades were equipped with AMX-30E tanks, while 13th Armoured Brigade had M48A3. However, the 13th Armoured Brigade was disbanded very early in the 1980s, leaving the division with only two brigades and 12th Armoured Brigade as Spain’s sole remaining Armoured Brigade.

(c) All I can find for the early 1980s organisation of the Armoured Cavalry Regiment is a rather cryptic outline organisation of ‘23 x M41 & 21 x M113’. I can’t fathom how this organisation worked, so until we find better information, use the Armoured Cavalry Regiment organisation as found in an Armoured Cavalry Brigade, which had the same equipment, though in slightly different quantities. In any case, from the mid-1980s: the divisional recce element was reorganised as a new-model Light Armoured Cavalry Regiment (BG CWSP-17).

(d) There is some difference of opinion regarding the equipping of the divisional engineer battalion. One source suggests that all three companies were truck-mounted by 1989. However, this might have been a mis-translation for wheeled engineer APCs such as the BMR-VCZ.

(e) Mid-1980s: The divisional Antiaircraft Battalion was reduced from 4 to 3 Antiaircraft Companies.

(f) Equipped with M109A1 SP 155mm howitzers. Mid-1980s: The number of SP Field Artillery Groups was reduced from 2 to 1 as they were required to replace obsolete artillery in other formations.

(g) Mid-1980s: Delete the Heavy Artillery Battery.
(a) The Spanish Army had only 1 Mechanised Division, (3rd 'Maestrazgo' Mechanised Division). It’s projected role in a war against the Warsaw Pact is unclear, though it may have formed part of a Spanish Corps to reinforce NATO’s AFCENT in Germany or AFOUTH on the Mediterranean.

(b) The constituent brigades of the 3rd Mechanised Division were the 31st & 32nd Mechanised Brigades. Both brigades were equipped with M113 armoured personnel carriers and M47E tanks. Both brigades received AMX-30E tanks during the early 1980s and may also have received BMR armoured personnel carriers (and variants thereof) in the late 1980s.

(c) I am unable to discover the divisional cavalry regiment organisation for the early 1980s, though it probably resembled the Armoured Cavalry Regiment organisation (BG CWSP-18). In any case, from the mid-1980s: the divisional recce element was reorganised as a new-model Light Armoured Cavalry Regiment (BG CWSP-17).

(d) There is some difference of opinion regarding the equipping of the divisional engineer battalion. One source suggests that all three companies were truck-mounted by 1989. However, this might have been a mis-translation for wheeled engineer APCs such as the BMR-VCZ.

(e) Mid-1980s: The divisional Antiaircraft Battalion was reduced from 4 to 3 Antiaircraft Companies.

(f) Initially equipped with M44 SP 155mm howitzers, the SP Artillery Group was re-equipped during the 1980s by M109A1 SP 155mm howitzers.

(g) Mid-1980s: Delete the Heavy Artillery Battery.
(a) The Spanish Army had only \( x_1 \) Motorised Division, (2nd 'Guzman el Bueno' Motorised Division). It's projected role in a war against the Warsaw Pact is unclear, though it may have formed part of a Spanish Corps to reinforce NATO’s AFCENT in Germany or AFSOUTH on the Mediterranean.

(b) The constituent brigades of the 2nd Motorised Division were the 21st Mechanised Brigade and the 22nd & 23rd Motorised Brigades. This was the only Spanish division to have three brigades after 1st Armoured Division lost its third brigade in the early 1980s. The 21st Mechanised Brigade was initially equipped with M113 armoured personnel carriers, though these were replaced by BMR armoured personnel carriers during the 1980s. Tanks were initially all M47E, but 21st Brigade re-equipped with M47E2, while 22nd & 23rd Brigades re-equipped with M48A5.

(c) I am unable to discover the divisional cavalry regiment organisation for the early 1980s, though it probably resembled the Armoured Cavalry Regiment organisation (BG CWSP-18). In any case, from the mid-1980s: the divisional recce element was reorganised as a new-model Light Armoured Cavalry Regiment (BG CWSP-17).

(d) The armoured element of the divisional engineer battalion probably re-equipped with the BMR-VCZ engineers’ APC in the late 1980s.

(e) Mid-1980s: The divisional Antiaircraft Battalion was reduced from \( x_4 \) to \( x_3 \) Antiaircraft Companies.

(f) Initially equipped with M44 SP 155mm howitzers, the SP Artillery Group was re-equipped during the 1980s by M109A1 SP 155mm howitzers.

(g) Mid-1980s: Delete the Heavy Artillery Battery.
BATTLEGROUP CWSP-04
Spanish Mountain Division 1980s (a)
(4th 'Urgell', 5th 'Navarra' & Reserve Mountain Divisions)

BATTLEGROUPS
BATTLEGROUP CWSP-08
x2 Mountain Brigade (b)

MANOEUVRE ELEMENTS
Alternative:
MANOEUVRE ELEMENT CWSP-16
x3 Combat Engineer Company

MANOEUVRE ELEMENT CWSP-18
x3 or x4 Antiaircraft Company (c)

FIRE SUPPORT ELEMENTS
FIRE SUPPORT ELEMENT CWSP-07
x2 Field Artillery Group

(a) The Spanish Army initially had x3 Mountain Divisions in the early 1980s, reducing to x2 during the decade, when the Reserve Mountain Division was disbanded. The Mountain Divisions’ projected role in a war against the Warsaw Pact is unclear, though it seems likely that they would have formed part of a Spanish Corps to support AFSOUTH in mountainous regions of Italy, Greece or Turkey.

(b) The constituent brigades of the 4th Mountain Division were the 41st & 42nd Mountain Brigades, while the 5th Mountain Division had the 51st & 52nd Mountain Brigades. A late-1980s reorganisation actually reorganised the 52nd Mountain Brigade as a Motorised Brigade, though this reorganisation does not appear to have taken place until 1991.

(c) Mid-1980s: The divisional Antiaircraft Battalion was reduced from x4 to x3 Antiaircraft Companies.

BATTLEGROUP CWSP-05
Spanish Armoured Brigade 1980s (ab)

HQ
x1 Command/Recce CWSP-39

Transport/Recce
x1 M577 Armoured Command Vehicle CWSP-24
x4 Forward Observer CWSP-45
x4 M113A1 Armoured Personnel Carrier CWSP-20

BATTLEGROUPS
BATTLEGROUP CWSP-19
x2 Armoured Battalion

BATTLEGROUP CWSP-22
x1 Mechanised Infantry Battalion

MANOEUVRE ELEMENTS
MANOEUVRE ELEMENT CWSP-15
x1 Armoured Combat Engineer Company

FIRE SUPPORT ELEMENTS
FIRE SUPPORT ELEMENT CWSP-01
x1 Self-Propelled Field Artillery Group

(a) Initially there were two Spanish Armoured Brigades (12th & 13th), both serving with 1st Armoured Division. 12th Armoured Brigade was equipped with AMX-30E tanks, while 13th Armoured Brigade had M48A3. However, 13th Armoured Brigade was disbanded in the early 1980s, leaving 12th Armoured Brigade as the sole Spanish Armoured Brigade.

(b) The Spanish Army also had a regimental structure in between Battalion and Brigade. However, this was purely administrative and in combat, battalions would be controlled directly by Brigade. The only exceptions to this rule were the Armoured Cavalry Regiments, Light Armoured Cavalry Regiments and Tercios of the Spanish Foreign Legion (later known as the ‘Spanish Legion’), who all had an additional layer of tactical control at the regimental level.
BATTLEGROUP CWSP-06
Spanish Mechanised Brigade 1980s (ab)

- **Command/Recce**
  - x1 Commander CWSP-39
  - Transport/Recce
  - x1 M577 Armoured Command Vehicle (c) CWSP-24
  - x4 Forward Air Controller/Recce CWSP-45
  - x4 M113A1 Armoured Personnel Carrier (c) CWSP-20

**BATTLEGROUPS**

- **BATTLEGROUP CWSP-19**
  - x1 Armoured Battalion

- **BATTLEGROUP CWSP-22**
  - x1 Mechanised Infantry Battalion (d)

- **BATTLEGROUP CWSP-23**
  - x2 Motorised Infantry Battalion (d)

**MANOEUVRE ELEMENTS**

- **MANOEUVRE ELEMENT CWSP-15**
  - x1 Armoured Combat Engineer Company (e)

- **MANOEUVRE ELEMENT CWSP-19**
  - x1 Mechanised Antitank Company

**FIRE SUPPORT ELEMENTS**

- **FIRE SUPPORT ELEMENT CWSP-03**
  - x1 Self-Propelled Light Artillery Group (f)

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(a) There were four Spanish Mechanised Brigades: 11th (1st Armoured Division), 21st (2nd Motorised Division), 31st and 32nd (3rd Mechanised Division). All were initially equipped with M113 variants, though 21st Brigade converted to the BMR series of wheeled vehicles during the mid 1980s and 31st & 32nd Brigades may have (partially?) followed suit in the late 1980s. 11th Brigade had AMX-30E tanks, while the others initially had M47E tanks, which were upgraded during the 1980s: 31st and 32nd Brigades also received AMX-30E in the early 1980s, while 21st Brigade received M47E2 tanks in the mid-1980s.

(b) The Spanish Army also had a regimental structure in between Battalion and Brigade. However, this was purely administrative and in combat, battalions would be controlled directly by Brigade.

(c) From mid-1980s: In 21st Mechanised Brigade (2nd Division) and possibly in the 31st & 32nd Mechanised Brigades (3rd Division), may replace transports with:
  - BMR-PC Armoured Command Vehicle CWSP-16

(d) Early 1980s: Delete x2 Motorised Infantry Battalion and add:
  - x2 Mechanised Infantry Battalion

(e) The brigade’s Armoured Combat Engineer Company was titled a ‘Battalion’. However, one source from the late 1980s states that 11th Mechanised Brigade (1st Armoured Division) was unusual in that it did indeed have a full Engineer Battalion of three companies (two of them armoured). May therefore increase to x2 Armoured Combat Engineer Company and x1 Combat Engineer Company (ME CWSP-16).

(f) Most Mechanised Brigades had an SP Light Artillery Group equipped with M108 SP 105mm howitzers. However, 11th Mechanised Brigade (1st Armoured Division) was equipped with a Self-Propelled Field Artillery Group (FSE CWSP-01) equipped with M109A1 SP 155mm howitzers. The 31st and 32nd Mechanised Brigades (3rd Division) might also have upgraded their artillery by 1989, though 21st Mechanised Brigade (2nd Division) was certainly still equipped with M108 at the end of the decade.
(a) There were four Spanish Motorised Brigades: 22nd & 23rd both served with 2nd Division, while two were independent, supporting Territorial Forces. However, the latter two Territorial Brigades were disbanded during the early 1980s.

(b) The Spanish Army also had a regimental structure in between Battalion and Brigade. However, this was purely administrative and in combat, battalions would be controlled directly by Brigade. The only exceptions to this rule were the Armoured Cavalry Regiments, Light Armoured Cavalry Regiments and Tercios of the Spanish Foreign Legion (later known as the 'Spanish Legion'), who all had an additional layer of tactical control at the regimental level.

(c) Mid-1980s: Replace the Light Artillery Group with a Field Artillery Group (FSE CWSP-07).

(d) The 42nd and 51st Mountain Infantry Brigades appear to have each only had 3 Battalions. It’s possible that the missing battalion was to have been added by calling up reservists during the build-up to war. Sadly, I have no detailed information on the composition of a Mountain Infantry Battalion, so the TO&E information for BG CWSP-24 is conjectural.
BATTLEGROUP CWSP-09
Spanish Territorial Brigade 1980s (ab)

Command/Recce
x1 Commander CWSP-39
Transport
x1 Land Rover (no MG) CWSP-34
Forward Air Controller/Recce
x1 Forward Observer CWSP-45
Transport
x1 Land Rover (no MG) CWSP-34

BATTLEGROUPS
BATTLEGROUP CWSP-25
x3 or x4 Territorial Infantry Battalion

MANOEUVRE ELEMENTS
x1 Antitank Company CWSP-20

FIRE SUPPORT ELEMENT CWSP-11
x1 Light Artillery Group

(a) There were nine Spanish Territorial Brigades during the early 1980s, though two of them were organised as Motorised Infantry Brigades (BG CWSP-07). All were disbanded at some point during the decade. I have absolutely no information on their organisation, so these TO&Es are entirely conjectural. However, I do know that Spain maintained enough stocks of M26 105mm howitzers to provide each brigade with an artillery component and enough 106mm recoiless rifles to give them all an Antitank Company, so I have included them here. Although I haven’t included them here, the Spanish Army also possessed enough AML-60 and AML-90 armoured cars to equip some 10-15 squadrons and it is possible that these were used to provide the Territorials with an armoured component (maybe one armoured car squadron per brigade?).

BATTLEGROUP CWSP-10
Spanish Cavalry Brigade 1980s (a)

Command/Recce
x1 Commander CWSP-39
Transport/Recce
x1 M577 Armoured Command Vehicle (d) CWSP-24
Forward Air Controller/Recce
x1 Forward Observer CWSP-45
Transport/Recce
x1 M113A1 Armoured Personnel Carrier (d) CWSP-20

BATTLEGROUPS
BATTLEGROUP CWSP-17
x3 Light Armoured Cavalry Regiment (bc)

BATTLEGROUP CWSP-18
x1 Armoured Cavalry Regiment (c)

MANOEUVRE ELEMENTS
MANOEUVRE ELEMENT CWSP-15
x2 Armoured Combat Engineer Company

MANOEUVRE ELEMENT CWSP-16
x1 Combat Engineer Company

FIRE SUPPORT ELEMENTS
FIRE SUPPORT ELEMENT CWSP-03
x1 Self-Propelled Light Artillery Group

(a) The Spanish Cavalry Brigades served as army or corps-level reconnaissance units in the same manner as US Armoured Cavalry Regiments. There were initially x2 such Brigades: 1st ‘Jarama’ Cavalry Brigade and 2nd ‘Castillejos’ Cavalry Brigade. However, 2nd Cavalry Brigade was disbanded very early in the 1980s, leaving 1st Cavalry Brigade as the sole brigade of the type. 2nd Cavalry Brigade was re-activated in the late 1980s, but it does not appear to have become operational until 1991.

(b) Mid-1980s: Delete x1 Light Armoured Cavalry Regiment.

(c) During the mid-1980s, both types of regiment went through major reorganisation and re-equipment – particularly in the Light Armoured Cavalry Regiments. The most dramatic changes were the retirement of the M41 Walker Bulldog Light Tank, the introduction of the VEC Armoured Cavalry Vehicle and the increase in the armoured ‘weight’ of these regiments (see the appropriate BGs for details).

(d) From mid-1980s: May replace M577 and M113 with:
BMR-PC Armoured Command Vehicle CWSP-16
**BATTLEGROUP CWSP-11**

*Spanish Airmobile Brigade 1980s (ad)*

- **Command/Recce**
  - x1 Commander
  - x1 Land Rover (no MG)
  - x4 Forward Observer

- **Transport**
  - x4 Land Rover (no MG)

**HQ BATTLEGROUPS**

- **BATTLEGROUP CWSP-26**
  - x4 Airmobile Light Infantry Battalion (b)

**MANOEUVRE ELEMENTS**

- x2 Light Combat Engineer Company
- x1 Antitank Company

**FIRE SUPPORT ELEMENTS**

- x1 Airmobile Artillery Group (c)

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(a) The Spanish Army had a single Airmobile Light Infantry Brigade.

(b) I have no detailed information on the composition of the Airmobile Light Infantry Battalions, so the TO&E information is conjectural.

(c) In wargames terms, the Airmobile Artillery Group is organised exactly the same as a Mountain Artillery Group (FSE CWSP-09).

(d) The Spanish Foreign Legion’s Xth *Bandera ‘Millán Astray’* (serving with the Legion’s 4th *Tercio*) was an independent Airmobile Battalion and could potentially be added to this force, in which case increase to x5 battalions.

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**BATTLEGROUP CWSP-12**

*Spanish Parachute Brigade 1980s (abc)*

- **Command/Recce**
  - x1 Commander

- **Transport**
  - x1 Land Rover (no MG)
  - x4 Forward Observer

- **Forward Air Controller/Recce**
  - x4 Land Rover (no MG)

**HQ BATTLEGROUPS**

- **BATTLEGROUP CWSP-27**
  - x3 Parachute Infantry Battalion

**MANOEUVRE ELEMENTS**

- x2 Parachute Engineer Company
- x1 Antitank Company

**FIRE SUPPORT ELEMENTS**

- x1 Parachute Artillery Group

**ATTACHMENTS**

- x1 Ground Surveillance Radar Set
- x1 Land Rover (no MG)

(a) The Spanish Army had a single Parachute Brigade. All its elements were drawn from the ranks of the Spanish Foreign Legion (re-titled ‘Spanish Legion’ in 1987, after all foreign recruiting was banned). Battalions of the Legion were called *Banderas*.

(b) The Spanish Foreign Legion’s Xth *Bandera ‘Millán Astray’* (serving with the Legion’s 4th *Tercio*) was an independent Airmobile Battalion and could potentially be added to this force (add x1 Airmobile Light Infantry Battalion (BG CWSP-26). The Legion’s 4th *Tercio* also had a battalion of special forces (*Bandera de Operaciones Especiales Legionaria – BOEL*) that would operate closely with the Parachute Brigade.

(c) The Parachute Brigade was tasked with providing a Battalion-sized Battlegroup to the ‘Southern Option’ of the British-led ‘Allied Command Europe Mobile Force (Land)’ (‘AMF(L)’). This was a brigade-sized airborne/airmobile force comprising British, US, West German, Belgian and Spanish units, which was tasked with being NATO’s rapid-reaction force in the AFSOUTH area of operations and regularly conducted exercises in Turkey, Italy and Greece.
BATTLEGROUP CWSP-13
Spanish Marine Brigade 1980s (ad)

HQ
- x1 Commander CWSP-39
- x1 Land Rover (no MG) CWSP-34
- Naval Gunfire/Air Support CWSP-45
- x2 Forward Observer CWSP-45
- Transport/Recce CWSP-34

MANOEUVRE ELEMENTS
- MANOEUVRE ELEMENT CWSP-23 x1 Marine Special Operations Unit (b)
- MANOEUVRE ELEMENT CWSP-24 x1 Marine Self-Propelled Gun Company
- MANOEUVRE ELEMENT CWSP-25 x1 Marine Antitank Company
- MANOEUVRE ELEMENT CWSP-26 x1 Marine Tank Company
- MANOEUVRE ELEMENT CWSP-27 x1 Marine Assault Amphibian Company (c)
- MANOEUVRE ELEMENT CWSP-28 x3 Marine Armoured Carrier Company (c)
- MANOEUVRE ELEMENT CWSP-29 x1 Marine Anti-aircraft Company

FIRE SUPPORT ELEMENTS
- FIRE SUPPORT ELEMENT CWSP-15 x1 Marine Landing Artillery Group

BATTLEGROUP CWSP-14
Spanish Moroccan Command 1980s (a)

HQ
- x1 Commander CWSP-39
- x1 Land Rover (no MG) CWSP-34
- Air Support CWSP-45
- x4 Forward Observer CWSP-45
- Transport/Recce CWSP-34

BATTLEGROUPS
- BATTLEGROUP CWSP-16
  x1 Spanish Foreign Legion Tercio (b)
  BATTLEGROUP CWSP-18
  x1 Armoured Cavalry Regiment
  BATTLEGROUP CWSP-
  x2 Motorised Infantry Battalion (c)

MANOEUVRE ELEMENTS
- MANOEUVRE ELEMENT CWSP-17 x3 Light Combat Engineer Company
- MANOEUVRE ELEMENT CWSP-18 x3 or x4 Anti-aircraft Company (de)

FIRE SUPPORT ELEMENTS
- FIRE SUPPORT ELEMENT CWSP-07 x1 Field Artillery Group (f)

(a) The Tercio de Armada (i.e. ‘Marine Brigade’ – the term Tercio roughly translates as a large, independent regiment or a small brigade) is controlled by the Spanish Navy.

(b) The Marine Special Operations Unit (UOE) is the Brigade’s reconnaissance/special forces element. One source describes it as a full battalion of three companies, plus a combat diver company. In which case, may increase to x4 Special Operations Units.

(c) The Assault Amphibian and Armoured Carrier Companies are to be allocated to Marine Infantry MEs as the situation demands.

(d) The Spanish Navy had the following air assets operating from their aircraft carrier Príncipe de Asturias and dedicated to supporting the Marine Brigade’s operations:
  - x5 AV-8S Matador Close Support Aircraft CWSP-67
  - x3 AB-212 Light Attack Helicopter CWSP-61
  - x3 SH-3H Sea King Transport Helicopter CWSP-69
  From 1988, the Spanish Navy was reinforced by a second fast jet squadron equipped with:
    - x6 EAV-8B Matador II Close Support Aircraft CWSP-70

(e) The Moroccan Commands’ Anti-aircraft Batteries were equipped with Oerlikon GDF-001 twin 35mm guns, rather than the usual Bofors 40mm guns.

(f) The Ceuta Command also had a Coastal Artillery Group, while the Melilla Command did not.
Spain maintained respectable garrisons in the larger of the Canary Islands of the Atlantic and the Balearic Islands of the Mediterranean. Each Island Command was essentially an independent brigade group, though some Island Commands had to share combat support assets (such as Engineers, AAA, Field Artillery and Coastal Artillery) between them. In the Canary Islands, Tenerife had a full Command as shown here, while the Island Commands of La Palma, Gran Canaria and Lanzarote had to share support assets between them. The island of Fuerteventura meanwhile, had the full 3rd Tercio ‘Juan de Asturia’ (BG CWSP-16) of the Spanish Foreign Legion, though does not appear to have had any support assets (maybe the Legion had their own organic assets?). In the Balearics, the island of Mallorca had a full Command, less one Engineer Company. The island of Menorca had a full Command, though only one Engineer Company (taken from Mallorca’s Engineer Battalion). Ibiza Command meanwhile, lacked Engineers, AAA and Coastal Artillery.

(a) The Spanish Foreign Legion was re-titled ‘Spanish Legion’ in 1987, after all foreign recruiting was banned. There were four Tercios. Battalions of the Legion were called Banderas.

(b) Early 1980s: Delete x1 Bandera. The third Bandera in each Tercio would from this point forth, be raised from reservists during the build-up to war

(c) Mid-1980s: Convert x1 Bandera in the 1st & 2nd Tercios to a Mechanised Infantry Battalion (BG CWSP-22) equipped with BMR wheeled armoured vehicle variants.

(d) Spanish Foreign Legion Tercios do not appear to have had combat support elements. Instead, they would draw support from whatever formation they were attached to.

(e) While the 1st to 3rd Tercios were organised and roled similarly as light motorised infantry, the 4th Tercio was instead organised as an airmobile/special operations unit. Therefore, in the 4th Tercio, convert x1 Bandera to a Special Operations Group (BG CWSP-29) and convert x2 Banderas to Airmobile Light Infantry Battalions (BG CWSP-26).
During the mid-1980s, the Light Armoured Cavalry Regiments went through a massive organisational change as the M41 Walker Bulldog Light Tank was retired from service and the VEC Armoured Cavalry Vehicle was introduced. During the mid-1980s: Delete all Manoeuvre Elements from the above organisation and insert the following Battlegroups:

**BATTLEGROUPS**
- BATTLEGROUP CWSP-17
  - Light Armoured Cavalry Regiment
    - Command/Recce
    - x1 Commander CWSP-39
    - Transport/Recce
    - x1 M577 Armoured Command Vehicle CWSP-24
    - Forward Air Controller/Recce
    - x1 Forward Observer CWSP-45
    - x1 M113A1 Armoured Personnel Carrier CWSP-20

- BATTLEGROUP CWSP-18
  - Armoured Cavalry Regiment
    - Command/Recce
    - x1 Commander CWSP-39
    - Transport/Recce
    - x1 M577 Armoured Command Vehicle CWSP-24
    - Forward Air Controller/Recce
    - x1 Forward Observer CWSP-45
    - x1 M113A1 Armoured Personnel Carrier CWSP-20

**ATTACHMENTS**
- x2 GAO-B1 Twin 20mm Anti-aircraft Gun CWSP-30
- x2 Pegaso 3045 Medium Truck CWSP-35
- Recce
  - x1 Reconnaissance Team (no MAW) CWSP-41
  - x1 All-Terrain Motorcycle CWSP-38
  - Recce
  - x1 Ground Surveillance Radar Set no card
  - x1 Land Rover (no MG) CWSP-34

(a) During the mid-1980s, the Light Armoured Cavalry Regiments went through a massive organisational change as the M41 Walker Bulldog Light Tank was retired from service and the VEC Armoured Cavalry Vehicle was introduced. During the mid-1980s: Delete all Manoeuvre Elements from the above organisation and insert the following Battlegroups:

**BATTLEGROUPS**
- BATTLEGROUP CWSP-20
  - x1 Light Armoured Cavalry Group
- BATTLEGROUP CWSP-21
  - x1 Mechanised Armoured Cavalry Group

(b) During this major reorganisation, the three Divisional Armoured Cavalry Regiments also adopted this new Light Armoured Cavalry Regiment organisation.

(c) From mid-1980s: May replace M577 and M113 with:
  - BMR-PC Armoured Command Vehicle CWSP-16

(d) From mid-1980s: May replace M577 and M113 with:
  - BMR-PC Armoured Command Vehicle CWSP-16

(a) In the early 1980s, the organisation was x3 Mixed Armoured Cavalry Squadrons. However, by the late 1980s the M41 Light Tank had been retired from Spanish service and the regiment’s organisation had been made heavier with x2 Armoured Cavalry Squadrons and x1 Mechanised Cavalry Squadron. It is very difficult to discover exactly when this change took place, but it happened at the same time as the reorganisation of the Light Armoured Cavalry Regiments.

(b) During the early 1980s, the Divisional Armoured Cavalry Regiments of 1st, 2nd & 3rd Divisions seem to have used an organisation similar to the early version of this organisation – using mainly M41 Light Tanks and M113 APCs. However, by the late 1980s, these regiments were all converted to Light Armoured Cavalry Regiments (BG CWSP-17).

(c) Unlike the Light Armoured Cavalry Regiments, the Armoured Cavalry Regiments did not adopt a ‘Group’ (i.e. Battalion) layer of command between Squadron and Regiment.

(d) From mid-1980s: May replace M577 and M113 with:
  - BMR-PC Armoured Command Vehicle CWSP-16
### BATTLEGROUP CWSP-19
#### Armoured Battalion

**Command**
- x1 M47E Patton 90mm Medium Tank (abc) CWSP-02

#### MANOEUVRÉ ELEMENTS

**MANOEUVRÉ ELEMENT CWSP-01**
- x4 Armoured Squadron

#### ATTACHMENTS

- x2 GAO-B1 Twin 20mm Antiaircraft Gun CWSP-30
- x2 Pegaso 3045 Medium Truck CWSP-35
- x2 L65/120 120mm Mortar CWSP-50
- x2 M125A1 120mm Mortar Carrier CWSP-22
- x1 M47E Patton 90mm Medium Tank (abc) CWSP-02
- x3 Infantry (1 M65 MAW) (d) CWSP-40
- x1 M113A1 Armoured Personnel Carrier CWSP-20

#### (a) In 11th Mechanised Brigade and 12th Armoured Brigade (1st Armoured Division), replace M47 Patton tanks with:

- AMX-30E 105mm Main Battle Tank CWSP-06

The 31st & 32nd Mechanised Brigades (3rd Mechanised Division) also re-equipped with AMX-30E during the Early & Mid 1980s (deliveries of AMX-30E to the Spanish Army ended in 1983).

#### (b) In 13th Armoured Brigade (1st Armoured Division), replace M47 Patton tanks with:

- M48A3E Patton 90mm Medium Tank CWSP-04

Note however that this brigade was disbanded in the early 1980s.

#### (c) Mid-1980s: Replace M47 Patton tanks in 22nd & 23rd Motorised Brigades (2nd Motorised Division) with:

- M48A5E Patton 105mm Medium Tank CWSP-05

In 21st Motorised Brigade (2nd Motorised Division), replace with:

- M47E2 Patton 105mm Medium Tank CWSP-06

#### (d) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

### BATTLEGROUP CWSP-20
#### Light Armoured Cavalry Group

**Command/Recce**
- x1 Commander CWSP-39

**Transport/Recce**
- x1 M577 Armoured Command Vehicle (a) CWSP-24

#### MANOEUVRÉ ELEMENTS

**MANOEUVRÉ ELEMENT CWSP-05**
- x3 Light Armoured Cavalry Squadron

(a) From mid-1980s: May replace M577 and M113 with:

- BMR-PC Armoured Command Vehicle CWSP-16

### BATTLEGROUP CWSP-21
#### Mechanised Armoured Cavalry Group

**Command/Recce**
- x1 Commander CWSP-39

**Transport/Recce**
- x1 M577 Armoured Command Vehicle (a) CWSP-24

#### MANOEUVRÉ ELEMENTS

**MANOEUVRÉ ELEMENT CWSP-03**
- x1 Armoured Cavalry Squadron

**MANOEUVRÉ ELEMENT CWSP-04**
- x1 Mechanised Cavalry Squadron

(a) From mid-1980s: May replace M577 and M113 with:

- BMR-PC Armoured Command Vehicle CWSP-16
### BATTLEGROUP CWSP-22
**Mechanised Infantry Battalion**

- **Command/Recce**
  - x1 Commander CWSP-39
- **Transport/Recce**
  - x1 M577 Armoured Command Vehicle (a) CWSP-24

**MANOEUVRE ELEMENTS**

- **MANOEUVRE ELEMENT CWSP-06**
  - x3 Mechanised Infantry Company

**ATTACHMENTS**

- x2 GAO-B1 Twin 20mm Antiaircraft Gun CWSP-30
- x2 Pegaso 3045 Medium Truck CWSP-35
- Organic Fire Support
  - x2 L65/120 120mm Mortar CWSP-50
- Recce
  - x4 Recce Team (1 M65 MAW) (c) CWSP-41
- Transport/Recce
  - x2 M113A1 APC (d) CWSP-20
- x3 Cobra ATGM Team (e) CWSP-52
- x3 MG42/59 General Purpose MG CWSP-46
- Transport/Recce
  - x1 M113A1 APC (d) CWSP-20

(a) From mid-1980s: In wheeled Mechanised Battalions, replace M577 with:
- BMR-PC Armoured Command Vehicle CWSP-16

(b) From mid-1980s: In wheeled Mechanised Battalions, replace M125A1 with:
- BMR-PM-120 120mm Mortar Carrier CWSP-19

(c) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(d) From mid-1980s: In wheeled Mechanised Battalions, replace M113A1 with:
- BMR-PP Armoured Personnel Carrier CWSP-13

(e) Early 1980s: Replace Cobra ATGM Teams with:
- Milan ATGM Team (gh) CWSP-53

(f) From mid-1980s: In wheeled Mechanised Battalions, replace M113A1 with:
- BMR-C/C Milan ATGM Carrier (g) CWSP-14

(g) Milan ATGM may fire from BMR-C/C Milan ATGM Carrier when mounted, though not from M113A1.

(h) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).

### BATTLEGROUP CWSP-23
**Motorised Infantry Battalion**

- **Command**
  - x1 Commander CWSP-39
- **Transport**
  - x1 Land Rover (no MG) CWSP-34

**MANOEUVRE ELEMENTS**

- **MANOEUVRE ELEMENT CWSP-07**
  - x3 Motorised Infantry Company

**ATTACHMENTS**

- x2 GAO-B1 Twin 20mm Anti-aircraft Gun CWSP-30
- x2 Pegaso 3045 Medium Truck CWSP-35
- Organic Fire Support
  - x2 L65/120 120mm Mortar CWSP-50
- Recce
  - x4 Recce Team (1 M65 MAW) (d) CWSP-41
- Transport/Recce
  - x4 Land Rover (MG) CWSP-34
- x4 Cobra ATGM Team (bc) CWSP-52
- Transport
  - x4 Land Rover (no MG) (c) CWSP-34
- x6 MG42/59 General Purpose MG CWSP-46
- Transport
  - x2 Pegaso 3045 Medium Truck CWSP-35

(a) Early 1980s: Delete Cavalry Squadron (the elderly M41 Light Tanks were scrapped and the M113s were used to fully mechanise the Mechanised Brigades and to equip the reorganised Light Armoured Cavalry Regiments).

(b) From Early 1980s: Replace Cobra ATGM Teams with:
- Milan ATGM Team (ce) CWSP-53

(c) Cobra or Milan ATGMs may fire from Land Rover when mounted.

(d) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(e) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).
BATTLEGROUP CWSP-24
Mountain Infantry Battalion (a)

**Command**
- x1 Commander CWSP-39

**HQ**
- x1 Land Rover (no MG) CWSP-34

**MANOEUVRE ELEMENTS**
MANOEUVRE ELEMENT CWSP-08
- x3 Mountain Infantry Company (a)

**ATTACHMENTS**
- x2 M55 Quad 12.7mm Anti-aircraft Gun (b) CWSP-29
- x2 Pegaso 3045 Medium Truck CWSP-35
- x2 L65/120 120mm Mortar CWSP-50
- x2 Pegaso 3045 Medium Truck CWSP-35
- x4 Cobra ATGM Team (cd) CWSP-52
- x4 Land Rover (no MG) (de) CWSP-34
- x4 Recce Team (1 M65 MAW) (f) CWSP-41
- x4 Land Rover (MG) (e) CWSP-34
- x6 MG42/59 General Purpose MG CWSP-46
- x2 Pegaso 3045 Medium Truck (e) CWSP-35
- General Transport x5 Pegaso 3045 Medium Truck (g) CWSP-35

(a) I have very little information on the organisation of Spanish Mountain Infantry Battalions, so this BG is largely conjectural. Something I do know is that one company per battalion could function as ski troops.

(b) May replace M55 Anti-aircraft Guns with:
- GAO-B1 Twin 20mm Anti-aircraft Gun CWSP-30

(c) From Early 1980s: Replace Cobra ATGM Teams with:
- Milan ATGM Team (dh) CWSP-53

(d) Cobra or Milan ATGMs may fire from Land Rover when mounted.

(e) In winter conditions, may replace motor transport for the lighter heavy weapons with sledges. In which case, may replace each heavy weapon with:
- Ski Troops CWSP-56

(f) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(g) The battalion has sufficient motor transport to mount one company at a time.

(h) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).

BATTLEGROUP CWSP-25
Territorial Infantry Battalion

**Command**
- x1 Commander CWSP-39

**HQ**
- x1 Land Rover (no MG) CWSP-34

**MANOEUVRE ELEMENTS**
MANOEUVRE ELEMENT CWSP-09
- x3 Territorial Infantry Company (a)

**ATTACHMENTS**
- x2 M55 Quad 12.7mm Anti-aircraft Gun CWSP-29
- x2 Pegaso 3045 Medium Truck CWSP-35
- x3 L65/81 81mm Mortar CWSP-49
- x1 Pegaso 3045 Medium Truck CWSP-35
- x4 M40 106mm Recoilless Rifle (b) CWSP-51
- x4 Land Rover (no MG) (b) CWSP-34
- x4 Recce Team (1 M65 MAW) CWSP-41
- x4 Land Rover (MG) CWSP-34
- x3 MG42/59 General Purpose MG CWSP-46
- x1 Pegaso 3045 Medium Truck CWSP-35
- General-Purpose Transport x4 Pegaso 3045 Medium Truck (c) CWSP-35

(a) I have very little information on the organisation of Spanish Territorial Infantry Battalions, so this BG is largely conjectural.

(b) M40 Recoilless Rifles may fire from Land Rover when mounted.

(c) The battalion has sufficient motor transport to mount one company at a time.
<table>
<thead>
<tr>
<th>BATTLEGROUP CWSP-26</th>
<th>MANOEUVRE ELEMENTS</th>
</tr>
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<tbody>
<tr>
<td>Airmobile Light Infantry Battalion (a)</td>
<td>MANOEUVRE ELEMENT CWSP-10</td>
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<tr>
<td>Command</td>
<td>x1 Commander CWSP-39</td>
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<tr>
<td>Transport</td>
<td>x1 Land Rover (no MG) CWSP-34</td>
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<tr>
<td>MANOEUVRE ELEMENT CWSP-11</td>
<td>x2 Airmobile Light Infantry Company</td>
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<td>ATTACHMENTS</td>
<td>x1 Mechanised Airmobile Light Infantry Company (b)</td>
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<tr>
<td>x2 GAO-B1 Twin 20mm Antiaircraft Gun CWSP-30</td>
<td>Transport</td>
</tr>
<tr>
<td>x2 Pegaso 3045 Medium Truck CWSP-35</td>
<td>Organic Fire Support</td>
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<tr>
<td>x2 L65/120 120mm Mortar CWSP-50</td>
<td>Transport</td>
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<tr>
<td>x2 Pegaso 3045 Medium Truck CWSP-35</td>
<td>x4 Cobra ATGM Team (cd) CWSP-52</td>
</tr>
<tr>
<td>x4 Land Rover (no MG) (d) CWSP-34</td>
<td>Recce</td>
</tr>
<tr>
<td>x4 Recce Team (1 M65 MAW) (e) CWSP-41</td>
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<tr>
<td>x4 Land Rover (MG) CWSP-34</td>
<td>Transport</td>
</tr>
<tr>
<td>x2 Pegaso 3045 Medium Truck CWSP-35</td>
<td></td>
</tr>
</tbody>
</table>

(a) I have very little information on the composition of Spanish Airmobile Battalions, so this TO&E is largely conjectural.

(b) Although I have no direct evidence for the presence of a mechanised company within this organisation, the Spanish Army did hold sufficient BLR armoured personnel carriers to equip three companies (in addition to three companies held by the Marines). The BLR was designed with the direct purpose of being an air-transportable APC, so it does make sense that they would have been used by the Air-Transportable Brigade. However, the only direct evidence I can find for their use is the three companies operated by the Spanish Marines. It is also possible that, like the Marines, the BLRs were held in a central pool, ready to support any airmobile company that needed them.

(c) From Early 1980s: Replace Cobra ATGM Teams with: Milan ATGM Team (bd) CWSP-53

(d) Cobra or Milan ATGMs and M40 Recoilless Rifles may fire from Land Rovers when mounted.

(e) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(f) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).
BATTLEGROUP CWSP-28
Marine Landing Battalion

** Command
  x1 Commander CWSP-39
** Transport
  x1 Land Rover (no MG) CWSP-34

MANOEUVRE ELEMENTS

** MANOEUVRE ELEMENT CWSP-13
  x3 Marine Infantry Company

** MANOEUVRE ELEMENT CWSP-14
  x1 Marine Reconnaissance Platoon

ATTACHMENTS

** Organic Fire Support
  x4 L65/81 81mm Mortar CWSP-49
** Transport
  x4 Land Rover (no MG) CWSP-34
** x3 M40 106mm Recoilless Rifle (a) CWSP-51
** Transport
  x3 Land Rover (no MG) (a) CWSP-34
** x3 M2 12.7mm Heavy Machine Gun (a) CWSP-51
** Transport
  x3 Land Rover (no MG) (a) CWSP-34

(a) Recoilless Rifles and HMGs may be fired from Land Rovers when mounted.

BATTLEGROUP CWSP-29
Special Operations Group (a)

** Command
  x1 Commander CWSP-39
** Transport
  x1 Land Rover (no MG) CWSP-34

MANOEUVRE ELEMENTS

** MANOEUVRE ELEMENT CWSP-23
  x3 Special Operations Company

(a) I have no information whatsoever on the composition of these units, so this organisation is entirely conjectural.
MANOEUVRE ELEMENT CWSP-01

Armoured Squadron (a)

- Command
  - x1 M47E Patton 90mm Medium Tank (bcd) CWSP-02
- Recce
  - x7 M47E Patton 90mm Medium Tank (bcd) CWSP-02

(a) The Squadron may split up as Troop-sized Manoeuvre Elements, each of x2 tanks. Designate one tank in each Troop ME as the Troop Commander.

(b) In 11th Mechanised Brigade and 12th Armoured Brigade (1st Armoured Division), replace M47 Patton tanks with:
   - AMX-30E 105mm Main Battle Tank CWSP-06
The 31st & 32nd Mechanised Brigades (3rd Mechanised Division) also re-equipped with AMX-30E during the Early & Mid 1980s (deliveries of AMX-30E to the Spanish Army ended in 1983).

(c) In 13th Armoured Brigade (1st Armoured Division), replace M47 Patton tanks with:
   - M48A3E Patton 90mm Medium Tank CWSP-04
(d) Mid-1980s: Replace M47 Patton tanks in 22nd & 23rd Motorised Brigades (2nd Motorised Division) with:
   - M48A3E Patton 105mm Medium Tank CWSP-05
In 21st Motorised Brigade (2nd Motorised Division), replace with:
   - M47E2 Patton 105mm Medium Tank CWSP-06
(e) Late 1980s: Delete x1 tank.

MANOEUVRE ELEMENT CWSP-02

Mixed Armoured Cavalry Squadron (a)

- ** Command/Recce
  - x1 Commander CWSP-39
- Recce
  - x9 Infantry (3 M65 MAW) CWSP-40
- ** Organic Fire Support/Recce
  - x1 L65/60 60mm Mortar CWSP-48
  - Transport/Recce
    - x4 M113A1 Armoured Personnel Carrier CWSP-20
    - ** Organic Fire Support
      - x1 L65/120 120mm Mortar CWSP-50
      - Transport/Recce
        - x1 L15/120 120mm Mortar Carrier CWSP-22
        - ** Recce
          - x2 M41 Walker Bulldog 76mm Light Tank CWSP-01

(a) The Squadron may split up as Troop-sized Manoeuvre Elements, each of x3 Infantry and x1 APC. Designate one Infantry unit in each Troop ME as the Troop Commander.

(b) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(c) From mid-1980s: May replace M113A1 APC with:
   - BMR-PP Armoured Personnel Carrier CWSP-13

(d) From mid-1980s: May replace M125A1 Mortar Carrier with:
   - BMR-PM-120 120mm Mortar Carrier CWSP-19
MANOEUVRE ELEMENT CWSP-05
Light Armoured Cavalry Squadron (a)

- Command/Recce
  - x1 Commander

- Recce
  - x3 Reconnaissance Team (1 M65 MAW)

- Transport/Recce
  - x7 VEC 25mm ACAV (d)
  - x1 M47E1 Patton 90mm Medium Tank (b)

- Organic Fire Support
  - x1 L65/120 120mm Mortar

- Transport/Recce
  - x1 M125A1 120mm Mortar Carrier (e)

(a) The Squadron may split up as Troop-sized Manoeuvre Elements, each of x1 Recce Team, x2 VEC and x1 tank. Designate one VEC in each Troop ME as the Troop Commander.

(b) In 1st 'Brunete' Armoured Division, may replace M47E1 Patton tanks with:

AMX-30E 105mm Main Battle Tanks

(c) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(d) Enough VEC Armoured Cavalry Vehicles were fitted with 90mm gun turrets to equip x4 Squadrons. May therefore replace these VEC Armoured Cavalry Vehicles with:

VEC-H90 90mm Armoured Cavalry Vehicle

(e) May replace M125A1 120mm Mortar Carrier with:

BMR-PM-120 120mm Mortar Carrier

MANOEUVRE ELEMENT CWSP-06
Mechanised Infantry Company

- Command
  - x1 Commander

- x9 Infantry (1 M65 MAW) (a)

- Organic Fire Support
  - x1 L65/60 60mm Mortar (b)

- x1 MG42/59 General Purpose MG

- Transport
  - x4 M113A1 APC (c)

- x1 M40 106mm Recoilless Rifle (de)

- Transport
  - x1 M113A1 APC (ef)

- Organic Fire Support
  - x1 L65/81 81mm Mortar

- Transport/Recce
  - x1 M125 81mm Mortar Carrier (g)

(a) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(b) Only one source mentions 60mm mortars, so they might not have been present, or may have been present for only part of the decade.

(c) Mid-1980s: In BMR-equipped battalions, replace M113 with:

BMR-PP Armoured Personnel Carrier

(d) By the 1980s, most Mechanised Battalions had already been equipped with ATGMs. In which case, replace with:

Cobra ATGM Team

Or from early 1980s with:

Milan ATGM Team (h)

(e) One source suggests that the recoilless rifles were actually mounted on the M113s, in which case, may fire when mounted.

(f) Mid-1980s: In BMR-equipped battalions, replace M113 antitank section transport with:

BMR-C/C Milan ATGM Carrier

(g) Mid-1980s: In BMR-equipped battalions, replace M125 with:

BMR-PM-81 81mm Mortar Carrier

(h) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).
MANOEUVRE ELEMENT CWSP-07

Motorised Infantry Company

Command
x1 Commander CWSP-39

HQ

x1 Land Rover (no MG) CWSP-34

x9 Infantry (1 M65 MAW) (a) CWSP-40

Organic Fire Support
x1 L65/60 60mm Mortar (b) CWSP-48

x1 MG42/59 General Purpose MG CWSP-41

Transport
x4 Pegaso 3045 Medium Truck CWSP-35

Organic Fire Support
x1 L65/81 81mm Mortar CWSP-49

Transport
x1 Pegaso 3045 Medium Truck CWSP-35

(a) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

(b) Only one source mentions 60mm mortars, so they might not have been present, or may have been present for only part of the decade.

MANOEUVRE ELEMENT CWSP-08

Mountain Infantry Company

Command
x1 Commander CWSP-39

HQ

x9 Infantry (1 M65 MAW) (ab) CWSP-40

Organic Fire Support
x1 L65/60 60mm Mortar (a) CWSP-48

x1 MG42/59 General Purpose MG (a) CWSP-41

(a) In Ski-trained companies: May replace Troop units with: Ski Troops CWSP-56

(b) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

MANOEUVRE ELEMENT CWSP-09

Territorial Infantry Company

Command
x1 Commander CWSP-39

HQ

x9 Infantry (1 M65 MAW) (a) CWSP-40

Organic Fire Support
x1 L65/60 60mm Mortar CWSP-48

x1 MG42/59 General Purpose MG CWSP-41

(a) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).

(b) Early 1980s: Replace Cobra ATGM Team with: Milan ATGM Team (c) CWSP-53

(c) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).

MANOEUVRE ELEMENT CWSP-10

Airmobile Light Infantry Company

Command
x1 Commander CWSP-39

HQ

x9 Infantry (1 M65 MAW) (a) CWSP-40

Organic Fire Support
x1 L65/60 60mm Mortar CWSP-48

x1 MG42/59 General Purpose MG CWSP-41

x1 Cobra ATGM Team (b) CWSP-52

Organic Fire Support
x1 L65/81 81mm Mortar CWSP-49

(a) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).

(b) Early 1980s: Replace Cobra ATGM Team with: Milan ATGM Team (c) CWSP-53

(c) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).

MANOEUVRE ELEMENT CWSP-11

Mechanised Airmobile Light Infantry Company

Command
x1 Commander CWSP-39

HQ

x9 Infantry (1 M65 MAW) (a) CWSP-40

Organic Fire Support
x1 L65/60 60mm Mortar (b) CWSP-48

x1 MG42/59 General Purpose MG CWSP-41

x1 Cobra ATGM Team (b) CWSP-52

Organic Fire Support
x1 L65/81 81mm Mortar CWSP-49

Transport
x6 BLR Armoured Personnel Carrier CWSP-12

(a) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).

(b) Early 1980s: Replace Cobra ATGM Team with: Milan ATGM Team (c) CWSP-53

(c) Late 1980s: May upgrade Milan ATGM to Milan 2 (see card).
MANOEUVRE ELEMENT CWSP-12
Parachute Infantry Company

- Command
  - x1 Commander CWSP-39
- x9 Infantry (3 M65 MAW) (a) CWSP-40
- x1 MG42/59 General Purpose MG CWSP-41
- Organic Fire Support
  - x1 L65/81 81mm Mortar CWSP-49

(a) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).

MANOEUVRE ELEMENT CWSP-13
Marine Infantry Company

- Command
  - x1 Commander CWSP-39
- x9 Marine Infantry (1 M65 MAW) (a) CWSP-43
- Organic Fire Support
  - x1 M65/60 60mm Mortar CWSP-48
  - x1 MG42/59 GPMG CWSP-46
  - x1 M47 Dragon ATGM Team CWSP-54

(a) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).

MANOEUVRE ELEMENT CWSP-14
Marine Reconnaissance Platoon

- Command
  - x1 Commander CWSP-39
- Transport/Recce
  - x1 Land Rover (no MG) CWSP-34
  - x1 Forward Observer (b) CWSP-45
- Naval Gunfire/Air Support
  - x1 Land Rover (no MG) CWSP-34
- Recce
  - x9 Recce Team (1 M65 MAW) (ac) CWSP-41
  - x9 Land Rover (with MG) (a) CWSP-34
- x1 Ground Surveillance Radar Set no card CWSP-34
- Transport/Recce
  - x1 Land Rover (no MG) CWSP-34

(a) Recce Teams may alternatively dismount as:
  - MG42/59 GPMG (LMG Mode only) CWSP-46
  
  Note that the Land Rovers will then be unarmed.

(b) The Forward Observer is netted in to naval gunfire support, as well as naval air power and the Marine Landing Artillery Group.

(c) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).

MANOEUVRE ELEMENT CWSP-15
Armoured Combat Engineer Company

- Command
  - x1 Commander CWSP-39
- x9 Combat Engineers (1 M65 MAW) CWSP-44
- Organic Fire Support
  - x1 M65/60 60mm Mortar CWSP-48
- Transport
  - x4 M113A1 APC (a) CWSP-20
  - x1 M48 AVLB CWSP-08

(a) From Mid-1980s: In some units (particularly in those brigades with BMR-equipped Mechanised Battalions), may replace M113 APCs with:
  - BMR-VCZ Combat Engineer Carrier CWSP-17

MANOEUVRE ELEMENT CWSP-16
Combat Engineer Company

- Command
  - x1 Commander CWSP-39
- x9 Combat Engineers (1 M65 MAW) CWSP-44
- Organic Fire Support
  - x1 M65/60 60mm Mortar CWSP-48
- Transport
  - x4 Pegaso 3045 Medium Truck CWSP-35
  - x1 M48 AVLB CWSP-08

MANOEUVRE ELEMENT CWSP-17
Light Combat Engineer Company

- Command
  - x1 Commander CWSP-39
- x9 Combat Engineers (1 M65 MAW) CWSP-44
- Organic Fire Support
  - x1 M65/60 60mm Mortar CWSP-48
- Transport
  - x4 Pegaso 3045 Medium Truck CWSP-35
MANOEUVRE ELEMENT CWSP-18

Anti-aircraft Company

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<tr>
<th>Command</th>
<th>x1 Commander</th>
<th>CWSP-39</th>
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<tbody>
<tr>
<td>Transport</td>
<td>x1 Land Rover (no MG)</td>
<td>CWSP-34</td>
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<tr>
<td>x4 Bofors L70 40mm AA Gun (abc)</td>
<td>CWSP-32</td>
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<tr>
<td>Transport</td>
<td>x4 Pegaso 3050 Heavy Truck (a)</td>
<td>CWSP-36</td>
</tr>
</tbody>
</table>

(a) Early 1980s: Delete x1 gun and truck.

(b) Half of the general reserve AA Companies are equipped with heavy guns:
M117 90mm Antiaircraft Gun (c) CWSP-33

(c) The General reserve 90mm AA Companies, as well as some AA Companies in the Islands and Moroccan garrisons were progressively upgraded during the early 1980s with:
GDF-001 Twin 35mm Antiaircraft Gun CWSP-31

MANOEUVRE ELEMENT CWSP-19

Mechanised Antitank Company (c)

<table>
<thead>
<tr>
<th>Command</th>
<th>x1 Commander</th>
<th>CWSP-39</th>
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<tbody>
<tr>
<td>Transport</td>
<td>x1 M113A1 APC (a)</td>
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<tr>
<td>x4 M220 TOW ATGM Team (d)</td>
<td>CWSP-55</td>
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<tr>
<td>Transport</td>
<td>x4 M150 TOW ATGM Carrier (b)</td>
<td>CWSP-23</td>
</tr>
</tbody>
</table>

(a) From Mid-1980s: May replace M113 APC with:
BMR-PP Armoured Personnel Carrier CWSP-13

(b) From mid-1980s: May replace M150 TOW ATGM Carrier with:
BMR-C/C TOW ATGM Carrier CWSP-15

(c) The Antitank Company may alternatively be split up as individual unit attachments.

(d) Late 1980s: May upgrade TOW ATGMs to Improved TOW (see card).

MANOEUVRE ELEMENT CWSP-20

Anti-tank Company (c)

<table>
<thead>
<tr>
<th>Command</th>
<th>x1 Commander</th>
<th>CWSP-39</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>x1 Land Rover (no MG)</td>
<td>CWSP-34</td>
</tr>
<tr>
<td>x4 Cobra ATGM Team (ab)</td>
<td>CWSP-53</td>
<td></td>
</tr>
<tr>
<td>Transport</td>
<td>x4 Land Rover (no MG) (b)</td>
<td>CWSP-34</td>
</tr>
</tbody>
</table>

(a) May replace Cobra ATGM Team with:
Milan ATGM Team (bd) CWSP-54
M220 TOW ATGM Team (be) CWSP-55

(b) ATGMs may be fired from Land Rover when mounted.

(c) The Antitank Company may alternatively be split up as individual unit attachments.

(d) Late 1980s: May upgrade Milan ATGMs to Milan 2 (see card).

(e) Late 1980s: May upgrade TOW ATGMs to Improved TOW (see card).

MANOEUVRE ELEMENT CWSP-21

Ski Company (a)

<table>
<thead>
<tr>
<th>Command/Recce</th>
<th>x1 Commander (a)</th>
<th>CWSP-39</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recce</td>
<td>x9 Infantry (1 M65 MAW) (ab)</td>
<td>CWSP-40</td>
</tr>
<tr>
<td>Organic Fire Support/Recce</td>
<td>x1 L65/60 60mm Mortar (a)</td>
<td>CWSP-48</td>
</tr>
<tr>
<td>Recce</td>
<td>x1 MG42/59 General Purpose MG (a)</td>
<td>CWSP-41</td>
</tr>
<tr>
<td>Transport</td>
<td>x12 Land Rover (MG) (a)</td>
<td>CWSP-34</td>
</tr>
</tbody>
</table>

(a) In summer conditions, the company functions as a motorised or foot reconnaissance company. In winter conditions, delete the Land Rovers and may replace Troop units with:
Ski Troops CWSP-56

(b) Late 1980s: May replace M65 89mm MAW with C90 90mm MAW (see card).

MANOEUVRE ELEMENT CWSP-22

Parachute Engineer Company

<table>
<thead>
<tr>
<th>Command</th>
<th>x1 Commander</th>
<th>CWSP-39</th>
</tr>
</thead>
<tbody>
<tr>
<td>x9 Combat Engineers (3 M65 MAW) (a)</td>
<td>CWSP-44</td>
<td></td>
</tr>
<tr>
<td>Organic Fire Support</td>
<td>x1 M65/60 60mm Mortar</td>
<td>CWSP-48</td>
</tr>
</tbody>
</table>

(a) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).
MANOEUVRE ELEMENT CWSP-23
Special Operations Company (b)
- Command/Recce
  - x1 Commander CWSP-39
  - x9 Marine Infantry (3 M65 MAW) (ac) CWSP-43
- Alternative:
  - Recce
  - x9 Parachute Infantry (3 M65 MAW) (ac) CWSP-42
(a) The Special Operations Unit may alternatively be broken down into smaller tactical teams. Replace Marine/Parachute Infantry squads with:
  - x18 Reconnaissance Team (3 MAW) CWSP-41
(b) The Special Operations Unit may alternatively be deployed as x3 platoon-sized MEs, each of x3 Marine/Parachute Infantry squads or x6 Reconnaissance Teams. Allocate 1 MAW per platoon. Designate one unit in each Special Operations Platoon ME as the Platoon Commander.
(c) Late 1980s: Replace M65 89mm MAW with C90 90mm MAW (see card).

MANOEUVRE ELEMENT CWSP-24
Marine Self-Propelled Gun Company (a)
- Command
  - x1 M56 Scorpion 90mm Self-Propelled Gun CWSP-07
- x7 M56 Scorpion 90mm Self-Propelled Gun CWSP-07
(a) The company may alternatively be deployed as x3 platoon-sized MEs, each of x2 M56 Scorpion. Designate one vehicle in each platoon ME as the Platoon Commander.

MANOEUVRE ELEMENT CWSP-25
Marine Antitank Company (a)
- Command
  - x1 Commander CWSP-39
  - x1 Land Rover (no MG) CWSP-34
  - x6 M220 TOW ATGM Team (bc) CWSP-51
- Transport
  - x6 Land Rover (no MG) (b) CWSP-34
(a) The company may alternatively be deployed as individual unit attachments or as x3 platoon-sized MEs, each of x2 M220 TOW ATGM Teams, plus transport. Designate one ATGM Team in each platoon ME as the Platoon Commander.
(b) TOW ATGMs may be fired from their vehicles when mounted.
(c) Late 1980s: May upgrade TOW ATGMs to Improved TOW (see card).

MANOEUVRE ELEMENT CWSP-26
Marine Tank Company (a)
- Command
  - x1 M48A3E Patton 90mm Medium Tank CWSP-04
  - x6 M48A3E Patton 90mm Medium Tank CWSP-04
(a) The Company may split up as platoon-sized Manoeuvre Elements, each of x2 tanks. Designate one tank in each Platoon ME as the Platoon Commander.

MANOEUVRE ELEMENT CWSP-27
Marine Assault Amphibian Company (ab)
- Command/Transport
  - x1 LVTP-7 Amphibious Assault Vehicle CWSP-25
- Transport
  - x6 LVTP-7 Amphibious Assault Vehicle CWSP-25
(a) The Assault Amphibian Company’s role is to provide amphibious assault capability to any unit that needs it – usually the Marine Infantry.
The Company may split up as platoon-sized Manoeuvre Elements, each of x2 LVTP-7. Designate one vehicle in each Platoon ME as the Platoon Commander.

MANOEUVRE ELEMENT CWSP-28
Marine Armoured Carrier Company (c)
- Command/Transport
  - x1 BLR Armoured Personnel Carrier CWSP-12
  - x4 BLR Armoured Personnel Carrier CWSP-12
(a) The Armoured Carrier Company’s role is to provide armoured personnel carrier support to Marine Infantry units. The BLR has some limited amphibious capability, but amphibious landing support remains the preserve of the Assault Amphibian Company – the Armoured Carrier Companies are more concerned with providing support once ashore.

MANOEUVRE ELEMENT CWSP-29
Marine Anti-aircraft Company (a)
- Command
  - x1 Commander CWSP-39
  - x1 VAP Amphibious Armoured Truck CWSP-37
  - x3 GAO-B1 Twin 20mm AA Gun CWSP-30
  - Transport
  - x3 VAP Amphibious Armoured Truck CWSP-37
(a) The company may alternatively be split up as individual unit attachments.
MANOEUVRE ELEMENT CWSP-30
Self-Propelled SAM Company (ab)

- **Command**
  - x1 M113A1 APC CWSP-20
  - x4 AMX-30 Roland SAM Vehicle CWSP-26

(a) The Spanish Army's general reserve had only a single battalion of self-propelled SAMs, equipped with x2 Companies.

---

MANOEUVRE ELEMENT CWSP-31
SAM Company (a)

- **Command**
  - x1 Commander CWSP-39
  - x1 Land Rover (no MG) CWSP-34
  - x3 I-Hawk SAM Launcher CWSP-27
  - x4 Pegaso 3050 Heavy Truck CWSP-36

(a) The Spanish Army had two battalions of I-Hawk SAMs in general reserve. Each battalion had x4 Companies.

---

MANOEUVRE ELEMENT CWSP-32
Transport Helicopter Battalion (a)

- x1 UH-1B/H Iroquois Utility Helicopter CWSP-60
- x9 CH-47 Chinook Transport Helicopter CWSP-62

(a) There is only x1 Transport Helicopter Battalion (numbered 5th).

---

MANOEUVRE ELEMENT CWSP-33
Attack Helicopter Battalion (a)

- x1 UH-1B/H Iroquois Utility Helicopter CWSP-60
- x5 Alouette II Lt Observation Helicopter (b) CWSP-72
- x7 Alouette III (20mm) Attack Helicopter (c) CWSP-73
- x14 Alouette III (SS-11) Attack Helicopter CWSP-74

(a) There is only x1 Attack Helicopter Battalion (numbered 1st).

(b) From 1983: Replace Alouette II Light Observation Helicopter with:
  - Bo-105M LOH Light Observation Helicopter CWSP-58

(c) From 1983: Replace Alouette III (20mm) Attack Helicopter with:
  - Bo-105M GSH 20mm Light Attack Helicopter CWSP-71

(d) From 1983: Replace Alouette III (SS-11) Attack Helicopter with:
  - Bo-105M ATH HOT Light Attack Helicopter CWSP-59

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MANOEUVRE ELEMENT CWSP-34
Manoeuvre Helicopter Battalion (a)

- x9 UH-1B/H Iroquois Utility Helicopter CWSP-60
- x3 Alouette II Lt Observation Helicopter (bc) CWSP-72

(a) There were x4 Manoeuvre Helicopter Battalions (numbered 2nd, 3rd, 4th & 6th). However, the 6th (on Tenerife) was only a squadron-sized unit, with x3 LOH and x3 UH-1B/H.

(b) May replace Alouette II Light Observation Helicopter with:
  - Alouette III Light Observation Helicopter CWSP-57

(c) From 1983: Replace Alouette II & Alouette III Light Observation Helicopters with:
  - Bo-105M LOH Light Observation Helicopter CWSP-58

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MANOEUVRE ELEMENT CWSP-30
Self-Propelled SAM Company (ab)

- **Command**
  - x1 M113A1 APC CWSP-20
  - x4 AMX-30 Roland SAM Vehicle CWSP-26

(a) The Spanish Army's general reserve had only a single battalion of self-propelled SAMs, equipped with x2 Companies.

---

MANOEUVRE ELEMENT CWSP-31
SAM Company (a)

- **Command**
  - x1 M113A1 APC CWSP-20
  - x4 AMX-30 Roland SAM Vehicle CWSP-26

(a) There were x4 Manoeuvre Helicopter Battalions (numbered 2nd, 3rd, 4th & 6th). However, the 6th (on Tenerife) was only a squadron-sized unit, with x3 LOH and x3 UH-1B/H.

(b) May replace Alouette II Light Observation Helicopter with:
  - Alouette III Light Observation Helicopter CWSP-57

(c) From 1983: Replace Alouette II & Alouette III Light Observation Helicopters with:
  - Bo-105M LOH Light Observation Helicopter CWSP-58

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MANOEUVRE ELEMENT CWSP-32
Transport Helicopter Battalion (a)

- x1 UH-1B/H Iroquois Utility Helicopter CWSP-60
- x9 CH-47 Chinook Transport Helicopter CWSP-62

(a) There is only x1 Transport Helicopter Battalion (numbered 5th).
Spanish Tactical Air Assets

**No.11 Wing, Spanish Air Force – Manises AFB**

111 Squadron  x6 Mirage III  (Air Defence Fighters)
112 Squadron  x6 Mirage III  (Air Defence Fighters)

**No.12 Wing, Spanish Air Force – Torrejon AFB**

121 Squadron  x10 RF-4C Phantom II (a)  CWSP-64
122 Squadron  x10 RF-4C Phantom II (a)  CWSP-64
123 Squadron  x6 RF-4C Phantom II  CWSP-64

**No.14 Wing, Spanish Air Force – Albacete AFB**

141 Squadron  x12 Mirage F1 CE  CWSP-68
142 Squadron  x12 Mirage F1 CE  CWSP-68

**No.15 Wing, Spanish Air Force – Zaragoza AFB**

151 Squadron  x8 EF-18 Hornet  CWSP-66
152 Squadron  x8 EF-18 Hornet  CWSP-66

**No.21 Wing, Spanish Air Force – Morón AFB**

211 Squadron  x6 SF-5A Freedom Fighter (b)  CWSP-65
212 Squadron  x6 SF-5A Freedom Fighter (b)  CWSP-65

**No.23 Wing, Spanish Air Force – Talavera de Real AFB (Operational Conversion Unit)**

231 Squadron  x6 SF-5A Freedom Fighter  CWSP-65
232 Squadron  x6 SF-5A Freedom Fighter  CWSP-65

**No.46 Wing, Spanish Air Force – Gando AFB (Canary Islands)**

462 Squadron  x8 HA-220 Super Saeta (d)  CWSP-63
464 Squadron  x10 Mirage F1 CE (d)  CWSP-68

**Spanish Naval Aviation**

3 Squadron  x12 AB-212 Utility Helicopter (e)  CWSP-61/61A
5 Squadron  x5 SH-3H Sea King  CWSP-70
8 Squadron  x6 AV-8S Matador (f)  CWSP-67
9 Squadron  x6 EAV-8B Matador II (g)  CWSP-69

**Notes**

(a) Late 1980s: The F-4C Phantoms of No.12 Wing were replaced by x16 F-18E Hornet (CWSP-66), with the Hornets being operational in April 1989.

(b) Half of No.21 Wing’s SF-5As were reconnaissance variants, though with a secondary ground-attack role. They were probably massed into one of the two squadrons, though I don’t know which.

(c) It would appear that No.15 Wing was newly-raised for the EF-18 Hornet. The first EF-18 squadron, 151 Squadron, was operational in September 1988.

(d) In 1982, the venerable HA-220 Super Saeta was retired from service and the Mirage F1 CEs of 464 Squadron were moved across to 462 Squadron. 464 Squadron was then disbanded.

(e) These versatile helicopters were officially ship-borne Anti-Submarine Warfare helicopters, but could also be fitted out as tactical transports (CWSP-61) or as gunships (CWSP-61A) to support the Marines.

(f) This is the Spanish version of the AV-8A Harrier. By 1989 this number had been reduced to x4 due to accident losses.

(g) This is the Spanish version of the AV-8B Harrier II. 9 Squadron was finally operational in 1988.
This document describes the composition of various artillery groups and their equipment within the context of the Spanish Army. Here are the key points:

1. **FIRE SUPPORT ELEMENT CWSP-01**
   - **Self-Propelled Field Artillery Group**
   - **x3 Self-Propelled Field Artillery Battery**
   - **On-Table Attachment**
     - x1 Forward Observer (CWSP-45)
   - **Transport/Recce**
     - x1 M113A1 APC (a)
   - **Fire Support**
     - x3 M109A1 SP 155mm Howitzer (b) no card
   - **Remarks**
     - (a) From Mid-1980s: May replace M113A1 in some units with: BMR-PC Armoured Command Vehicle (CWSP-16)
     - (b) Early 1980s: Some units were still equipped with: M44 SP 155mm Howitzer no card

2. **FIRE SUPPORT ELEMENT CWSP-02**
   - **Self-Propelled Light Artillery Group**
   - **x3 Self-Propelled Light Artillery Battery**
   - **On-Table Attachment**
     - x1 Forward Observer (CWSP-45)
   - **Transport/Recce**
     - x1 M113A1 APC (a)
   - **Fire Support**
     - x3 M108 SP 105mm Howitzer no card
   - **Remarks**
     - (a) From Mid-1980s: May replace M113A1 in some units with: BMR-PC Armoured Command Vehicle (CWSP-16)

3. **FIRE SUPPORT ELEMENT CWSP-03**
   - **Self-Propelled Heavy Artillery Group**
   - **x3 Self-Propelled Heavy Artillery Battery**
   - **General Fire Support**
     - x2 M107 SP 175mm Howitzer (a) no card
   - **Remarks**
     - (a) In 1st Armoured Division, mid-1980s: Replace M107 SP 175mm Howitzers with: M110A2 SP 203mm Howitzer no card

4. **FIRE SUPPORT ELEMENT CWSP-04**
   - **Field Artillery Group**
   - **x3 Field Artillery Battery**
   - **On-Table Attachment**
     - x1 Forward Observer (CWSP-45)
   - **Transport**
     - x1 Land Rover (no MG) (a) CWSP-34
   - **Fire Support**
     - x2 M114 155mm Howitzer (b) no card
   - **Remarks**
     - (a) From Mid-1980s: May replace Land Rover in a few units with: BMR-PC Armoured Command Vehicle (CWSP-16)
     - (b) Early 1980s: Increase to x3 guns per battery.

5. **FIRE SUPPORT ELEMENT CWSP-05**
   - **Mountain Artillery Group**
   - **x3 Mountain Artillery Battery**
   - **Command**
     - x1 Commander (CWSP-39)
   - **Transport**
     - x1 Land Rover (no MG) (a) CWSP-34
   - **On-Table Attachment**
     - x1 Forward Observer (CWSP-45)
   - **Fire Support**
     - x1 Pegaso 3045 Medium Truck (CWSP-34)
   - **Remarks**
     - (a) In winter conditions, may delete Land Rover and replace FO when moving with: Ski Troops CWSP-56

6. **FIRE SUPPORT ELEMENT CWSP-06**
   - **Light Artillery Group**
   - **x3 Light Artillery Battery**
   - **On-Table Attachment**
     - x1 Forward Observer (CWSP-45)
   - **Transport**
     - x1 Land Rover (no MG) (a) CWSP-34
   - **Fire Support**
     - x3 M26 105mm Howitzer no card

This document provides a detailed breakdown of the artillery groups, their equipment, and the possible replacements and adaptations during the 1980s.
Sources are sketchy on the details, but it seems that the Spanish Marine SP Artillery Battery may have had M52A1 self-propelled 105mm Howitzers during the early 1980s, then upgrading to M109A2 self-propelled 155mm Howitzers. However, the M52A1s may have been retired in the 1970s.

The Forward Observer is netted in to naval gunfire support, as well as naval air power and the Marine Landing Artillery Group. Transport will be provided by the unit to which the FO is attached.

In mid-1980s: Increase to x6 Heavy Artillery Batteries (expansion due to incorporating elements of disbanded divisional Heavy Batteries and 2nd Artillery Brigade).

In the early 1980s, there were x2 Artillery Brigades in general reserve to the Spanish Army. However, this was soon reduced to x1 Artillery Brigade.

Early 1980s: Each Artillery Brigade consisted of x2 Field Artillery Groups are equipped with 122mm Guns, x1 Field Artillery Group with 155mm Howitzers and a Heavy Artillery Group. The Rocket Artillery Group was added in 1985. However, x1 122mm Field Artillery Group and x1 155mm Field Artillery Group appear to have been disbanded by the end of the 1980s.

Mid-1980s: When the divisional Heavy Artillery Batteries and the 2nd Artillery Brigade were disbanded, the surplus M115 203mm howitzers were used to double the strength of the remaining reserve Heavy Artillery Group.
Spanish Card List & Model Availability

Special Note: Totentanz Miniatures specialises in the Spanish Army of the 1980s and the Southern Front in general. At the time of writing, they are already producing models for the AMX-30E, BMR, VEC and Spanish infantry and are expanding the range to include Foreign Legion, Spanish Marines, Spanish Airborne and the French Army.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>Suppliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWSP-01</td>
<td>M41 Walker Bulldog 76mm Light Tank</td>
<td>QRF, FoW, RMM</td>
</tr>
<tr>
<td>CWSP-02</td>
<td>M47E/E1 Patton 90mm Medium Tank</td>
<td>QRF, RMM</td>
</tr>
<tr>
<td>CWSP-03</td>
<td>M47E2 Patton 105mm Medium Tank</td>
<td>QRF, RMM</td>
</tr>
<tr>
<td>CWSP-04</td>
<td>M48A3E Patton 90mm Medium Tank</td>
<td>QRF, FoW, RMM</td>
</tr>
<tr>
<td>CWSP-05</td>
<td>M48A5E Patton 105mm Medium Tank</td>
<td>QRF, FoW (both Israeli M48 105mm)</td>
</tr>
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<td>CWSP-06</td>
<td>AMX-30E 105mm Main Battle Tank</td>
<td>QRF, TT</td>
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<tr>
<td>CWSP-07</td>
<td>M56 Scorpion 90mm Self-Propelled Gun</td>
<td>QRF</td>
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<td>CWSP-08</td>
<td>M48 AVLB</td>
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<tr>
<td>CWSP-09</td>
<td>AML-60 60mm Armoured Car</td>
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<td>CWSP-10</td>
<td>AML-90 90mm Armoured Car</td>
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<td>CWSP-11</td>
<td>VEC 25mm Armoured Cavalry Vehicle</td>
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<tr>
<td>CWSP-12</td>
<td>BLR Marine/Air-Transportable Armoured Personnel Carrier</td>
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<td>BMR-PP Armoured Personnel Carrier</td>
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<td>BMR-C/C Milan ATGM Carrier</td>
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<td>BMR-C/C TOW ATGM Carrier</td>
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<td>BMR-PC Armoured Command Vehicle</td>
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<td>BMR-VCZ Combat Engineer Carrier</td>
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<tr>
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<td>BMR-PM-81 81mm Mortar Carrier</td>
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<td>BMR-PM-120 120mm Mortar Carrier</td>
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<td>M113A1 Armoured Personnel Carrier</td>
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<td>LVT-7 Amphibious Assault Vehicle</td>
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<td>AMX-30 Roland SAM Vehicle</td>
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<td>I-Hawk SAM Launcher</td>
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<td>105/14 M56 105mm Mountain Howitzer</td>
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<td>M55 Quad 12.7mm Antiaircraft Gun</td>
<td>FoW</td>
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<td>GDF-001 Twin 35mm Antiaircraft Gun</td>
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<td>Bofors L70 40mm Antiaircraft Gun</td>
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<td>M117 90mm Antiaircraft Gun</td>
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<td>CWSP-34</td>
<td>Land Rover</td>
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<td>CWSP-35</td>
<td>Pegaso 3045 Medium Truck</td>
<td>QRF, PP, AA, TT (coming soon)</td>
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<td>CWSP-36</td>
<td>Pegaso 3050 Heavy Truck</td>
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<td>CWSP-37</td>
<td>Pegaso 3550 VAP Amphibious Armoured Truck</td>
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<td>CWSP-38</td>
<td>All-Terrain Motorcycle</td>
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<td>CWSP-39</td>
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<td>CWSP-41</td>
<td>Reconnaissance Team</td>
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</tr>
<tr>
<td>CWSP-42</td>
<td>Paratroops</td>
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<tr>
<td>CWSP-46</td>
<td>MG42/59 General Purpose Machine Gun</td>
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</tr>
<tr>
<td>CWSP-47</td>
<td>M2 12.7mm Heavy Machine Gun</td>
<td>QRF, SOG, PP, FoW</td>
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</tbody>
</table>
Spanish Card List & Model Availability (continued)

CWSP-48 – ECIA L65/60 60mm Mortar
CWSP-49 – ECIA L65/81 81mm Mortar
CWSP-50 – ECIA L65/120 120mm Mortar
CWSP-51 – M40 106mm Recoilless Rifle
CWSP-52 – Cobra Antitank Guided Missile Team
CWSP-53 – Milan Antitank Guided Missile Team
CWSP-54 – M47 Dragon Antitank Guided Missile Team
CWSP-55 – M220 TOW Antitank Guided Missile Team
CWSP-56 – Ski Troops
CWSP-57 – Alouette III Light Observation Helicopter
CWSP-58 – Bo-105M LOH Light Observation Helicopter
CWSP-59 – Bo-105M ATH Light Attack Helicopter (HOT or HOT 2)
CWSP-60 – UH-1B/H Iroquois Utility Helicopter
CWSP-61 – AB-212 (UH-1N) Utility Helicopter (Gunship Option)
CWSP-62 – CH-47 Chinook Heavy Transport Helicopter
CWSP-63 – HA-220 Super Saeta Light Attack Aircraft
CWSP-64 – F-4C Phantom II Fighter-Bomber
CWSP-65 – SF-5A Freedom Fighter Ground-Attack Aircraft
CWSP-66 – EF-18 Hornet Fighter-Bomber
CWSP-67 – AV-8S Matador Close Support Aircraft
CWSP-68 – Mirage F-1CE Fighter-Bomber
CWSP-69 – EAV-8B Matador II Close Support Aircraft
CWSP-70 – SH-3H Sea King Transport Helicopter
CWSP-71 – Bo-105M GSH Light Attack Helicopter (20mm)
CWSP-72 – Alouette II Light Observation Helicopter
CWSP-73 – Alouette III Attack Helicopter (20mm)
CWSP-74 – Alouette III Attack Helicopter (SS-11 ATGM)
CWSP-75 – OH-58C Kiowa Light Observation Helicopter
CWSP-76 – VEC-H90 90mm Armoured Cavalry Vehicle