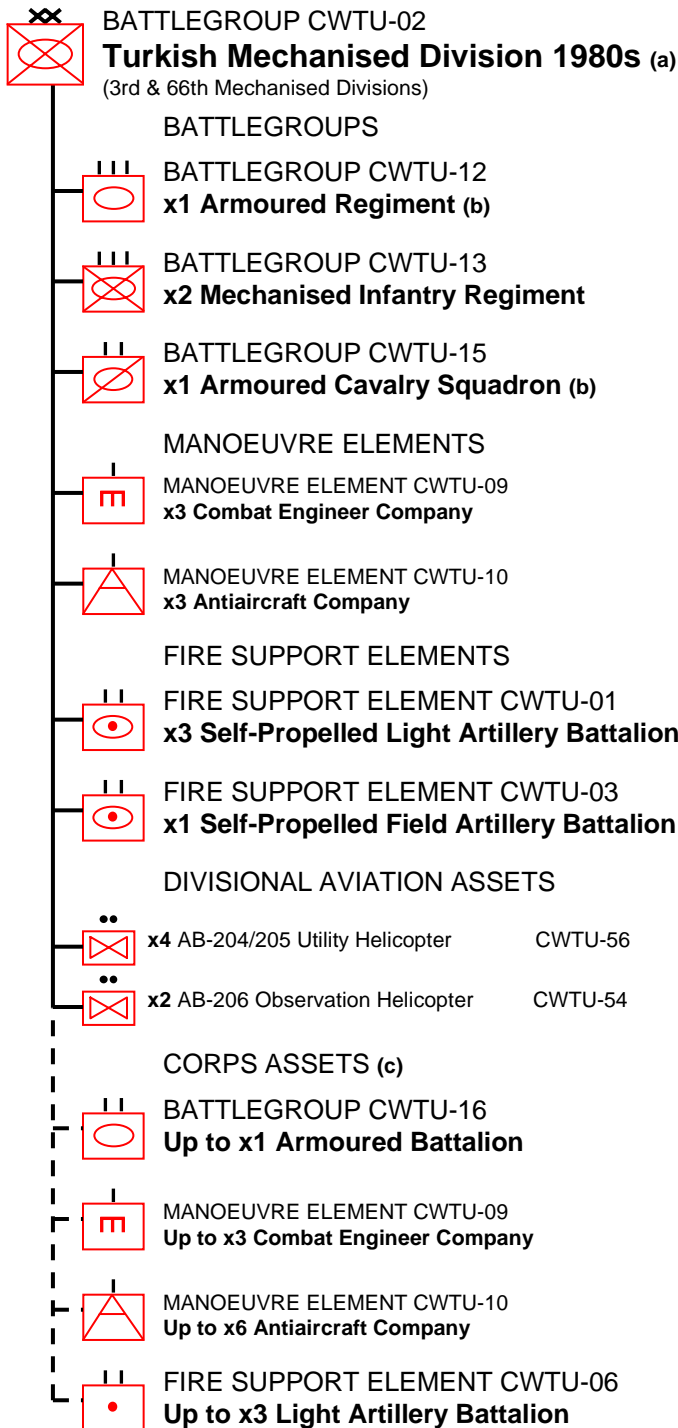


Turkish 1980s TO&Es v1.1



(a) Turkey had **x1** Armoured Division, **x2** Mechanised Divisions and **x14** Infantry Divisions (increasing to **x15** Infantry Divisions by 1989). The two Mechanised Divisions – 3rd & 66th – were the cream of the Turkish Army and were both stationed in Thrace (European Turkey) with 1st Army (consisting of II, III, V & XV Corps).

(b) Note that the term ‘Squadron’ is used here in the US sense – i.e. a battalion-sized unit.

(c) This is the full list of combat support elements available at Corps level. The Turks did not have Corps or Army level heavy artillery. They did however, have three Artillery Brigades (FSE CWTU-11) in central reserve and a battalion of Honest John ballistic missiles in each Army.

xx BATTLEGROUP CWTU-02
Turkish Infantry Division (Type A) 1980s (a)
(4th, 8th, 33rd, 61st & 65th Infantry Divisions)

BATTLEGROUPS

 BATTLEGROUP CWTU-12
x1 Armoured Regiment (b)

 BATTLEGROUP CWTU-14
x2 Infantry Regiment

 BATTLEGROUP CWTU-15
Up to x1 Armoured Cavalry Squadron (bd)

MANOEUVRE ELEMENTS

 MANOEUVRE ELEMENT CWTU-09
x3 Combat Engineer Company


 MANOEUVRE ELEMENT CWTU-10
x3 Antiaircraft Company


FIRE SUPPORT ELEMENTS

 FIRE SUPPORT ELEMENT CWTU-06
x3 Light Artillery Battalion

 FIRE SUPPORT ELEMENT CWTU-08
x1 Field Artillery Battalion


DIVISIONAL AVIATION ASSETS

 **x4 AB-204/205 Utility Helicopter** CWTU-56

 **x2 AB-206 Observation Helicopter** CWTU-54

CORPS ASSETS (c)

 BATTLEGROUP CWTU-16
Up to x1 Armoured Battalion

 MANOEUVRE ELEMENT CWTU-09
Up to x3 Combat Engineer Company

 MANOEUVRE ELEMENT CWTU-10
Up to x6 Antiaircraft Company

 FIRE SUPPORT ELEMENT CWTU-06
Up to x3 Light Artillery Battalion

(a) Turkey had **x1** Armoured Division, **x2** Mechanised Divisions and **x14** Infantry Divisions (increasing to **x15** Infantry Divisions by 1989). The five Infantry Divisions of this type (4th, 8th, 33rd, 61st & 65th) were stationed in Thrace (European Turkey) with 1st Army (consisting of II, III, V & XV Corps). Note that the 'Type A' designation is my own – I do not know what the Turkish designation was for this organisation.

(b) Note that the term 'Squadron' is used here in the US sense – i.e. a battalion-sized unit.

(c) This is the full list of combat support elements available at Corps level. The Turks did not have Corps or Army level heavy artillery. They did however, have three Artillery Brigades (FSE CWTU-11) in central reserve and a battalion of Honest John ballistic missiles in each Army.

(d) Some divisions only had a single Armoured Cavalry Troop (i.e. Company).

xx BATTLEGROUP CWTU-03
Turkish Infantry Division (Type B) 1980s (a)
 (2nd, 6th, 9th, 12th, 23rd, 28th, 29th, 39th & 51st Infantry Divisions)


BATTLEGROUPS

 BATTLEGROUP CWTU-13
x1 Mechanised Infantry Regiment (b)

 BATTLEGROUP CWTU-14
x2 Infantry Regiment

 BATTLEGROUP CWTU-15
Up to x1 Armoured Cavalry Squadron (bd)

MANOEUVRE ELEMENTS

 MANOEUVRE ELEMENT CWTU-09
x3 Combat Engineer Company


 MANOEUVRE ELEMENT CWTU-10
x3 Antiaircraft Company


FIRE SUPPORT ELEMENTS

 FIRE SUPPORT ELEMENT CWTU-06
x3 Light Artillery Battalion

 FIRE SUPPORT ELEMENT CWTU-08
x1 Field Artillery Battalion


DIVISIONAL AVIATION ASSETS

 **x4 AB-204/205 Utility Helicopter** CWTU-56

 **x2 AB-206 Observation Helicopter** CWTU-54

CORPS ASSETS (c)

 BATTLEGROUP CWTU-16
Up to x1 Armoured Battalion

 MANOEUVRE ELEMENT CWTU-09
Up to x3 Combat Engineer Company

 MANOEUVRE ELEMENT CWTU-10
Up to x6 Antiaircraft Company


 FIRE SUPPORT ELEMENT CWTU-06
Up to x3 Light Artillery Battalion

(a) Turkey had **x1** Armoured Division, **x2** Mechanised Divisions and **x14** Infantry Divisions (increasing to **x15** Infantry Divisions by 1989). There were nine Infantry Divisions of this type: the 2nd, 6th & 23rd Infantry Divisions were stationed in Thrace (European Turkey) with 1st Army (consisting of II, III, V & XV Corps). The 9th, 12th, 29th & 51st Infantry Divisions were stationed in the Caucasus with 3rd Army (IV, VIII & IX Corps). 28th & 39th Infantry Divisions were stationed in the south with 4th Army. Note that the 'Type B' designation is my own – I do not know what the Turkish designation was for this organisation.

(b) Note that the term 'Squadron' is used here in the US sense – i.e. a battalion-sized unit.


(c) This is the full list of combat support elements available at Corps level. The Turks did not have Corps or Army level heavy artillery. They did however, have three Artillery Brigades (FSE CWTU-11) in central reserve and a battalion of Honest John ballistic missiles in each Army.

(d) Some divisions only had a single Armoured Cavalry Troop (i.e. a Company).

 **BATTLEGROUP CWTU-04**
Turkish Reserve Infantry Division 1980s
 (58th Infantry Division) (a)

BATTLEGROUPS

 **BATTLEGROUP CWTU-14**
x3 Infantry Regiment

 **BATTLEGROUP CWTU-15**
Up to x1 Armoured Cavalry Squadron (bc)

MANOEUVRE ELEMENTS

 **MANOEUVRE ELEMENT CWTU-09**
x3 Combat Engineer Company

 **MANOEUVRE ELEMENT CWTU-10**
x3 Antiaircraft Company


FIRE SUPPORT ELEMENTS

 **FIRE SUPPORT ELEMENT CWTU-06**
x3 Light Artillery Battalion

 **FIRE SUPPORT ELEMENT CWTU-08**
x1 Field Artillery Battalion

DIVISIONAL AVIATION ASSETS

 **x4 AB-204/205 Utility Helicopter** CWTU-56

 **x2 AB-47 Observation Helicopter (d)** CWTU-52

(a) Turkey had **x1** Armoured Division, **x2** Mechanised Divisions and **x14** Infantry Divisions (increasing to **x15** Infantry Divisions by 1989). The 58th Infantry Division was a training formation, equipped with obsolete equipment. It was not assigned to any of the four Turkish Armies. However, it was classed as a reserve formation (alongside 1st Armoured Division – another training formation), so is listed here for the sake of completeness. As it was not permanently assigned to a Corps or Army, I will not list any Corps/Army attachments here.

(b) Note that the term ‘Squadron’ is used here in the US sense – i.e. a battalion-sized unit.

(c) The Armoured Cavalry element may actually have been only a single Armoured Cavalry Troop (i.e. a Company).

(d) May replace AB-47 Observation Helicopter with:
 TH-55 Osage Light Observation Helicopter CWTU-53
 AB-206 Light Observation Helicopter CWTU-54
 Alouette II Light Observation Helicopter CWTU-55

 **BATTLEGROUP CWTU-05**
Turkish Armoured Division 1980s (a)
 (1st Armoured Division)

BATTLEGROUPS

 **BATTLEGROUP CWTU-12**
x3 Armoured Regiment (b)

 **BATTLEGROUP CWTU-15**
x1 Armoured Cavalry Squadron (bc)

MANOEUVRE ELEMENTS

 **MANOEUVRE ELEMENT CWTU-09**
x3 Combat Engineer Company


 **MANOEUVRE ELEMENT CWTU-10**
x3 Antiaircraft Company


FIRE SUPPORT ELEMENTS

 **FIRE SUPPORT ELEMENT CWTU-01**
x3 SP Light Artillery Battalion

 **FIRE SUPPORT ELEMENT CWTU-03**
x1 SP Field Artillery Battalion

DIVISIONAL AVIATION ASSETS

 **x4 AB-204/205 Utility Helicopter** CWTU-56

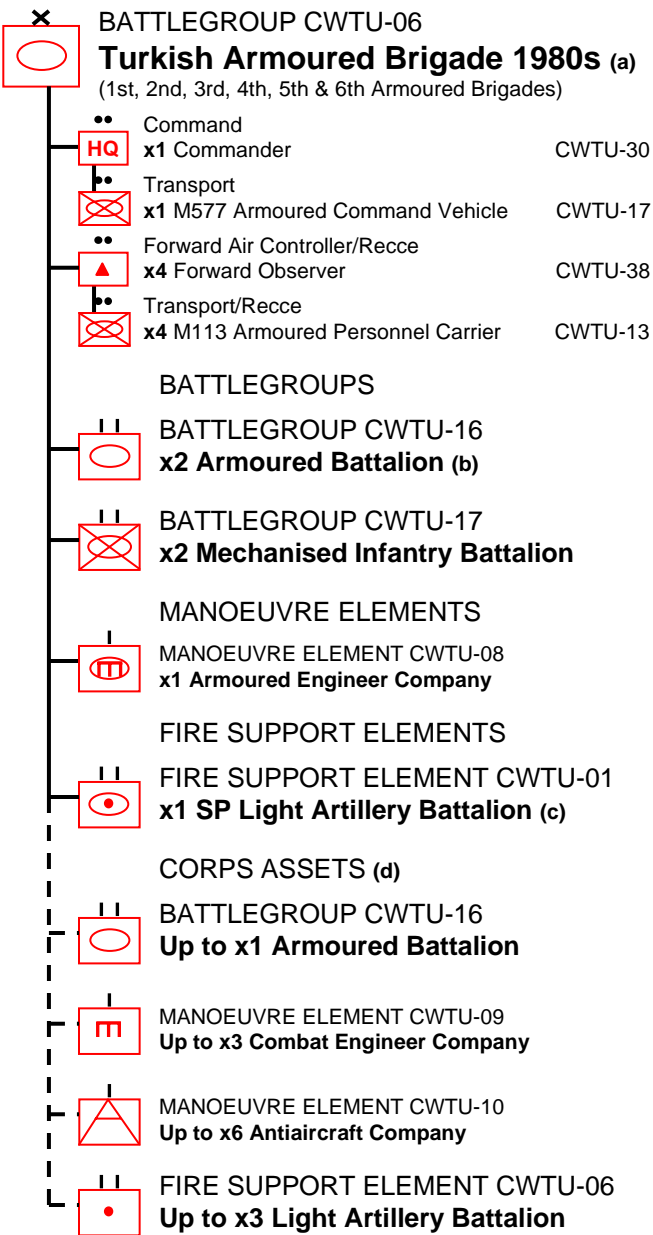
 **x2 AB-47 Observation Helicopter (d)** CWTU-52

(a) Turkey had **x1** Armoured Division, **x2** Mechanised Divisions and **x14** Infantry Divisions (increasing to **x15** Infantry Divisions by 1989). Strangely, the 1st Armoured Division, the only Armoured Division in the Turkish Army, was merely a training formation, equipped with obsolete equipment. It was not assigned to any of the four Turkish Armies. However, it was classed as a reserve formation (alongside 58th Infantry Division – another training formation), so is listed here for the sake of completeness. As it was not permanently assigned to a Corps or Army, I will not list any Corps/Army attachments here.

(b) Note that these units comprised obsolete equipment.

(c) Note that the term ‘Squadron’ is used here in the US sense – i.e. a battalion-sized unit.

(d) May replace AB-47 Observation Helicopter with:
 TH-55 Osage Light Observation Helicopter CWTU-53
 AB-206 Light Observation Helicopter CWTU-54
 Alouette II Light Observation Helicopter CWTU-55

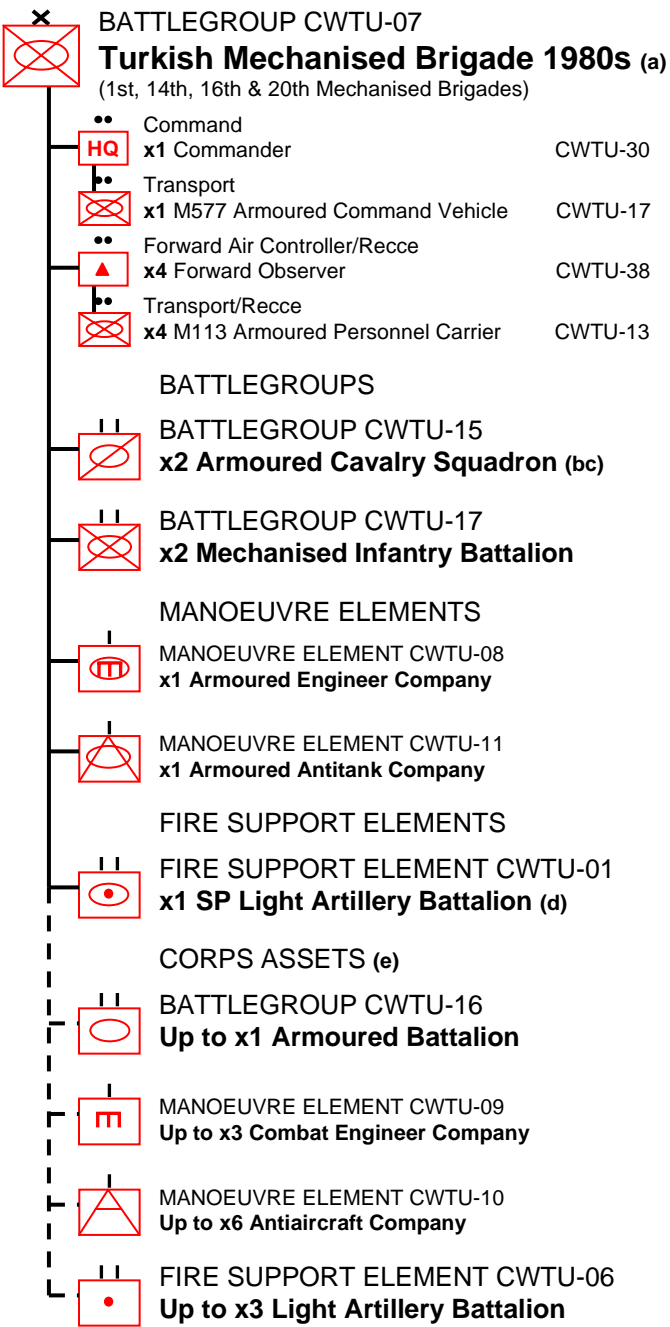


(a) The independent Armoured Brigades were the Turkish Army's main spearhead force. 1st, 2nd & 3rd Armoured Brigades were assigned to 1st Army in Thrace. 5th Armoured Brigade was assigned to 2nd Army in Asia Minor. 4th & 6th Armoured Brigades were assigned to 3rd Army in the Caucasus. There was also an independent 18th Armoured Regiment assigned to 1st Army, though it was simply organised as an Armoured Regiment and lacked the combat support elements of an Armoured Brigade.

(b) In 1981 the Turkish Army tank strength comprised 3,000x M47 Patton, 500x M48A1/A2 Patton and 70x Leopard 1A3 on order (plus M24 Chaffee and M41 Walker Bulldog light tanks). In 1982 the USA lifted its arms embargo (which followed the Turkish invasion of Cyprus) and rapidly modernised Turkey's tank fleet. By 1989 the Turkish Army had 523x M47 Patton, 1,130x M48A1/A2 Patton, 1,980x M48A5 Patton, 81x Leopard 1A3, 108x M41 Walker Bulldog and 114x M24 Chaffee. My guess is that the Armoured Brigades would have had first refusal on M48s and the up-gunned M48A5s as they arrived. The Leopards seem to have gone to Armoured Cavalry units.

(c) Some sources suggest that these artillery battalions were towed rather than SP. However, Turkey had large holdings of SP artillery (nearly 400x M52/M108 SP 105mm) and more than enough to equip the six Armoured Brigades in addition to the four Mechanised Brigades, the two Mechanised Divisions and the Armoured Division.

(d) This is the full list of combat support elements available at Corps level. The Turks did not have Corps or Army level heavy artillery. They did however, have three Artillery Brigades (FSE CWTU-11) in central reserve and a battalion of Honest John ballistic missiles in each Army. Note also that if the Armoured Brigade was directly attached to a division, it would have access to the division's combat support assets.



(a) There were four independent Mechanised Brigades in the Turkish Army. With their large Armoured Cavalry element, they seem to have been used in much the same way as US Armoured Cavalry Regiments: as army or corps-level formation reconnaissance elements. 16th & 20th Mechanised Brigades were assigned to 2nd Army in Asia Minor. 1st & 14th Mechanised Brigades were assigned to 3rd Army in the Caucasus.





(b) Note that the term 'Squadron' is used here in the US sense – i.e. a battalion-sized unit.

(c) The Armoured Cavalry Squadrons of 16th & 20th Brigades (2nd Army, in Asia Minor) received Leopard tanks in the early 1980s, accounting for between 48 and 60 of the 81 Leopard 1A3s delivered to Turkey. The other two Mechanised Brigades had M48 tanks.

(d) Some sources suggest that these artillery battalions were towed rather than SP. However, Turkey had large holdings of SP artillery (nearly 400x M52/M108 SP 105mm) and more than enough to equip the six Armoured Brigades in addition to the four Mechanised Brigades, the two Mechanised Divisions and the Armoured Division.

(e) This is the full list of combat support elements available at Corps level. The Turks did not have Corps or Army level heavy artillery. They did however, have three Artillery Brigades (FSE CWTU-11) in central reserve and a battalion of Honest John ballistic missiles in each Army. Note also that if the Armoured Brigade was directly attached to a division, it would have access to the division's combat support assets.


 **BATTLEGROUP CWTU-08**
Turkish Infantry Brigade 1980s (ae)
 (1st, 3rd, 5th, 10th, 11th, 15th, 19th, 21st, 22nd, 23rd, 28th, 39th, 41st, 48th, 49th, 51st & 70th, Infantry Brigades)

-  **HQ**
 Command
x1 Commander CWTU-30
- 
 Transport
x1 Land Rover Light Utility (no MG) (d) CWTU-27
- 
 Forward Air Controller/Recce
x4 Forward Observer CWTU-38
- 
 Transport/Recce
x4 Land Rover Light Utility (no MG) (d) CWTU-27

BATTLEGROUPS

 **BATTLEGROUP CWTU-18**
x4 Infantry Battalion

MANOEUVRE ELEMENTS

 **MANOEUVRE ELEMENT CWTU-02**
x1 Armoured Cavalry Troop (b)

FIRE SUPPORT ELEMENTS

 **FIRE SUPPORT ELEMENT CWTU-06**
x1 Light Artillery Battalion

CORPS ASSETS (c)

 **BATTLEGROUP CWTU-16**
Up to x1 Armoured Battalion

 **MANOEUVRE ELEMENT CWTU-09**
Up to x3 Combat Engineer Company

 **MANOEUVRE ELEMENT CWTU-10**
Up to x6 Antiaircraft Company

 **FIRE SUPPORT ELEMENT CWTU-06**
Up to x3 Light Artillery Battalion

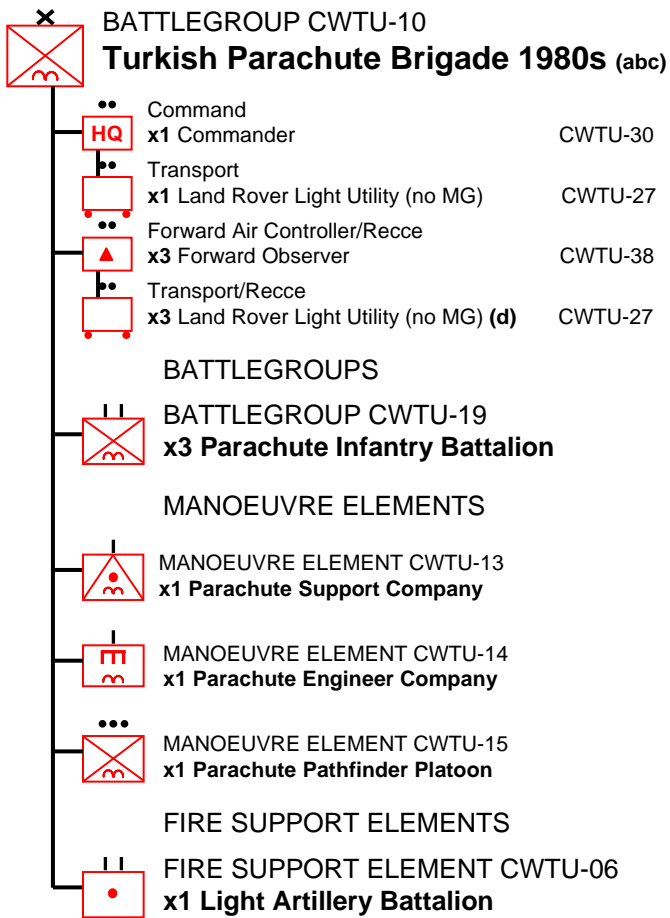
(a) There were twenty-two independent Infantry Brigades in the Turkish Army (the seventeen identified units listed here and five unidentified). 41st Infantry Brigade was assigned to 1st Army in Thrace. 21st, 22nd, 23rd, 39th & 70th Infantry Brigades were assigned to 2nd Army in Asia Minor (21st, 22nd & 23rd Brigades were actually designated as 'Coastal Defence Brigades'; holding fixed defences along the Black Sea coast and with minimal motor transport). 10th, 48th, 49th & 51st Brigades were assigned to 3rd Army in the Caucasus. 11th & 19th Brigades were assigned to 4th Army in the south. 1st, 3rd & 5th Brigades were assigned to the central reserve (alongside the two training divisions) and were not directly assigned to Armies or Corps. There were also five more (unidentified) brigades designated as Coastal Defence Brigades that were not attached to any Army or Corps. These were probably assigned to the long, southern coastline and the Aegean islands (although the islands actually came under the control of 4th Army).

(b) Note that the term 'Troop' is used here in the US sense – i.e. a company-sized unit.

(c) This is the full list of combat support elements available at Corps level. The Turks did not have Corps or Army level heavy artillery. They did however, have three Artillery Brigades (FSE CWTU-11) in central reserve and a battalion of Honest John ballistic missiles in each Army. Note also that if the Armoured Brigade was directly attached to a division, it would have access to the division's combat support assets.

- (d)** May replace Land Rover with:
- | | |
|---|---------|
| M20 Reconnaissance Car | CWTU-09 |
| M3 Halftrack Armoured Personnel Carrier | CWTU-11 |
| M59 Armoured Personnel Carrier | CWTU-12 |
| M577 Armoured Command Vehicle | CWTU-17 |

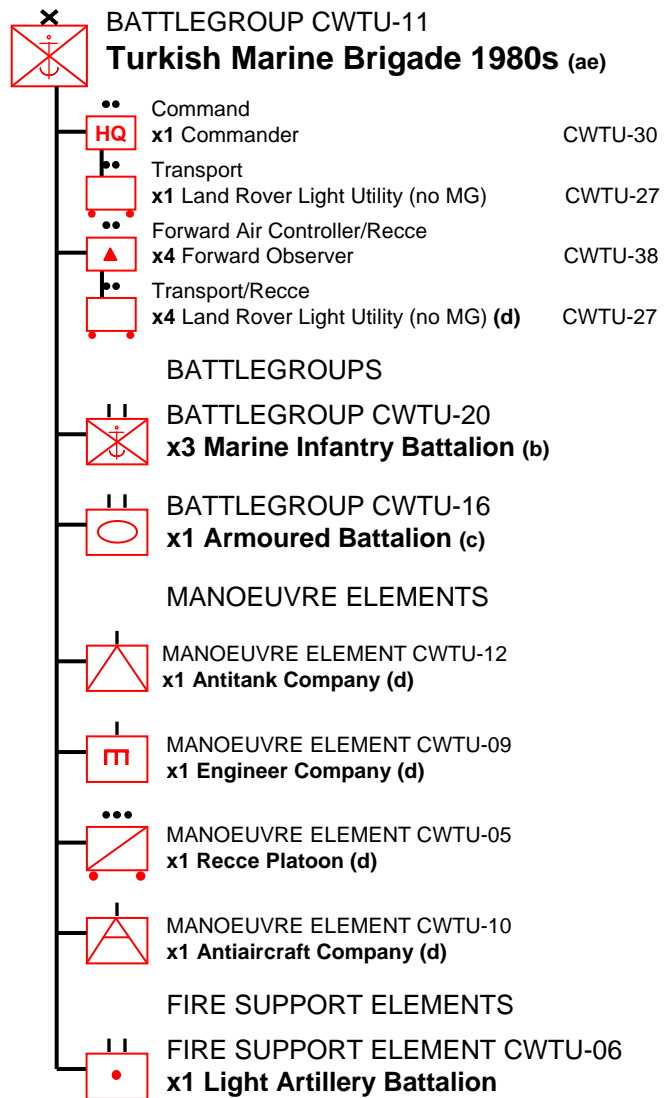
(e) It seems odd that no Antitank Company is mentioned in the sources. May add an Antitank Company (ME CWTU-12).



(a) The Turkish Army had one Parachute Brigade. The brigade was held in central reserve and was not permanently assigned to an Army or Corps.

(b) The Turkish Commando Brigade (not to be confused with the Marine Brigade) was organised and equipped identically to the Parachute Brigade, though its training and doctrine was more geared to light, mobile, special forces-type work rather than airborne assault. Simply use these organisations for Commandos, though all Commando infantry elements may be classed as 'Recce'.

(c) The Parachute Brigade would probably be able to call on the support of approximately a battalion of Army Aviation:
x6 AB-206 Observation Helicopter CWTU-54
x12 AB-204/205 or UH-1D/H Utility Helicopter CWTU-56



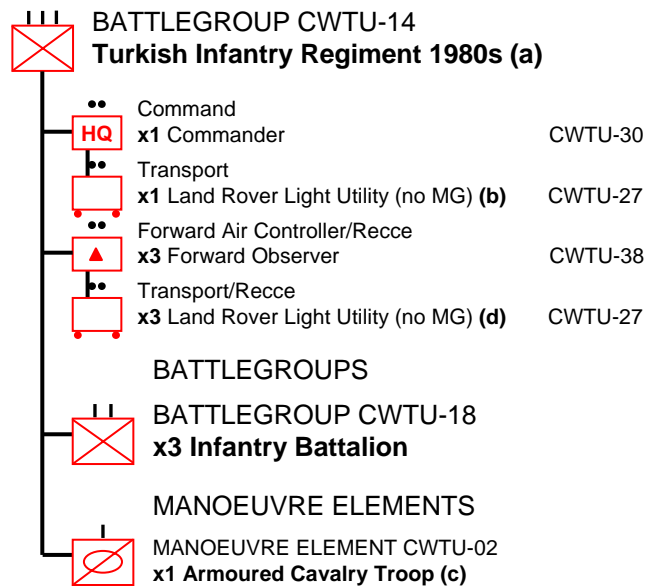
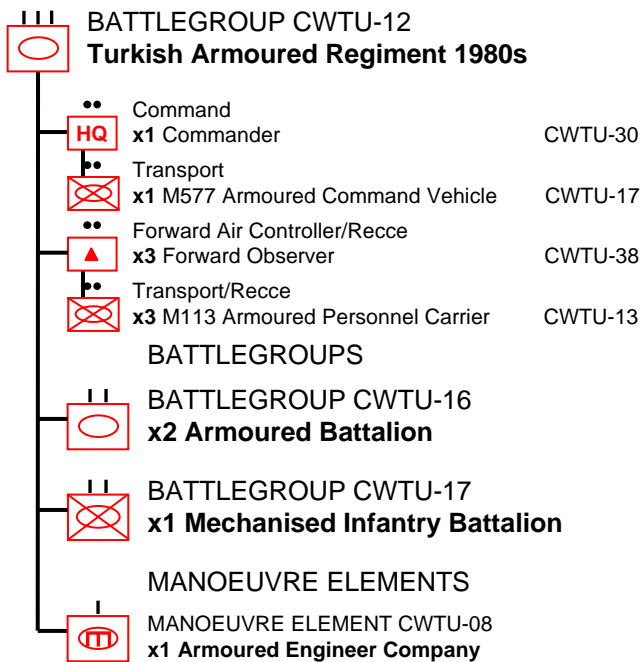
(a) The Turkish Navy had one Marine Brigade (not to be confused with the Army's Commando Brigade). The brigade was held in central reserve, under naval command.

(b) I have not been able to find any evidence of AFVs used by the Marine Infantry Battalions. They certainly did not use LVTs of any description and do not appear to have used APCs either.

(c) Not all sources agree that the Marines had an Armoured Battalion in the 1980s (though there was definitely one under command in the 1990s).

(d) The Marine Brigade had a 'Support Battalion' in addition to the Light Artillery Battalion, though I have been unable to discover what this Support Battalion might have consisted of. These supporting Manoeuvre Elements are therefore my best guess.

(e) The Marine Brigade would probably be able to call on the support of the Army to provide helicopter support. The Turkish Navy only had AB-204 & AB-212 anti-submarine helicopters that would not be well-suited for troop-transport (though could be used at a pinch).

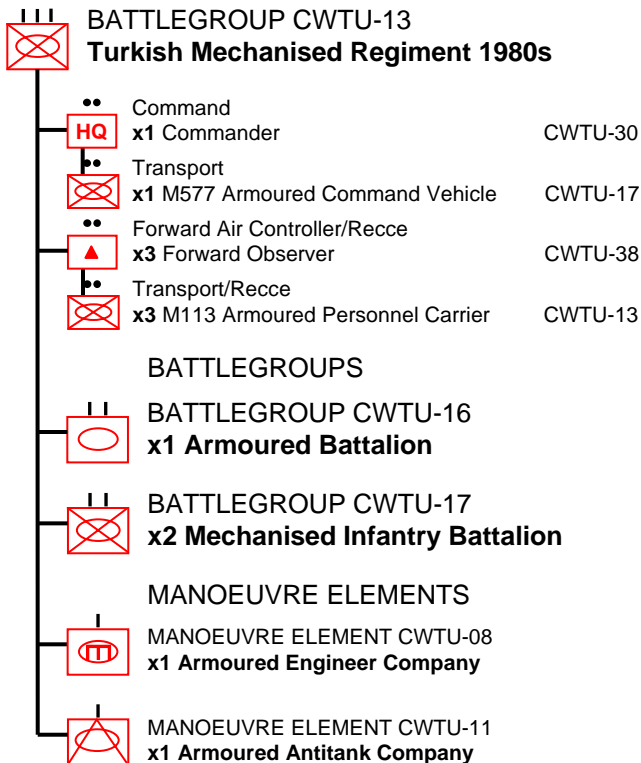


(a) It seems odd that no Antitank Company is mentioned in the sources. May add an Antitank Company (ME CWTU-12).

(b) Turkey had considerable stocks of APCs. It's 2,000+ M113 APCs were more than sufficient to equip the 'officially' armoured, mechanised and cavalry units, yet the Turkish Army also held some 400-600x M3 Halftracks, 700x M-59 APCs and an unknown number of M20 Reconnaissance Cars and Condor APCs (the Condors were probably used by the Armoured Cavalry and the paramilitary Gendarmerie). Consequently, the commander's transport may be replaced by:

M20 Reconnaissance Car	CWTU-09
M3 Halftrack Armoured Personnel Carrier	CWTU-11
M59 Armoured Personnel Carrier	CWTU-12
M577 Armoured Command Vehicle	CWTU-17

(c) Note that the term 'Troop' is used here in the US sense – i.e. a company-sized unit.



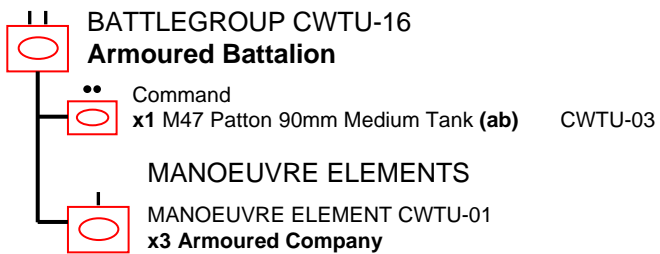
(a) Note that the terms 'Squadron' and 'Troop' are used here in the US sense – i.e. a Squadron is a battalion-sized unit, while a 'Troop' is a company.

(b) The commander's transport may be replaced in some lower-priority units with:

M20 Reconnaissance Car	CWTU-09
M3 Halftrack Armoured Personnel Carrier	CWTU-11
M59 Armoured Personnel Carrier	CWTU-12

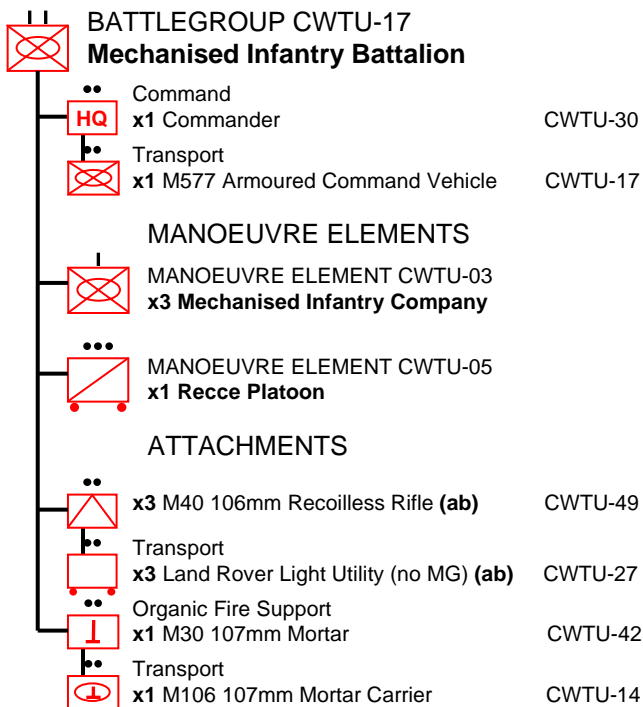
Or in a very few units with:

Condor 20mm Armoured Personnel Carrier	CWTU-10
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(a) In 1981 the Turkish Army tank strength comprised 3,000x M47 Patton, 500x M48A1/A2 Patton and 70x Leopard 1A3 on order (plus M24 Chaffee and M41 Walker Bulldog light tanks). In 1982 the USA lifted its arms embargo (which followed the Turkish invasion of Cyprus) and rapidly modernised Turkey's tank fleet. By 1989 the Turkish Army had 523x M47 Patton, 1,130x M48A1/A2 Patton, 1,980x M48A5 Patton, 81x Leopard 1A3, 108x M41 Walker Bulldog and 114x M24 Chaffee. My guess is that the Armoured Brigades would have had first refusal on M48s and the up-gunned M48A5s as they arrived. The Leopards seem to have gone to Armoured Cavalry units.

(b) May replace command M47 tank with:
M48A1/A2 Patton 90mm Medium Tank CWTU-04
Or from 1983 with:
M48A5 Patton 105mm Medium Tank CWTU-05

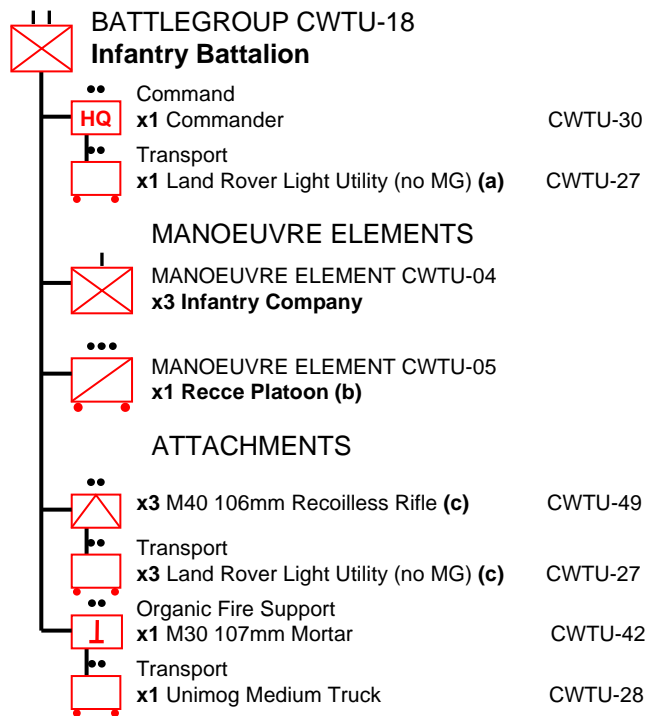


(a) From mid-1980s, may replace 106mm Recoilless Rifle & Land Rover combinations with:

TOW ATGM Team (b) CWTU-46
M150 TOW ATGM Carrier (b) CWTU-15

Note that some sources mention only Milan ATGMs in Mechanised Battalions. However, given the sheer number of TOW systems held by Turkey in 1989 (516 launchers), my belief is that Milan replaced the 75mm Recoilless Rifles at company-level, while TOW replaced the 106mm Recoilless Rifles at battalion-level.

(b) 106mm Recoilless Rifles and TOW ATGMs may be fired from their transports when mounted.

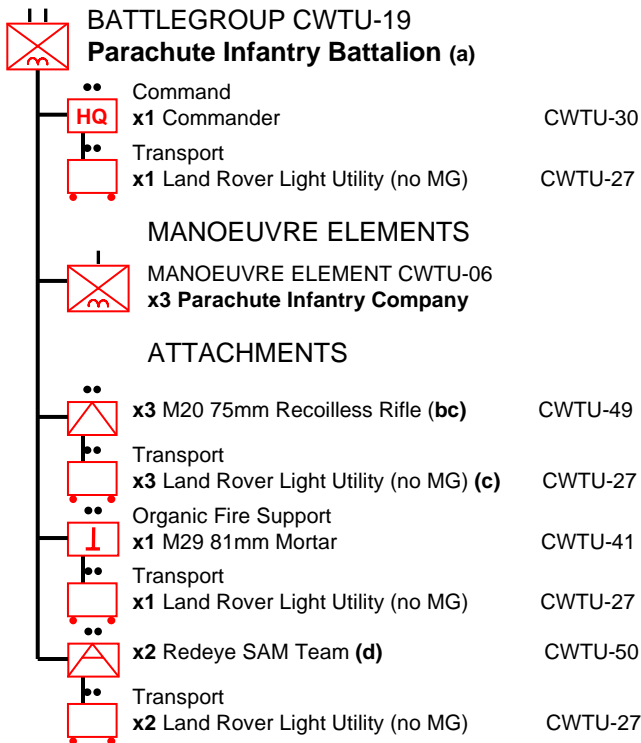


(a) Turkey had considerable stocks of APCs. It's 2,000+ M113 APCs were more than sufficient to equip the 'officially' armoured, mechanised and cavalry units, yet the Turkish Army also held some 400-600x M3 Halftracks, 700x M-59 APCs and an unknown number of M20 Reconnaissance Cars and Condor APCs (the Condors were probably used by the Armoured Cavalry and the paramilitary Gendarmerie). Consequently, the commander's transport may be replaced by:

M3 Halftrack Armoured Personnel Carrier CWTU-11
M59 Armoured Personnel Carrier CWTU-12

(b) Sources do not show a Recce Platoon for Infantry Battalions, even though they do show one for Mechanised Battalions. This seems odd, so I have conjecturally included a Recce Platoon here.

(c) 106mm Recoilless Rifles may be fired from their transports when mounted.

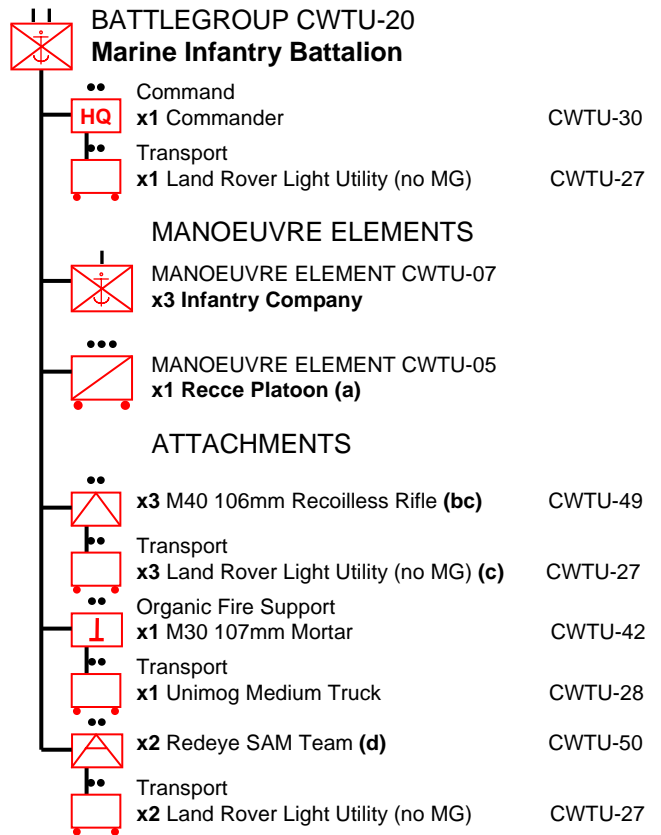


(a) This organisation also does double duty for the Commando Battalion organisation. However, class all Commando infantry elements as 'Recce'.

(b) From mid-1980s: Replace 75mm Recoilless Rifles with: Milan ATGM Team (c) CWTU-46

(c) 75mm Recoilless Rifles and Milan ATGMs may be fired from their transports when mounted.

(d) Late 1980s: Replace Redeye SAMs with: Stinger SAM Team CWTU-47

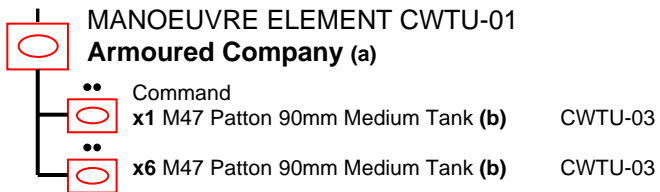


(a) Sources do not show a Recce Platoon. This seems odd, so I have conjecturally included a Recce Platoon here.

(b) From mid-1980s: Replace 106mm Recoilless Rifles with: M220 TOW ATGM Team CWTU-47

(c) 106mm Recoilless Rifles or TOW ATGMs may be fired from their transports when mounted.

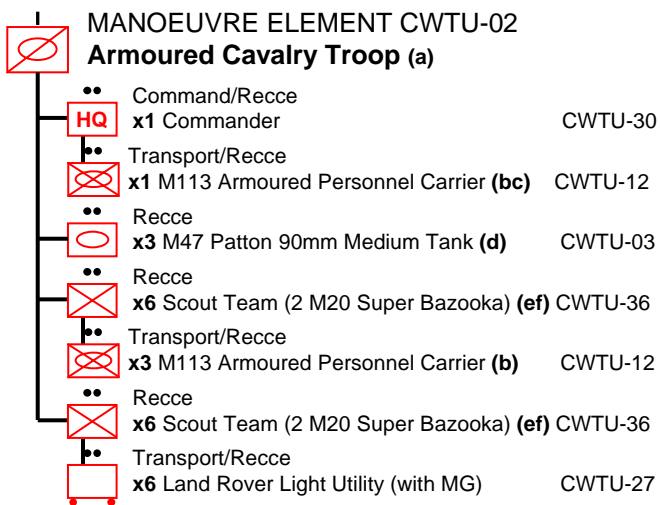
(d) Late 1980s: Replace Redeye SAMs with: Stinger SAM Team CWTU-47



(a) The Armoured Company may be deployed as x3 platoon-sized MEs, each of x2 tanks. Designate one tank in each Armoured Platoon ME as the Platoon Commander.

(b) The M47 tanks may be replaced with improved types. However note that all tanks in the Armoured Battalion must be of the same type:

- M48A1/A2 Patton 90mm Medium Tank CWTU-04
- Or from 1983 with:
- M48A5 Patton 105mm Medium Tank CWTU-05



(a) May alternatively deploy the Armoured Cavalry Troop as three separate platoon-sized MEs: a Tank Platoon of x2 tanks, an Armoured Cavalry Platoon of x6 Scout Teams in APCs and a Scout Platoon of x6 Scout Teams in Land Rovers. Designate one Scout Team or tank in each platoon as the Platoon Commander.

(b) May replace M113 APCs in a few units with:
Condor Armoured Personnel Carrier CWTU-10
Or in some low-priority units with:
M3 Haltrack Armoured Personnel Carrier CWTU-11

(c) Alternatively, the commander's transport may be replaced with:
M20 Reconnaissance Car CWTU-09

(d) The M47 tanks may be replaced with better or worse types, depending on the priority of the unit:

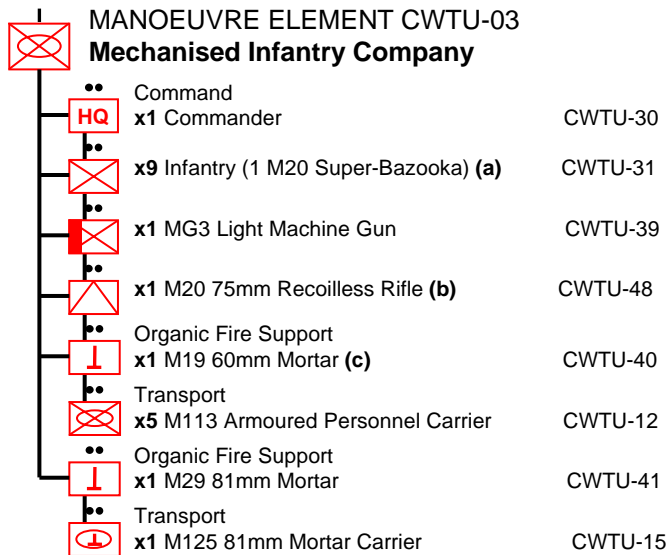
- M8 Greyhound 37mm Armoured Car CWTU-08
- M24 Chaffee 75mm Light Tank CWTU-01
- M41 Walker Bulldog 76mm Light Tank CWTU-02
- M48A1/A2 90mm Medium Tank CWTU-04

Or from 1983 in some high-priority units with:
M48A5 105mm Medium Tank CWTU-05

Or from 1982 in some units with:
Leopard 1A3 105mm Main Battle Tank CWTU-06

(e) From mid-1980s: May replace Scouts Teams' M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-36).

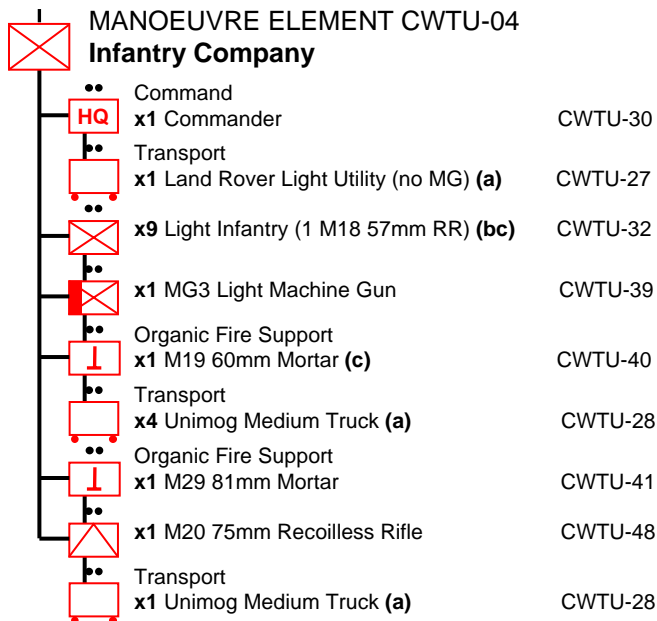
(f) In units equipped with obsolete weapons (i.e. those using 'Reserve Light Infantry' units), replace Scout Teams with:
Reserve Scout Team (2 M18 or M20) CWTU-37



(a) From mid-1980s: May replace Infantry's M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-31).

(b) Late 1980s: Replace M20 75mm Recoilless Rifle with:
Milan ATGM Team CWTU-46

(c) Not all sources list a 60mm mortar, so this may be deleted.



(a) Some battalions were equipped with obsolete APCs. In which case, replace all transport with:

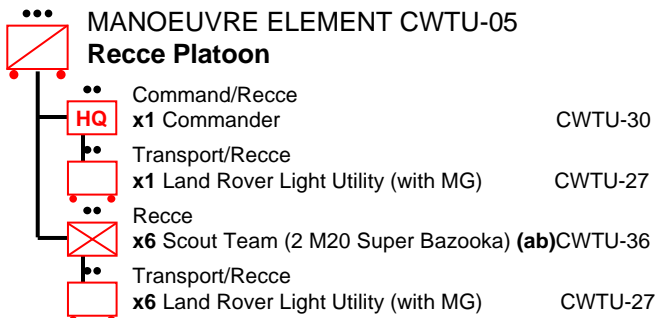
x5 M3 Haltrack Armoured Personnel Carrier CWTU-11
Alternative:
x5 M59 Armoured Personnel Carrier CWTU-12

(b) Some units may have received modern weapons. In which case, replace Light Infantry with:
x9 Infantry (1 M20 Super-Bazooka) CWTU-31

(c) May replace M18 57mm Recoilless Rifles with M20 90mm Super-Bazookas (see card CWTU-32).

(d) Not all sources list a 60mm mortar, so this may be deleted.

MANOEUVRE ELEMENT CWTU-05 Recce Platoon



(a) From mid-1980s in Mechanised or Marine Battalions and some Infantry Battalions: May replace Scouts Teams' M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-36).

(b) In units equipped with obsolete weapons (i.e. those using 'Reserve Light Infantry' units), replace Scout Teams with:
Reserve Scout Team (2 M18 or M20) CWTU-37

MANOEUVRE ELEMENT CWTU-06 Parachute Infantry Company

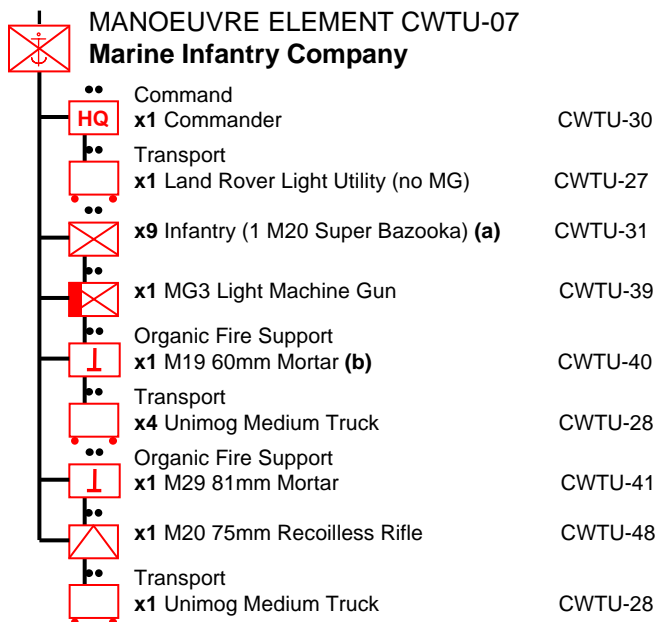


(a) From mid-1980s: May replace Infantry's M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-31).

(b) Not all sources list a 60mm mortar, so this may be deleted.

(c) From mid-1980s: Replace M20 75mm Recoilless Rifle with:
Milan ATGM Team CWTU-46

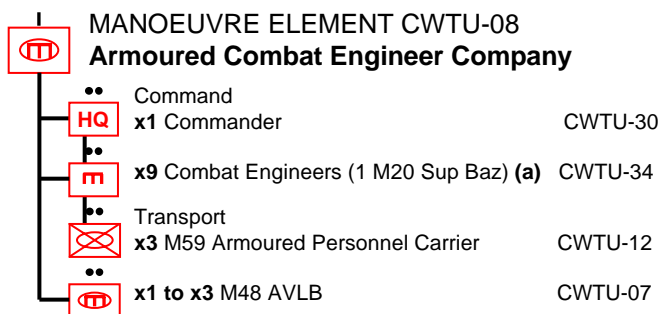
MANOEUVRE ELEMENT CWTU-07 Marine Infantry Company



(a) From mid-1980s: May replace Infantry's M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-31).

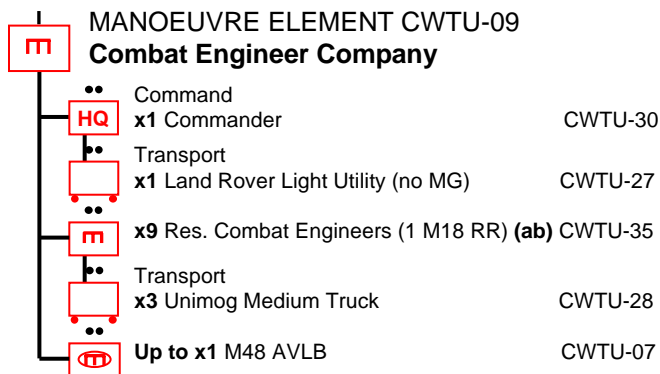
(d) Not all sources list a 60mm mortar, so this may be deleted.

MANOEUVRE ELEMENT CWTU-08 Armoured Combat Engineer Company



(a) From mid-1980s: May replace Engineers' M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-34).

MANOEUVRE ELEMENT CWTU-09 Combat Engineer Company



(a) Some units may have received modern weapons (particularly the Marine Brigade Engineers). In which case, replace Reserve Combat Engineers with:

x9 Combat Engineers (1 M20 Super-Bazooka) CWTU-34

(b) May replace Engineers' M18 57mm Recoilless Rifles with M20 90mm Super-Bazookas (see card CWTU-35).



- (a) May replace Bofors AA Guns with:
M42A1 Duster Self-Propelled Twin 40mm AA (d) CWTU-18
M16 MGMC Self-Propelled Quad .50 AA Vehicle (d) CWTU-19
M51 Skysweeper 75mm Antiaircraft Gun CWTU-23
M55 Quad .50 Cal Antiaircraft Gun CWTU-24
M117/M118 90mm Antiaircraft Gun CWTU-25

Or from mid-1980s with:
GA-D01 or FK20-2 Twin 20mm Antiaircraft Gun CWTU-21

Or in late 1980s with:
GDF-003 Twin 35mm Antiaircraft Gun CWTU-22

Or in one battery of 1st Army with:
Rapier SAM (f) CWTU-26

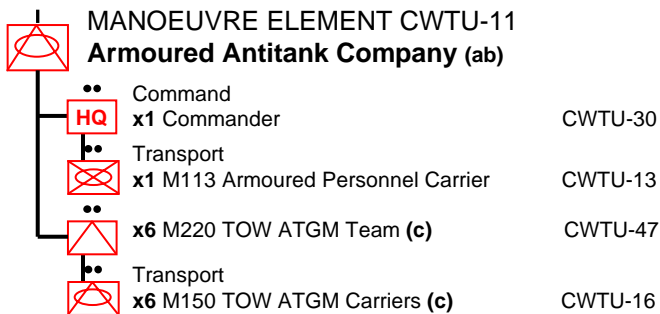
(b) Delete trucks if the guns are self-propelled M16 or M42A1 types. For the heavier towed guns such as 75mm & 90mm types, replace Unimog trucks with:
M813 Heavy Truck CWTU-29

(c) Late 1980s: May replace Redeye SAMs with:
Stinger SAM Team CWTU-51

(d) The self-propelled types were probably operated by Armoured and Mechanised formations.

(e) The company may be split up into individual unit attachments.

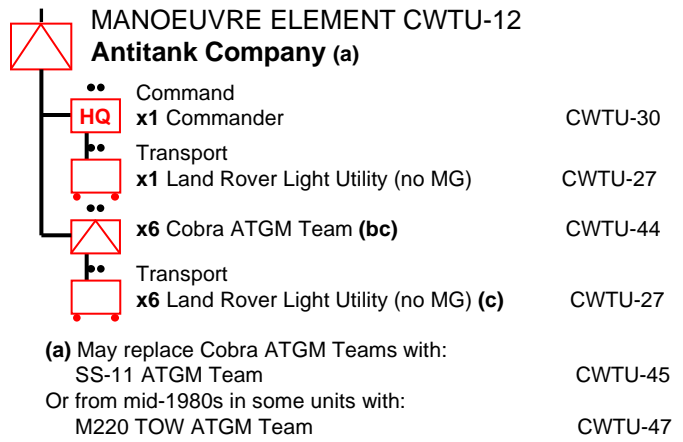
(f) These were the only heavy SAMs operated by the Army. The Air Force had a further two batteries of Rapier and 128 Nike-Hercules launchers defending fixed sites.



(a) Early 1980s: Some units might not have been armoured at all (or had TOW ATGMs). May therefore replace organisation with Antitank Company (CWTU-12).

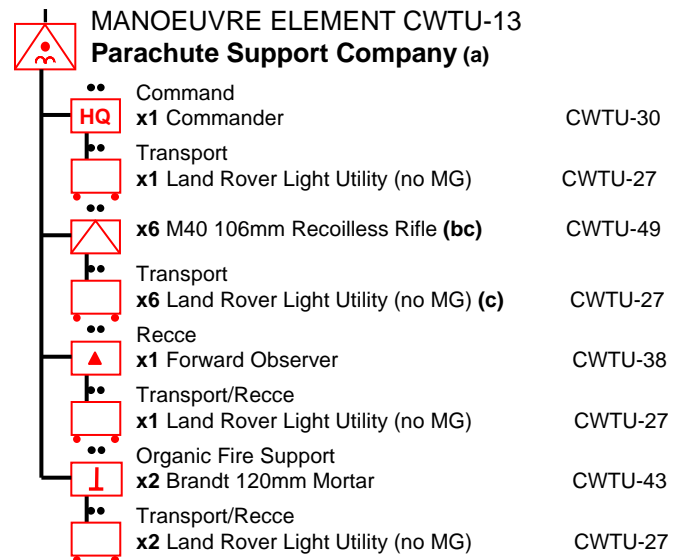
(b) The company may be split up into three platoon-sized MEs, each of x2 TOW Teams. Designate one TOW Team in each Armoured Antitank Platoon ME as the platoon commander.

(c) ATGMs may be fired from their transports when mounted.



(b) The company may be split up into three platoon-sized MEs, each of x2 TOW Teams. Designate one TOW Team in each Armoured Antitank Platoon ME as the platoon commander.

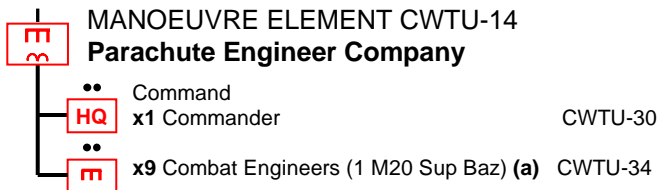
(c) ATGMs may be fired from their transports when mounted.



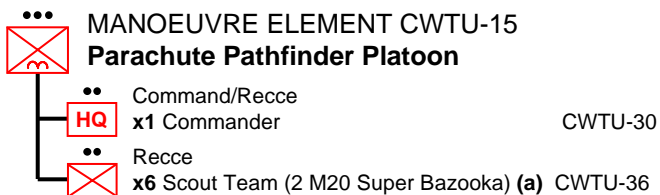
(a) The company may be split up into individual unit attachments as required.

(b) Mid 1980s: The 106mm Recoilless Rifles were replaced with ATGMs, but I don't know which type. Choose from one:
Milan ATGM Team CWTU-46
M220 TOW ATGM Team CWTU-47

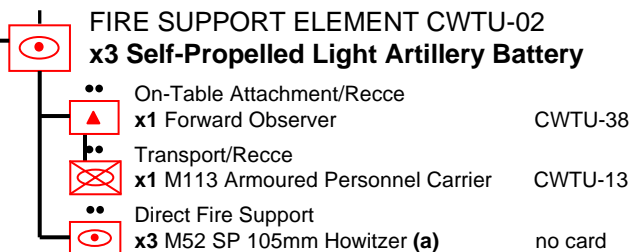
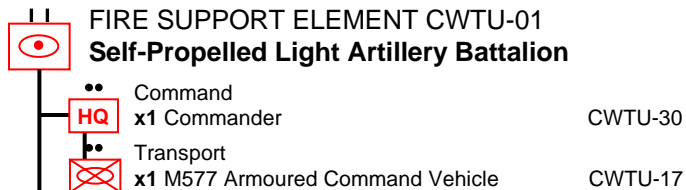
(c) Recoilless Rifles or ATGMs may be fired from their transports when mounted.



(a) From mid-1980s: May replace Engineers' M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-34).



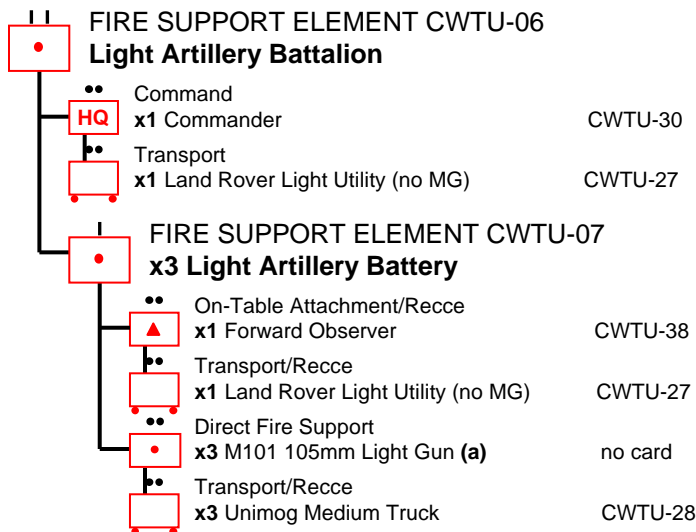
(a) From mid-1980s: May replace Scouts Teams' M20 90mm Super-Bazookas with x3 M72 66mm LAW (see card CWTU-36).



(a) Approximately three battalions in the Turkish Army were equipped with the M108 SP 105mm Howitzer instead of the M52.



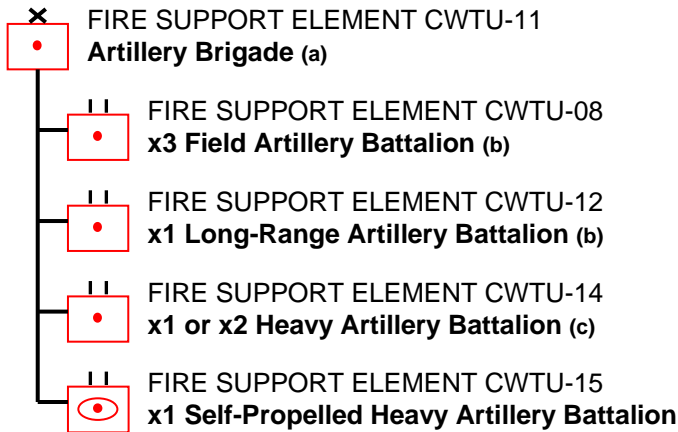
(a) In one battalion of 1st Army, replace M55 SP 203mm Howitzer with:
M110 Self-Propelled 203mm Howitzer no card



(a) In approximately five battalions of the Turkish Army, replace M101 105mm Light Gun with:
M116 75mm Pack Howitzer no card
A few reserve units were even equipped with ancient WW1-era Skoda and Krupp 105mm guns.



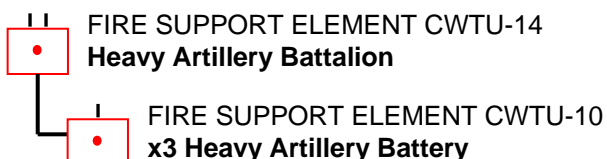
(a) Delete the Heavy Battery if the battalion belongs to an Artillery Brigade (see FSE CWTU-11).



(a) Three Artillery Brigades, numbered 57th, 58th & 59th, were held in central reserve. None were assigned to any particular formation, but they could be allocated to Armies or Corps as the situation required (if time allowed).

(b) These Field Artillery Battalions do not include a 4th (Heavy) Battery.

(c) 57th Artillery Brigade had two Heavy Artillery Battalions, while the other two brigades had one each.



Turkish Air Support

By 1989, the Turkish Air Force had the following fast jet assets:

Ground-Attack Aircraft

x7 Squadrons, each of x9 F-4E Phantom II	CWTU-59
x4 Squadrons, each of x7 to x8 F-104G/S Starfighter	CWTU-58
x4 Squadrons, each of x10 F-5A Freedom Fighter	CWTU-60

Reconnaissance Aircraft

x1 Squadron of x4 RF-4C Phantom	CWTU-59
x1 Squadron of x9 RF-5A Freedom Fighter	CWTU-60

Fighter Aircraft

x4 Squadrons, each of x7 to x10 F1-04 G/S Starfighter	CWTU-58
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A different source lists the following squadrons and aircraft in the Turkish order of battle circa 1987:

Ground-Attack Aircraft

x2 Squadrons with F-5A Freedom Fighter	CWTU-60
x2 Squadrons with F-100D Super Sabre	CWTU-62
x5 Squadrons with F-4E Phantom II	CWTU-59
x10 Squadrons with F-104G/S Starfighter	CWTU-58

Fighter Aircraft

x2 Squadrons with F-104G/S Starfighter	CWTU-58
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Note that in the early 1980s, some older types were still operational in some numbers, but were gradually replaced by F-4, F-5 and F-104 during the 1980s (Turkey received large numbers of used/surplus F-5 and F-104 airframes from other NATO allies):

F-84 Thunderstreak	CWTU-61
F-100D Super Sabre	CWTU-62

The Turkish Army also operated a fleet of light aircraft for liaison and AOP work:

x25+ O-1E Bird Dog Air Observation Post	CWTU-57
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Turkish Card List & Model Availability

(Annotations 'QRF' = QRF Models, 'SOG' = Skytrex/Old Glory, 'PP', = Peter Pig, 'QG' = Quality Castings/Old Glory 15s, 'FoW' = Flames of War)

CWTU-01 – M24 Chaffee 75mm Light Tank	QRF
CWTU-02 – M41 Walker Bulldog 76mm Light Tank	QRF
CWTU-03 – M47 Patton 90mm Medium Tank	QRF
CWTU-04 – M48A1/A2 Patton 90mm Medium Tank	QRF, SOG, PP
CWTU-05 – M48A5 Patton 105mm Medium Tank	QRF, SOG, PP
CWTU-06 – Leopard 1A3 105mm Main Battle Tank	QRF
CWTU-07 – M48 AVLB	
CWTU-08 – M20 Reconnaissance Car	QRF, SOG, FoW
CWTU-09 – M8 Greyhound 37mm Armoured Car	QRF, SOG, FoW
CWTU-10 – Condor 20mm Armoured Personnel Carrier	
CWTU-11 – M3 Halftrack Armoured Personnel Carrier	QRF, SOG, FoW, PP
CWTU-12 – M59 Armoured Personnel Carrier	QC
CWTU-13 – M113 Armoured Personnel Carrier	QRF, SOG, PP
CWTU-14 – M106 107mm Mortar Carrier	QRF
CWTU-15 – M125 81mm Mortar Carrier	QRF
CWTU-16 – M150 TOW ATGM Carrier	QRF, SOG
CWTU-17 – M577 Armoured Command Vehicle	QRF, SOG, PP
CWTU-18 – M42A1 Duster Twin 40mm Antiaircraft Vehicle	QC
CWTU-19 – M16 Machine Gun Motor Carriage Quad .50 Cal Antiaircraft Vehicle	QRF, SOG, FoW
CWTU-20 – Bofors L60 40mm Antiaircraft Gun	QRF, SOG, FoW
CWTU-21 – GAI-DO1 or FK20-2 Twin 20mm Antiaircraft Gun	
CWTU-22 – GDF-003 Twin 35mm Antiaircraft Gun	
CWTU-23 – M51 Skysweeper 75mm Antiaircraft Gun	
CWTU-24 – M55 Quad .50 Cal Antiaircraft Gun	
CWTU-25 – M117/M118 90mm Antiaircraft Gun	
CWTU-26 – Rapier SAM Launcher	QRF
CWTU-27 – Otokar Land Rover Light Utility Vehicle	QRF, PP
CWTU-28 – Unimog Medium Truck	PP
CWTU-29 – M813 Heavy Truck	QRF
CWTU-30 – Commander	
CWTU-31 – Infantry (G3 & MG3)	
CWTU-32 – Reserve Infantry (M1 Garand & BAR)	
CWTU-33 – Paratroops	
CWTU-34 – Combat Engineers	
CWTU-35 – Reserve Combat Engineers	
CWTU-36 – Scout Team	
CWTU-37 – Reserve Scout Team	
CWTU-38 – Forward Observer	
CWTU-39 – MG3 Light Machine Gun	
CWTU-40 – M19 60mm Mortar	
CWTU-41 – M1/M29 81mm Mortar	
CWTU-42 – M30 107mm Mortar	
CWTU-43 – Brandt 120mm Mortar	
CWTU-44 – Cobra ATGM Team	
CWTU-45 – SS-11 ATGM Team	
CWTU-46 – Milan ATGM Team	QRF
CWTU-47 – M220 TOW ATGM Team	QRF
CWTU-48 – M20 75mm Recoilless Rifle	QRF, PP
CWTU-49 – M40 106mm Recoilless Rifle	QRF, PP
CWTU-50 – Redeye SAM Team	QRF, PP
CWTU-51 – Stinger SAM Team	
CWTU-52 – AB-47/OH-13H Sioux Light Observation Helicopter	
CWTU-53 – Hughes 300/TH-55 Osage Light Observation Helicopter	
CWTU-54 – AB-206/OH-58 Kiowa Light Observation Helicopter	Pocket Pak
CWTU-55 – Alouette II Light Observation Helicopter	Heller
CWTU-56 – AB-204/205 & UH-1D/H Iroquois Utility Helicopter	QRF, FoW, Revell, Dinky, Heller
CWTU-57 – O-1E Bird Dog Air Observation Post	
CWTU-58 – F-104G/S Starfighter	Tamiya, Italeri, Heller
CWTU-59 – F-4E Phantom II	Tamiya, Italeri, Heller, Revell
CWTU-60 – F-5A Freedom Fighter	Italeri, Heller
CWTU-61 – F-84 Thunderstreak	
CWTU-62 – F-100D Super Sabre	Tamiya, Revell, Heller